

Appendix G

Water Quality Laboratory Results

(July 2015 Event)

(August 2015 Event)

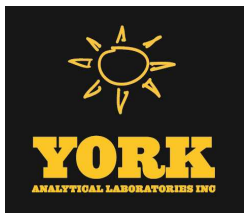
(Wet Sampling Event - August 2015)

(Dry Sampling Event - September 2015)

Sediment Analysis Results

See attached CD.

July 2015 Event
Laboratory Results



Technical Report

prepared for:

Cashin Associates, P.C.
1200 Veterans Memorial Parkway #200
Hauppauge NY, 11788
Attention: Keith W. Brewer

Report Date: 07/28/2015
Client Project ID: 14040.1-Grand Canal
York Project (SDG) No.: 15G0557

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 07/28/2015
Client Project ID: 14040.1-Grand Canal
York Project (SDG) No.: 15G0557

Cashin Associates, P.C.
1200 Veterans Memorial Parkway #200
Hauppauge NY, 11788
Attention: Keith W. Brewer

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 15, 2015 and listed below. The project was identified as your project: **14040.1-Grand Canal**.

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 Notes 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 attachment to 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>
15G0557-01	GC-1A	Water	07/15/2015	07/15/2015
15G0557-02	GC-2A	Water	07/15/2015	07/15/2015
15G0557-03	GC-4A	Water	07/15/2015	07/15/2015
15G0557-04	GC-5A	Water	07/15/2015	07/15/2015
15G0557-05	GC-6A	Water	07/15/2015	07/15/2015
15G0557-06	GC-7A	Water	07/15/2015	07/15/2015
15G0557-07	GC-8A	Water	07/15/2015	07/15/2015
15G0557-08	GC-9A	Water	07/15/2015	07/15/2015
15G0557-09	GC-10A	Water	07/15/2015	07/15/2015
15G0557-10	GC-1B	Water	07/15/2015	07/15/2015
15G0557-11	GC-2B	Water	07/15/2015	07/15/2015
15G0557-12	GC-4B	Water	07/15/2015	07/15/2015
15G0557-13	GC-5B	Water	07/15/2015	07/15/2015
15G0557-14	GC-6B	Water	07/15/2015	07/15/2015
15G0557-15	GC-7B	Water	07/15/2015	07/15/2015
15G0557-16	GC-8B	Water	07/15/2015	07/15/2015
15G0557-17	GC-9B	Water	07/15/2015	07/15/2015
15G0557-18	GC-10B	Water	07/15/2015	07/15/2015
15G0557-19	GC-1C	Water	07/15/2015	07/15/2015
15G0557-20	GC-2C	Water	07/15/2015	07/15/2015
15G0557-21	GC-4C	Water	07/15/2015	07/15/2015
15G0557-22	GC-5C	Water	07/15/2015	07/15/2015
15G0557-23	GC-6C	Water	07/15/2015	07/15/2015

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
15G0557-24	GC-7C	Water	07/15/2015	07/15/2015
15G0557-25	GC-8C	Water	07/15/2015	07/15/2015
15G0557-26	GC-9C	Water	07/15/2015	07/15/2015
15G0557-27	GC-10C	Water	07/15/2015	07/15/2015
15G0557-28	GC-1D	Water	07/15/2015	07/15/2015
15G0557-29	GC-2D	Water	07/15/2015	07/15/2015
15G0557-30	GC-4D	Water	07/15/2015	07/15/2015
15G0557-31	GC-5D	Water	07/15/2015	07/15/2015
15G0557-32	GC-6D	Water	07/15/2015	07/15/2015
15G0557-33	GC-7D	Water	07/15/2015	07/15/2015
15G0557-34	GC-8D	Water	07/15/2015	07/15/2015
15G0557-35	GC-9D	Water	07/15/2015	07/15/2015
15G0557-36	GC-10D	Water	07/15/2015	07/15/2015
15G0557-37	GC-11A	Water	07/15/2015	07/15/2015
15G0557-38	GC-11B	Water	07/15/2015	07/15/2015
15G0557-39	GC-11C	Water	07/15/2015	07/15/2015
15G0557-40	GC-11D	Water	07/15/2015	07/15/2015
15G0557-41	GC-12A	Water	07/15/2015	07/15/2015
15G0557-42	GC-12B	Water	07/15/2015	07/15/2015
15G0557-43	GC-12C	Water	07/15/2015	07/15/2015
15G0557-44	GC-12D	Water	07/15/2015	07/15/2015
15G0557-45	Replicate	Water	07/15/2015	07/15/2015
15G0557-46	Trip Blank	Water	07/15/2015	07/15/2015

General Notes for York Project (SDG) No.: 15G0557

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 samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 07/28/2015





Sample Information

Client Sample ID: GC-1A

York Sample ID: 15G0557-01

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 6:12 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.20		mg/L	1.00	1.20	1	varies	07/27/2015 14:36	07/27/2015 16:21	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.40		mg/L	1.00	1.20	1	varies	07/27/2015 14:55	07/27/2015 15:47	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS



Sample Information

Client Sample ID: GC-1A

York Sample ID: 15G0557-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:12 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS



Sample Information

Client Sample ID: GC-1A

York Sample ID: 15G0557-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:12 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/20/2015 17:00	07/21/2015 05:53	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/20/2015 17:00	07/21/2015 05:53	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS



Sample Information

Client Sample ID: GC-1A

York Sample ID: 15G0557-01

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 6:12 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/20/2015 17:00	07/21/2015 05:53	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %			69-130						
2037-26-5	Surrogate: Toluene-d8	99.8 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	89.2 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/21/2015 11:44	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/21/2015 11:44	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/21/2015 11:44	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH



Sample Information

Client Sample ID: GC-1A

York Sample ID: 15G0557-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:12 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH



Sample Information

Client Sample ID: GC-1A

York Sample ID: 15G0557-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:12 am

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:45	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:45	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:45	KH
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:45	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:45	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:45	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:45	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:45	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:45	KH
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:45	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH



Sample Information

Client Sample ID: GC-1A

York Sample ID: 15G0557-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:12 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:45	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:45	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:45	KH
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:45	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:45	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:45	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:45	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:45	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:45	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:45	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:45	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:45	KH



Sample Information

Client Sample ID: GC-1A

York Sample ID: 15G0557-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:12 am

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:45	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 11:44	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:45	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	26.2 %			10-65						
4165-62-2	Surrogate: Phenol-d5	19.3 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	57.5 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	47.3 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	36.4 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	48.5 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 16:45	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 16:45	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 16:45	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 16:45	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 16:45	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 16:45	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 16:45	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 16:45	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 16:45	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 16:45	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 16:45	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 16:45	AMC



Sample Information

Client Sample ID: GC-1A

York Sample ID: 15G0557-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:12 am

07/15/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 16:45	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 16:45	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 16:45	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 16:45	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 16:45	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 16:45	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 16:45	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 16:45	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 16:45	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 16:45	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	33.7 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	34.1 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 17:09	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 17:09	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 17:09	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 17:09	AMC
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D 103 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-1A

York Sample ID: 15G0557-01

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 6:12 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:42	07/24/2015 15:22	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.221		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/22/2015 07:27	07/22/2015 13:52	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/27/2015 14:57	07/27/2015 15:42	PAM
Certifications:											



Sample Information

Client Sample ID: GC-2A

York Sample ID: 15G0557-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:25 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		4.70		mg/L	1.00	1.20	1	varies	07/27/2015 14:36	07/27/2015 16:21	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		2.10		mg/L	1.00	1.20	1	varies	07/27/2015 14:55	07/27/2015 15:47	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/20/2015 17:00	07/21/2015 06:23	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 06:23	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 06:23	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 06:23	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 06:23	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 06:23	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 06:23	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 06:23	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 06:23	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 06:23	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 06:23	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 06:23	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 06:23	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 06:23	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-2A

York Sample ID: 15G0557-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:25 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
67-64-1	Acetone	1.4	ICV-E, SCAL- E, J, B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS



Sample Information

Client Sample ID: GC-2A

York Sample ID: 15G0557-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:25 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/20/2015 17:00	07/21/2015 06:23	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/20/2015 17:00	07/21/2015 06:23	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS



Sample Information

Client Sample ID: GC-2A

York Sample ID: 15G0557-02

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 6:25 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/20/2015 17:00	07/21/2015 06:23	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	69-130								
2037-26-5	Surrogate: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	89.9 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/21/2015 12:15	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/21/2015 12:15	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/21/2015 12:15	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH



Sample Information

Client Sample ID: GC-2A

York Sample ID: 15G0557-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:25 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH



Sample Information

Client Sample ID: GC-2A

York Sample ID: 15G0557-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:25 am

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:16	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:16	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:16	KH
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:16	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:16	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:16	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:16	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:16	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:16	KH
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
117-81-7	Bis(2-ethylhexyl)phthalate	0.615		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:16	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH



Sample Information

Client Sample ID: GC-2A

York Sample ID: 15G0557-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:25 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:16	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:16	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:16	KH
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:16	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:16	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:16	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:16	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:16	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:16	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:16	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:16	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:16	KH



Sample Information

Client Sample ID: GC-2A

York Sample ID: 15G0557-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:25 am

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:16	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:15	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:16	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	21.6 %			10-65						
4165-62-2	Surrogate: Phenol-d5	17.2 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	53.9 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	45.1 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	35.3 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	45.9 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:00	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:00	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:00	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:00	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:00	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:00	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:00	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:00	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:00	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:00	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:00	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:00	AMC



Sample Information

Client Sample ID: GC-2A

York Sample ID: 15G0557-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:25 am

07/15/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:00	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:00	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:00	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:00	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:00	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:00	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:00	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:00	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:00	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:00	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	31.6 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	31.5 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 17:24	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 17:24	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 17:24	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 17:24	AMC
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D 103 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-2A

York Sample ID: 15G0557-02

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 6:25 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:42	07/24/2015 15:22	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/22/2015 07:27	07/22/2015 13:52	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/27/2015 14:57	07/27/2015 15:42	PAM
Certifications:											



Sample Information

Client Sample ID: GC-4A

York Sample ID: 15G0557-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:40 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.10		mg/L	1.00	1.20	1	varies	07/27/2015 14:36	07/27/2015 16:21	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.30		mg/L	1.00	1.20	1	varies	07/27/2015 14:55	07/27/2015 15:47	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/20/2015 17:00	07/21/2015 06:54	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 06:54	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 06:54	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 06:54	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 06:54	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 06:54	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 06:54	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 06:54	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 06:54	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 06:54	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 06:54	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 06:54	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 06:54	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 06:54	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-4A

York Sample ID: 15G0557-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:40 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS



Sample Information

Client Sample ID: GC-4A

York Sample ID: 15G0557-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:40 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/20/2015 17:00	07/21/2015 06:54	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/20/2015 17:00	07/21/2015 06:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS



Sample Information

Client Sample ID: GC-4A

York Sample ID: 15G0557-03

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 6:40 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/20/2015 17:00	07/21/2015 06:54	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	69-130								
2037-26-5	Surrogate: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	88.9 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/21/2015 12:45	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/21/2015 12:45	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/21/2015 12:45	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH



Sample Information

Client Sample ID: GC-4A

York Sample ID: 15G0557-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:40 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH



Sample Information

Client Sample ID: GC-4A

York Sample ID: 15G0557-03

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 6:40 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:46	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:46	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:46	KH
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:46	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:46	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:46	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:46	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:46	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:46	KH
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:46	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH



Sample Information

Client Sample ID: GC-4A

York Sample ID: 15G0557-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:40 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:46	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:46	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:46	KH
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:46	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:46	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:46	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:46	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:46	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:46	KH
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:46	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:46	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:46	KH



Sample Information

Client Sample ID: GC-4A

York Sample ID: 15G0557-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:40 am

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:46	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 12:45	KH
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 14:46	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	24.7 %			10-65						
4165-62-2	Surrogate: Phenol-d5	16.9 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	54.4 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	45.8 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	34.8 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	42.9 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:15	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:15	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:15	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:15	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:15	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:15	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:15	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:15	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:15	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:15	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:15	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:15	AMC



Sample Information

Client Sample ID: GC-4A

York Sample ID: 15G0557-03

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 6:40 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:15	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:15	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:15	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:15	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:15	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:15	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:15	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:15	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:15	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:15	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	34.7 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	30.0 %	30-120								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 17:39	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 17:39	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 17:39	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 17:39	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D	105 %	30-150								

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-4A

York Sample ID: 15G0557-03

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 6:40 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:42	07/24/2015 15:22	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0580		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/22/2015 07:27	07/22/2015 13:52	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/27/2015 14:57	07/27/2015 15:42	PAM
Certifications:											



Sample Information

Client Sample ID: GC-5A

York Sample ID: 15G0557-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:48 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.20		mg/L	1.00	1.20	1	varies	07/27/2015 14:36	07/27/2015 16:21	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.40		mg/L	1.00	1.20	1	varies	07/27/2015 14:55	07/27/2015 15:47	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS



Sample Information

Client Sample ID: GC-5A

York Sample ID: 15G0557-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:48 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS



Sample Information

Client Sample ID: GC-5A

York Sample ID: 15G0557-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:48 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/20/2015 17:00	07/21/2015 07:25	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/20/2015 17:00	07/21/2015 07:25	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS



Sample Information

Client Sample ID: GC-5A

York Sample ID: 15G0557-04

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 6:48 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/20/2015 17:00	07/21/2015 07:25	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	69-130								
2037-26-5	Surrogate: Toluene-d8	99.0 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	91.0 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/21/2015 13:16	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/21/2015 13:16	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/21/2015 13:16	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH



Sample Information

Client Sample ID: GC-5A

York Sample ID: 15G0557-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:48 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH



Sample Information

Client Sample ID: GC-5A

York Sample ID: 15G0557-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:48 am

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:17	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:17	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:17	KH
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:17	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:17	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:17	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:17	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:17	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:17	KH
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:17	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH



Sample Information

Client Sample ID: GC-5A

York Sample ID: 15G0557-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:48 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:17	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:17	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:17	KH
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:17	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:17	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:17	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:17	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:17	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:17	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:17	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:17	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:17	KH



Sample Information

Client Sample ID: GC-5A

York Sample ID: 15G0557-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:48 am

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:17	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 13:16	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:17	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	29.7 %			10-65						
4165-62-2	Surrogate: Phenol-d5	21.4 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	65.8 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	51.3 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	42.2 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	52.9 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:30	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:30	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:30	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:30	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:30	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:30	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:30	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:30	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:30	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:30	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:30	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:30	AMC



Sample Information

Client Sample ID: GC-5A

York Sample ID: 15G0557-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:48 am

07/15/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:30	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:30	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:30	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:30	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:30	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:30	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:30	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:30	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:30	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:30	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	32.5 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	32.3 %	30-120								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 17:54	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 17:54	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 17:54	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 17:54	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D 100 %		30-150								

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-5A

York Sample ID: 15G0557-04

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 6:48 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:42	07/24/2015 15:22	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0580		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/22/2015 07:27	07/22/2015 13:52	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/27/2015 14:57	07/27/2015 15:42	PAM
Certifications:											



Sample Information

Client Sample ID: GC-6A

York Sample ID: 15G0557-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:55 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Nitrogen	2.10		mg/L	1.00	1.20	1	varies	07/27/2015 14:36	07/27/2015 16:21	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Nitrogen, Total-Dissolved	1.40		mg/L	1.00	1.20	1	varies	07/27/2015 14:55	07/27/2015 15:47	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/20/2015 17:00	07/21/2015 07:56	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 07:56	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 07:56	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 07:56	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 07:56	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 07:56	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 07:56	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 07:56	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 07:56	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 07:56	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	1.0		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 07:56	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 07:56	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 07:56	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 07:56	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-6A

York Sample ID: 15G0557-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:55 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
108-67-8	1,3,5-Trimethylbenzene	0.30	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
71-43-2	Benzene	0.57		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS



Sample Information

Client Sample ID: GC-6A

York Sample ID: 15G0557-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:55 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
100-41-4	Ethyl Benzene	0.58		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
95-47-6	o-Xylene	1.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/20/2015 17:00	07/21/2015 07:56	SS
179601-23-1	p- & m- Xylenes	2.2		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/20/2015 17:00	07/21/2015 07:56	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS



Sample Information

Client Sample ID: GC-6A

York Sample ID: 15G0557-05

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 6:55 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
108-88-3	Toluene	2.9		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
1330-20-7	* Xylenes, Total	3.2		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/20/2015 17:00	07/21/2015 07:56	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	69-130								
2037-26-5	Surrogate: Toluene-d8	103 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	93.1 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/21/2015 15:44	ZZZ
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/21/2015 15:44	ZZZ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/21/2015 15:44	ZZZ
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ



Sample Information

Client Sample ID: GC-6A

York Sample ID: 15G0557-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:55 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ



Sample Information

Client Sample ID: GC-6A

York Sample ID: 15G0557-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:55 am

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:48	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:48	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:48	KH
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:48	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:48	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:48	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:48	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:48	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:48	KH
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:48	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ



Sample Information

Client Sample ID: GC-6A

York Sample ID: 15G0557-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:55 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:48	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:48	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:48	KH
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:48	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:48	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:48	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:48	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:48	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:48	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:48	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:48	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:48	KH



Sample Information

Client Sample ID: GC-6A

York Sample ID: 15G0557-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 6:55 am

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:48	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:44	ZZZ
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 15:48	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	30.5 %			10-65						
4165-62-2	Surrogate: Phenol-d5	20.2 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	75.1 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	77.5 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	69.9 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	83.9 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:45	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:45	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:45	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:45	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:45	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:45	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:45	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:45	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:45	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:45	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:45	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:45	AMC



Sample Information

Client Sample ID: GC-6A

York Sample ID: 15G0557-05

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 6:55 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:45	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:45	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:45	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:45	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:45	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:45	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:45	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:45	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:45	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 08:08	07/21/2015 17:45	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	35.8 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	33.6 %	30-120								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 18:09	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 18:09	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 18:09	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 18:09	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D 114 %		30-150								

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-6A

York Sample ID: 15G0557-05

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 6:55 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:42	07/24/2015 15:22	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/22/2015 07:27	07/22/2015 13:52	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/27/2015 14:57	07/27/2015 15:42	PAM
Certifications:											



Sample Information

Client Sample ID: GC-7A

York Sample ID: 15G0557-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 7:05 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		ND		mg/L	1.00	1.20	1	varies	07/27/2015 14:36	07/27/2015 16:21	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.40		mg/L	1.00	1.20	1	varies	07/27/2015 14:55	07/27/2015 15:47	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/20/2015 17:00	07/21/2015 08:27	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 08:27	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 08:27	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 08:27	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 08:27	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 08:27	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 08:27	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 08:27	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 08:27	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 08:27	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 08:27	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 08:27	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 08:27	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 08:27	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-7A

York Sample ID: 15G0557-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 7:05 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS



Sample Information

Client Sample ID: GC-7A

York Sample ID: 15G0557-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 7:05 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/20/2015 17:00	07/21/2015 08:27	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/20/2015 17:00	07/21/2015 08:27	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS



Sample Information

Client Sample ID: GC-7A

York Sample ID: 15G0557-06

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 7:05 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/20/2015 17:00	07/21/2015 08:27	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	69-130								
2037-26-5	Surrogate: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	90.0 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/21/2015 16:19	ZZZ
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/21/2015 16:19	ZZZ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/21/2015 16:19	ZZZ
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ



Sample Information

Client Sample ID: GC-7A

York Sample ID: 15G0557-06

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 7:05 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ



Sample Information

Client Sample ID: GC-7A

York Sample ID: 15G0557-06

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 7:05 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
100-02-7	4-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
83-32-9	Acenaphthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	KH
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
120-12-7	Anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	KH
1912-24-9	Atrazine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	KH
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
92-87-5	Benzidine	ND		ug/L	11.1	22.2	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	KH
65-85-0	Benzoic acid	ND		ug/L	27.8	55.6	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
117-81-7	Bis(2-ethylhexyl)phthalate	0.589		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	KH
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ



Sample Information

Client Sample ID: GC-7A

York Sample ID: 15G0557-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 7:05 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
218-01-9	Chrysene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	KH
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
206-44-0	Fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	KH
86-73-7	Fluorene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	0.0222	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
67-72-1	Hexachloroethane	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	KH
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
91-20-3	Naphthalene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	KH
98-95-3	Nitrobenzene	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
87-86-5	Pentachlorophenol	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	KH



Sample Information

Client Sample ID: GC-7A

York Sample ID: 15G0557-06

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 7:05 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
85-01-8	Phenanthrene	0.0778		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	KH
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	ZZZ
129-00-0	Pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:19	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	35.5 %			10-65						
4165-62-2	Surrogate: Phenol-d5	22.2 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	75.5 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	74.7 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	69.1 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	88.8 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:37	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:37	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:37	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:37	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:37	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:37	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:37	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:37	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:37	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:37	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:37	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:37	AMC



Sample Information

Client Sample ID: GC-7A

York Sample ID: 15G0557-06

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 7:05 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:37	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:37	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:37	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:37	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:37	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:37	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:37	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:37	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:37	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:37	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	46.8 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	45.7 %	30-120								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 18:24	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 18:24	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 18:24	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 18:24	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D 107 %		30-150								

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-7A

York Sample ID: 15G0557-06

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 7:05 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:42	07/24/2015 15:22	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/22/2015 07:27	07/22/2015 13:52	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/27/2015 14:57	07/27/2015 15:42	PAM
Certifications:											



Sample Information

Client Sample ID: GC-8A

York Sample ID: 15G0557-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 7:13 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.10		mg/L	1.00	1.20	1	varies	07/27/2015 14:36	07/27/2015 16:21	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.30		mg/L	1.00	1.20	1	varies	07/27/2015 14:55	07/27/2015 15:47	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/20/2015 17:00	07/21/2015 08:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 08:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 08:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 08:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 08:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 08:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 08:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 08:57	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 08:57	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 08:57	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 08:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 08:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 08:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 08:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-8A

York Sample ID: 15G0557-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 7:13 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS



Sample Information

Client Sample ID: GC-8A

York Sample ID: 15G0557-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 7:13 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/20/2015 17:00	07/21/2015 08:57	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/20/2015 17:00	07/21/2015 08:57	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS



Sample Information

Client Sample ID: GC-8A

York Sample ID: 15G0557-07

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 7:13 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/20/2015 17:00	07/21/2015 08:57	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	69-130								
2037-26-5	Surrogate: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	89.0 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/21/2015 16:53	ZZZ
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/21/2015 16:53	ZZZ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/21/2015 16:53	ZZZ
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ



Sample Information

Client Sample ID: GC-8A

York Sample ID: 15G0557-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 7:13 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ



Sample Information

Client Sample ID: GC-8A

York Sample ID: 15G0557-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 7:13 am

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:49	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:49	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:49	KH
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:49	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:49	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:49	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:49	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:49	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:49	KH
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:49	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ



Sample Information

Client Sample ID: GC-8A

York Sample ID: 15G0557-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 7:13 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:49	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:49	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:49	KH
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:49	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:49	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:49	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:49	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:49	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:49	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:49	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:49	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:49	KH



Sample Information

Client Sample ID: GC-8A

York Sample ID: 15G0557-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 7:13 am

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:49	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:53	ZZZ
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 16:49	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	30.3 %			10-65						
4165-62-2	Surrogate: Phenol-d5	19.0 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	66.8 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	67.5 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	67.3 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	86.5 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:52	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:52	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:52	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:52	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:52	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:52	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:52	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:52	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:52	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:52	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:52	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:52	AMC



Sample Information

Client Sample ID: GC-8A

York Sample ID: 15G0557-07

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 7:13 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:52	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:52	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:52	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:52	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:52	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:52	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:52	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:52	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:52	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 16:52	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	32.5 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	39.4 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 18:39	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 18:39	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 18:39	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 18:39	AMC
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D	98.4 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-8A

York Sample ID: 15G0557-07

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 7:13 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:42	07/24/2015 15:22	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/22/2015 07:27	07/22/2015 13:52	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/27/2015 14:57	07/27/2015 15:42	PAM
Certifications:											



Sample Information

Client Sample ID: GC-9A

York Sample ID: 15G0557-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 7:25 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.50		mg/L	1.00	1.20	1	varies	07/27/2015 14:36	07/27/2015 16:21	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.30		mg/L	1.00	1.20	1	varies	07/27/2015 14:55	07/27/2015 15:47	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 08:08	07/21/2015 17:02	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 17:02	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 17:02	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 17:02	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 17:02	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 17:02	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 17:02	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 17:02	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 17:02	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 17:02	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 17:02	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 17:02	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 17:02	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 17:02	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-9A

York Sample ID: 15G0557-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 7:25 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS



Sample Information

Client Sample ID: GC-9A

York Sample ID: 15G0557-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 7:25 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 08:08	07/21/2015 17:02	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 08:08	07/21/2015 17:02	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS



Sample Information

Client Sample ID: GC-9A

York Sample ID: 15G0557-08

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 7:25 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 08:08	07/21/2015 17:02	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	94.9 %	69-130								
2037-26-5	Surrogate: Toluene-d8	104 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	90.8 %	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	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/21/2015 17:28	ZZZ
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/21/2015 17:28	ZZZ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/21/2015 17:28	ZZZ
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ



Sample Information

Client Sample ID: GC-9A

York Sample ID: 15G0557-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 7:25 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
91-58-7	2-Chloronaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
95-57-8	2-Chlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
91-57-6	2-Methylnaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
95-48-7	2-Methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
88-74-4	2-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
88-75-5	2-Nitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
99-09-2	3-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
106-47-8	4-Chloroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
100-01-6	4-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ



Sample Information

Client Sample ID: GC-9A

York Sample ID: 15G0557-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 7:25 am

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
83-32-9	Acenaphthene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:20	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:20	KH
98-86-2	Acetophenone	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
62-53-3	Aniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
120-12-7	Anthracene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:20	KH
1912-24-9	Atrazine	ND		ug/L	0.571	0.571	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:20	KH
100-52-7	Benzaldehyde	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
92-87-5	Benzidine	ND		ug/L	11.4	22.9	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:20	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:20	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:20	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:20	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:20	KH
65-85-0	Benzoic acid	ND		ug/L	28.6	57.1	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
100-51-6	Benzyl alcohol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.571	0.571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:20	KH
105-60-2	Caprolactam	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ



Sample Information

Client Sample ID: GC-9A

York Sample ID: 15G0557-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 7:25 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
218-01-9	Chrysene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:20	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:20	KH
132-64-9	Dibenzofuran	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
84-66-2	Diethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
131-11-3	Dimethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
206-44-0	Fluoranthene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:20	KH
86-73-7	Fluorene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:20	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0229	0.0229	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:20	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.571	0.571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:20	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
67-72-1	Hexachloroethane	ND		ug/L	0.571	0.571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:20	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:20	KH
78-59-1	Isophorone	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
91-20-3	Naphthalene	0.0686		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:20	KH
98-95-3	Nitrobenzene	ND		ug/L	0.286	0.286	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:20	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.571	0.571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
87-86-5	Pentachlorophenol	ND		ug/L	0.286	0.286	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:20	KH



Sample Information

Client Sample ID: GC-9A

York Sample ID: 15G0557-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 7:25 am

07/15/2015

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
85-01-8	Phenanthrene	0.126		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:20	KH
108-95-2	Phenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
129-00-0	Pyrene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:28	ZZZ
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	33.1 %			10-65						
4165-62-2	Surrogate: Phenol-d5	23.0 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	69.4 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	68.7 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	68.4 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	86.0 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:07	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:07	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:07	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:07	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:07	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:07	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:07	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:07	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:07	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:07	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:07	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:07	AMC



Sample Information

Client Sample ID: GC-9A

York Sample ID: 15G0557-08

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 7:25 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:07	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:07	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:07	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:07	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:07	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:07	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:07	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:07	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:07	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:07	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	36.1 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	31.7 %	30-120								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 18:54	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 18:54	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 18:54	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 18:54	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D 105 %		30-150								

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-9A

York Sample ID: 15G0557-08

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 7:25 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0610		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:42	07/24/2015 15:22	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.115		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/22/2015 07:27	07/22/2015 13:52	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/27/2015 14:57	07/27/2015 15:42	PAM
Certifications:											



Sample Information

Client Sample ID: GC-10A

York Sample ID: 15G0557-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 7:32 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.30		mg/L	1.00	1.20	1	varies	07/27/2015 14:36	07/27/2015 16:21	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.30		mg/L	1.00	1.20	1	varies	07/27/2015 14:55	07/27/2015 15:47	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 08:08	07/21/2015 17:33	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 17:33	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 17:33	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 17:33	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 17:33	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 17:33	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 17:33	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 17:33	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 17:33	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 17:33	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 17:33	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 17:33	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 17:33	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 17:33	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-10A

York Sample ID: 15G0557-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 7:32 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS



Sample Information

Client Sample ID: GC-10A

York Sample ID: 15G0557-09

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 7:32 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 08:08	07/21/2015 17:33	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 08:08	07/21/2015 17:33	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS



Sample Information

Client Sample ID: GC-10A

York Sample ID: 15G0557-09

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 7:32 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 08:08	07/21/2015 17:33	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %			69-130						
2037-26-5	Surrogate: Toluene-d8	102 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	89.3 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/22/2015 09:50	ZZZ
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/22/2015 09:50	ZZZ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/22/2015 09:50	ZZZ
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ



Sample Information

Client Sample ID: GC-10A

York Sample ID: 15G0557-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 7:32 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ



Sample Information

Client Sample ID: GC-10A

York Sample ID: 15G0557-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 7:32 am

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:50	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:50	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:50	KH
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:50	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:50	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:50	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:50	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:50	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:50	KH
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:50	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ



Sample Information

Client Sample ID: GC-10A

York Sample ID: 15G0557-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 7:32 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:50	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:50	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:50	KH
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:50	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:50	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:50	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:50	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:50	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:50	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:50	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:50	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:50	KH



Sample Information

Client Sample ID: GC-10A

York Sample ID: 15G0557-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 7:32 am

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:50	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 09:50	ZZZ
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 17:50	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	41.7 %			10-65						
4165-62-2	Surrogate: Phenol-d5	26.4 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	89.6 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	85.6 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	84.9 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	100 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:22	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:22	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:22	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:22	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:22	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:22	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:22	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:22	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:22	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:22	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:22	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:22	AMC



Sample Information

Client Sample ID: GC-10A

York Sample ID: 15G0557-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 7:32 am

07/15/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:22	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:22	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:22	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:22	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:22	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:22	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:22	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:22	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:22	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:22	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	38.4 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	37.7 %	30-120								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 19:09	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 19:09	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 19:09	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 19:09	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D	124 %	30-150								

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-10A

York Sample ID: 15G0557-09

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 7:32 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0650		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:42	07/24/2015 15:22	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0630		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/22/2015 07:27	07/22/2015 13:52	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/27/2015 14:57	07/27/2015 15:42	PAM
Certifications:											



Sample Information

Client Sample ID: GC-1B

York Sample ID: 15G0557-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:00 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.30		mg/L	1.00	1.20	1	varies	07/27/2015 14:36	07/27/2015 16:21	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		ND		mg/L	1.00	1.20	1	varies	07/27/2015 14:55	07/27/2015 15:47	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 08:08	07/21/2015 18:05	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 18:05	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 18:05	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 18:05	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 18:05	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 18:05	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 18:05	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 18:05	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 18:05	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 18:05	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 18:05	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 18:05	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 18:05	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 18:05	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-1B

York Sample ID: 15G0557-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:00 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS



Sample Information

Client Sample ID: GC-1B

York Sample ID: 15G0557-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:00 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 08:08	07/21/2015 18:05	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 08:08	07/21/2015 18:05	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS



Sample Information

Client Sample ID: GC-1B

York Sample ID: 15G0557-10

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:00 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 08:08	07/21/2015 18:05	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	69-130								
2037-26-5	Surrogate: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	92.5 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/22/2015 10:25	ZZZ
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/22/2015 10:25	ZZZ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/22/2015 10:25	ZZZ
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ



Sample Information

Client Sample ID: GC-1B

York Sample ID: 15G0557-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:00 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ



Sample Information

Client Sample ID: GC-1B

York Sample ID: 15G0557-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:00 am

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:21	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:21	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:21	KH
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:21	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:21	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:21	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:21	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:21	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:21	KH
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
117-81-7	Bis(2-ethylhexyl)phthalate	15.1		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ



Sample Information

Client Sample ID: GC-1B

York Sample ID: 15G0557-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:00 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:21	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:21	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:21	KH
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:21	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:21	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:21	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:21	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:21	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:21	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:21	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:21	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:21	KH



Sample Information

Client Sample ID: GC-1B

York Sample ID: 15G0557-10

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:00 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:21	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:25	ZZZ
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:21	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	37.2 %			10-65						
4165-62-2	Surrogate: Phenol-d5	23.7 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	82.3 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	81.1 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	77.4 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	98.3 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:37	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:37	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:37	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:37	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:37	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:37	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:37	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:37	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:37	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:37	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:37	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:37	AMC



Sample Information

Client Sample ID: GC-1B

York Sample ID: 15G0557-10

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:00 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:37	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:37	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:37	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:37	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:37	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:37	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:37	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:37	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:37	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 17:37	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	41.0 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	39.4 %	30-120								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 19:24	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 19:24	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 19:24	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 19:24	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D	99.8 %	30-150								

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-1B

York Sample ID: 15G0557-10

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:00 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0570		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:42	07/24/2015 15:22	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0500		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/22/2015 07:27	07/22/2015 13:52	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/27/2015 14:57	07/27/2015 15:42	PAM
Certifications:											



Sample Information

Client Sample ID: GC-2B

York Sample ID: 15G0557-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:07 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.30		mg/L	1.00	1.20	1	varies	07/27/2015 14:36	07/27/2015 16:21	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		ND		mg/L	1.00	1.20	1	varies	07/27/2015 14:55	07/27/2015 15:47	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 08:08	07/21/2015 18:36	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 18:36	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 18:36	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 18:36	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 18:36	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 18:36	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 18:36	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 18:36	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 18:36	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 18:36	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 18:36	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 18:36	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 18:36	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 18:36	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-2B

York Sample ID: 15G0557-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:07 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
67-64-1	Acetone	1.5	ICV-E, SCAL- E, J, B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS



Sample Information

Client Sample ID: GC-2B

York Sample ID: 15G0557-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:07 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 08:08	07/21/2015 18:36	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 08:08	07/21/2015 18:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS



Sample Information

Client Sample ID: GC-2B

York Sample ID: 15G0557-11

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:07 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 08:08	07/21/2015 18:36	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	69-130								
2037-26-5	Surrogate: Toluene-d8	104 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	91.4 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/22/2015 10:59	ZZZ
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/22/2015 10:59	ZZZ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/22/2015 10:59	ZZZ
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ



Sample Information

Client Sample ID: GC-2B

York Sample ID: 15G0557-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:07 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ



Sample Information

Client Sample ID: GC-2B

York Sample ID: 15G0557-11

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:07 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:51	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:51	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:51	KH
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:51	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:51	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:51	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:51	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:51	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:51	KH
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:51	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ



Sample Information

Client Sample ID: GC-2B

York Sample ID: 15G0557-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:07 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:51	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:51	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:51	KH
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:51	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:51	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:51	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:51	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:51	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:51	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:51	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:51	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:51	KH



Sample Information

Client Sample ID: GC-2B

York Sample ID: 15G0557-11

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:07 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:51	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 10:59	ZZZ
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 18:51	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	32.8 %			10-65						
4165-62-2	Surrogate: Phenol-d5	22.5 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	73.4 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	73.4 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	68.6 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	88.5 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:25	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:25	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:25	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:25	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:25	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:25	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:25	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:25	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:25	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:25	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:25	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:25	AMC



Sample Information

Client Sample ID: GC-2B

York Sample ID: 15G0557-11

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:07 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:25	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:25	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:25	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:25	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:25	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:25	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:25	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:25	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:25	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:25	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	51.2 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	47.0 %	30-120								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 19:39	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 19:39	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 19:39	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 19:39	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D	80.4 %	30-150								

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-2B

York Sample ID: 15G0557-11

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:07 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0650		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:42	07/24/2015 15:22	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0570		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/22/2015 07:27	07/22/2015 13:52	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/27/2015 14:57	07/27/2015 15:42	PAM
Certifications:											



Sample Information

Client Sample ID: GC-4B

York Sample ID: 15G0557-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:16 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.60		mg/L	1.00	1.20	1	varies	07/27/2015 14:36	07/27/2015 16:21	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.40		mg/L	1.00	1.20	1	varies	07/27/2015 14:55	07/27/2015 15:47	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 08:08	07/21/2015 19:08	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 19:08	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 19:08	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 19:08	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 19:08	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 19:08	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 19:08	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 19:08	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 19:08	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 19:08	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 19:08	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 19:08	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 19:08	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 19:08	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-4B

York Sample ID: 15G0557-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:16 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
67-64-1	Acetone	1.7	ICV-E, SCAL- E, J, B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS



Sample Information

Client Sample ID: GC-4B

York Sample ID: 15G0557-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:16 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 08:08	07/21/2015 19:08	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 08:08	07/21/2015 19:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS



Sample Information

Client Sample ID: GC-4B

York Sample ID: 15G0557-12

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:16 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 08:08	07/21/2015 19:08	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	69-130								
2037-26-5	Surrogate: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	89.8 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/22/2015 12:44	ZZZ
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/22/2015 12:44	ZZZ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	07/21/2015 07:48	07/22/2015 12:44	ZZZ
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ



Sample Information

Client Sample ID: GC-4B

York Sample ID: 15G0557-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:16 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ



Sample Information

Client Sample ID: GC-4B

York Sample ID: 15G0557-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:16 am

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 19:22	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 19:22	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 19:22	KH
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 19:22	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 19:22	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 19:22	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 19:22	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 19:22	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 19:22	KH
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 19:22	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ



Sample Information

Client Sample ID: GC-4B

York Sample ID: 15G0557-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:16 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 19:22	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 19:22	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 19:22	KH
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 19:22	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 19:22	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 19:22	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 19:22	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 19:22	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 19:22	KH
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 19:22	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 19:22	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/22/2015 12:44	ZZZ
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:48	07/21/2015 19:22	KH



Sample Information

Client Sample ID: GC-4B

York Sample ID: 15G0557-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:16 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for Phenanthrene, Phenol, Pyrene, and Surrogate Recoveries.

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Aldrin, alpha-BHC, alpha-Chlordane, beta-BHC, Chlordane, total, delta-BHC, Dieldrin, Endosulfan I, Endosulfan II.



Sample Information

Client Sample ID: GC-4B

York Sample ID: 15G0557-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:16 am

07/15/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:40	AMC
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:40	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:40	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:40	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:40	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:40	AMC
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:40	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:40	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:40	AMC
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:40	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	66.1 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	60.9 %	30-120								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 19:54	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 19:54	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 19:54	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 19:54	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D	94.2 %	30-150								

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-4B

York Sample ID: 15G0557-12

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:16 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0800		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:42	07/24/2015 15:22	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0780		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/22/2015 07:27	07/22/2015 13:52	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/27/2015 14:57	07/27/2015 15:42	PAM
Certifications:											



Sample Information

Client Sample ID: GC-5B

York Sample ID: 15G0557-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:25 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.20		mg/L	1.00	1.20	1	varies	07/27/2015 14:36	07/27/2015 16:21	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.80		mg/L	1.00	1.20	1	varies	07/27/2015 14:55	07/27/2015 15:47	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 08:08	07/21/2015 19:40	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 19:40	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 19:40	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 19:40	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 19:40	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 19:40	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 19:40	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 19:40	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 19:40	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 19:40	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 19:40	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 19:40	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 19:40	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 19:40	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-5B

York Sample ID: 15G0557-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:25 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS



Sample Information

Client Sample ID: GC-5B

York Sample ID: 15G0557-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:25 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 08:08	07/21/2015 19:40	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 08:08	07/21/2015 19:40	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS



Sample Information

Client Sample ID: GC-5B

York Sample ID: 15G0557-13

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:25 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 08:08	07/21/2015 19:40	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	69-130								
2037-26-5	Surrogate: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	92.8 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 11:21	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 11:21	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 11:21	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH



Sample Information

Client Sample ID: GC-5B

York Sample ID: 15G0557-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:25 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH



Sample Information

Client Sample ID: GC-5B

York Sample ID: 15G0557-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:25 am

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
83-32-9	Acenaphthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:47	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:47	KH
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
120-12-7	Anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:47	KH
1912-24-9	Atrazine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:47	KH
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
92-87-5	Benzidine	ND		ug/L	11.1	22.2	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:47	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:47	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:47	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:47	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:47	KH
65-85-0	Benzoic acid	ND		ug/L	27.8	55.6	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
117-81-7	Bis(2-ethylhexyl)phthalate	4.52		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:47	KH
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH



Sample Information

Client Sample ID: GC-5B

York Sample ID: 15G0557-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:25 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
218-01-9	Chrysene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:47	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:47	KH
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
206-44-0	Fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:47	KH
86-73-7	Fluorene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:47	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	0.0222	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:47	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:47	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
67-72-1	Hexachloroethane	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:47	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:47	KH
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
91-20-3	Naphthalene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:47	KH
98-95-3	Nitrobenzene	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:47	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:47	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:47	KH



Sample Information

Client Sample ID: GC-5B

York Sample ID: 15G0557-13

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:25 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
85-01-8	Phenanthrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:47	KH
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:21	KH
129-00-0	Pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:47	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	31.5 %			10-65						
4165-62-2	Surrogate: Phenol-d5	23.9 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	65.3 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	51.9 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	58.6 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	47.8 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:55	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:55	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:55	AMC
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:55	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:55	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:55	AMC
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:55	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0400	0.0400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:55	AMC
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:55	AMC
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:55	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:55	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:55	AMC



Sample Information

Client Sample ID: GC-5B

York Sample ID: 15G0557-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:25 am

07/15/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:55	AMC
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:55	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:55	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:55	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:55	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:55	AMC
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:55	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:55	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:55	AMC
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 18:55	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	40.6 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	36.0 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 20:09	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 20:09	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 20:09	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 20:09	AMC
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D	96.0 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-5B

York Sample ID: 15G0557-13

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:25 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:42	07/24/2015 15:22	SC
Certifications:									NELAC-NY10854,CTDOH,NJDEP		

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/22/2015 07:27	07/22/2015 13:52	SC
Certifications:									NELAC-NY10854,CTDOH,NJDEP		

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/27/2015 14:57	07/27/2015 15:42	PAM
Certifications:											



Sample Information

Client Sample ID: GC-6B

York Sample ID: 15G0557-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:35 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Nitrogen	2.20		mg/L	1.00	1.20	1	varies	07/27/2015 14:36	07/27/2015 16:21	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Nitrogen, Total-Dissolved	1.30		mg/L	1.00	1.20	1	varies	07/27/2015 14:55	07/27/2015 15:47	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 08:08	07/21/2015 20:11	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 20:11	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 20:11	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 20:11	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 20:11	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 20:11	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 20:11	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 20:11	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 20:11	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 20:11	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	0.50		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 20:11	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 20:11	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 20:11	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 20:11	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-6B

York Sample ID: 15G0557-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:35 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
71-43-2	Benzene	0.40	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS



Sample Information

Client Sample ID: GC-6B

York Sample ID: 15G0557-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:35 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
100-41-4	Ethyl Benzene	0.31	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
95-47-6	o-Xylene	0.54		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 08:08	07/21/2015 20:11	SS
179601-23-1	p- & m- Xylenes	1.1		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 08:08	07/21/2015 20:11	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS



Sample Information

Client Sample ID: GC-6B

York Sample ID: 15G0557-14

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:35 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
108-88-3	Toluene	1.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
1330-20-7	* Xylenes, Total	1.6		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 08:08	07/21/2015 20:11	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	69-130								
2037-26-5	Surrogate: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	90.2 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 11:52	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 11:52	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 11:52	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH



Sample Information

Client Sample ID: GC-6B

York Sample ID: 15G0557-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:35 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH



Sample Information

Client Sample ID: GC-6B

York Sample ID: 15G0557-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:35 am

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:18	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:18	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:18	KH
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:18	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:18	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:18	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:18	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:18	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:18	KH
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
117-81-7	Bis(2-ethylhexyl)phthalate	7.60		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH



Sample Information

Client Sample ID: GC-6B

York Sample ID: 15G0557-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:35 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:18	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:18	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:18	KH
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:18	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:18	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:18	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:18	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:18	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:18	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:18	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:18	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:18	KH



Sample Information

Client Sample ID: GC-6B

York Sample ID: 15G0557-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:35 am

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:18	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 11:52	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:18	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	26.2 %			10-65						
4165-62-2	Surrogate: Phenol-d5	20.3 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	59.9 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	48.0 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	55.0 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	45.2 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:10	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:10	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:10	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:10	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:10	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:10	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:10	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:10	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:10	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:10	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:10	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:10	AMC



Sample Information

Client Sample ID: GC-6B

York Sample ID: 15G0557-14

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:35 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:10	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:10	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:10	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:10	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:10	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:10	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:10	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:10	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:10	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:10	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	36.0 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	42.2 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 20:24	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 20:24	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 20:24	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 20:24	AMC
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D 105 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-6B

York Sample ID: 15G0557-14

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:35 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0530		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:42	07/24/2015 15:22	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0550		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/22/2015 07:27	07/22/2015 13:52	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/27/2015 14:57	07/27/2015 15:42	PAM
Certifications:											



Sample Information

Client Sample ID: GC-7B

York Sample ID: 15G0557-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:42 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.90		mg/L	1.00	1.20	1	varies	07/27/2015 14:36	07/27/2015 16:21	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		ND		mg/L	1.00	1.20	1	varies	07/27/2015 14:55	07/27/2015 15:47	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 08:08	07/21/2015 20:43	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 20:43	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 20:43	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 20:43	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 20:43	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 20:43	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 20:43	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 20:43	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 20:43	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 20:43	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 20:43	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 20:43	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 20:43	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 20:43	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-7B

York Sample ID: 15G0557-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:42 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS



Sample Information

Client Sample ID: GC-7B

York Sample ID: 15G0557-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:42 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 08:08	07/21/2015 20:43	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 08:08	07/21/2015 20:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS



Sample Information

Client Sample ID: GC-7B

York Sample ID: 15G0557-15

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:42 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 08:08	07/21/2015 20:43	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.8 %	69-130								
2037-26-5	Surrogate: Toluene-d8	103 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	94.7 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 12:23	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 12:23	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 12:23	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH



Sample Information

Client Sample ID: GC-7B

York Sample ID: 15G0557-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:42 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH



Sample Information

Client Sample ID: GC-7B

York Sample ID: 15G0557-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:42 am

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:49	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:49	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:49	KH
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:49	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:49	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:49	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:49	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:49	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:49	KH
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
117-81-7	Bis(2-ethylhexyl)phthalate	101		ug/L	25.0	50.0	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 22:28	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH



Sample Information

Client Sample ID: GC-7B

York Sample ID: 15G0557-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:42 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:49	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:49	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:49	KH
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:49	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:49	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:49	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:49	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:49	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:49	KH
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:49	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:49	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:49	KH



Sample Information

Client Sample ID: GC-7B

York Sample ID: 15G0557-15

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:42 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:49	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:23	KH
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:49	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	26.6 %			10-65						
4165-62-2	Surrogate: Phenol-d5	20.5 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	61.6 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	47.5 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	54.2 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	50.5 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:25	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:25	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:25	AMC
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:25	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:25	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:25	AMC
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:25	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0400	0.0400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:25	AMC
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:25	AMC
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:25	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:25	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:25	AMC



Sample Information

Client Sample ID: GC-7B

York Sample ID: 15G0557-15

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:42 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:25	AMC
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:25	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:25	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:25	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:25	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:25	AMC
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:25	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:25	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:25	AMC
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:25	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	27.3 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	43.1 %	30-120								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 20:39	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 20:39	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 20:39	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 20:39	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D	93.2 %	30-150								

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-7B

York Sample ID: 15G0557-15

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:42 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:42	07/24/2015 15:22	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0500		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/22/2015 07:27	07/22/2015 13:52	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/27/2015 14:57	07/27/2015 15:42	PAM
Certifications:											



Sample Information

Client Sample ID: GC-8B

York Sample ID: 15G0557-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:48 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.60		mg/L	1.00	1.20	1	varies	07/27/2015 14:36	07/27/2015 16:21	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		ND		mg/L	1.00	1.20	1	varies	07/27/2015 14:55	07/27/2015 15:47	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 08:08	07/21/2015 21:14	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 21:14	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 21:14	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 21:14	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 21:14	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 21:14	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 21:14	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 21:14	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 21:14	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 21:14	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 21:14	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 21:14	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 21:14	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 08:08	07/21/2015 21:14	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-8B

York Sample ID: 15G0557-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:48 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
71-43-2	Benzene	0.45	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS



Sample Information

Client Sample ID: GC-8B

York Sample ID: 15G0557-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:48 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
95-47-6	o-Xylene	0.23	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 08:08	07/21/2015 21:14	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 08:08	07/21/2015 21:14	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS



Sample Information

Client Sample ID: GC-8B

York Sample ID: 15G0557-16

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:48 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
108-88-3	Toluene	0.78		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
1330-20-7	* Xylenes, Total	0.72	J	ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 08:08	07/21/2015 21:14	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	69-130								
2037-26-5	Surrogate: Toluene-d8	100 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	90.7 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 12:54	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 12:54	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 12:54	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH



Sample Information

Client Sample ID: GC-8B

York Sample ID: 15G0557-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:48 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH



Sample Information

Client Sample ID: GC-8B

York Sample ID: 15G0557-16

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:48 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:19	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:19	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:19	KH
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:19	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:19	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:19	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:19	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:19	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:19	KH
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
117-81-7	Bis(2-ethylhexyl)phthalate	5.15		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH



Sample Information

Client Sample ID: GC-8B

York Sample ID: 15G0557-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:48 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows list various chemical compounds like Carbazole, Chrysene, Dibenzo(a,h)anthracene, etc.



Sample Information

Client Sample ID: GC-8B

York Sample ID: 15G0557-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:48 am

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:19	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 12:54	KH
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:19	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	31.5 %			10-65						
4165-62-2	Surrogate: Phenol-d5	25.4 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	72.6 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	55.2 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	63.8 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	54.1 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:40	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:40	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:40	AMC
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:40	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:40	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:40	AMC
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:40	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0400	0.0400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:40	AMC
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:40	AMC
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:40	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:40	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:40	AMC



Sample Information

Client Sample ID: GC-8B

York Sample ID: 15G0557-16

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:48 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:40	AMC
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:40	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:40	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:40	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:40	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:40	AMC
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:40	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:40	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:40	AMC
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:40	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	34.6 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	33.4 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 20:54	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 20:54	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 20:54	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 20:54	AMC
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D	99.8 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-8B

York Sample ID: 15G0557-16

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:48 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0570		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:42	07/24/2015 15:22	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0590		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/22/2015 07:27	07/22/2015 13:52	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/27/2015 14:57	07/27/2015 15:42	PAM
Certifications:											



Sample Information

Client Sample ID: GC-9B

York Sample ID: 15G0557-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:57 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.70		mg/L	1.00	1.20	1	varies	07/27/2015 14:36	07/27/2015 16:21	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.30		mg/L	1.00	1.20	1	varies	07/27/2015 14:55	07/27/2015 15:47	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 16:57	07/22/2015 01:20	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 01:20	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 01:20	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 01:20	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 01:20	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 01:20	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 01:20	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 01:20	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 01:20	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 01:20	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 01:20	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 01:20	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 01:20	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 01:20	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-9B

York Sample ID: 15G0557-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:57 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS



Sample Information

Client Sample ID: GC-9B

York Sample ID: 15G0557-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:57 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 01:20	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 01:20	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS



Sample Information

Client Sample ID: GC-9B

York Sample ID: 15G0557-17

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:57 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 16:57	07/22/2015 01:20	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	69-130								
2037-26-5	Surrogate: Toluene-d8	103 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	89.2 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 13:25	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 13:25	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 13:25	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH



Sample Information

Client Sample ID: GC-9B

York Sample ID: 15G0557-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:57 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH



Sample Information

Client Sample ID: GC-9B

York Sample ID: 15G0557-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:57 am

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
83-32-9	Acenaphthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:49	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:49	KH
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
120-12-7	Anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:49	KH
1912-24-9	Atrazine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:49	KH
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
92-87-5	Benzidine	ND		ug/L	11.1	22.2	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:49	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:49	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:49	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:49	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:49	KH
65-85-0	Benzoic acid	ND		ug/L	27.8	55.6	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
117-81-7	Bis(2-ethylhexyl)phthalate	4.64		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:49	KH
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH



Sample Information

Client Sample ID: GC-9B

York Sample ID: 15G0557-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:57 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
218-01-9	Chrysene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:49	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:49	KH
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
206-44-0	Fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:49	KH
86-73-7	Fluorene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:49	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	0.0222	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:49	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:49	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
67-72-1	Hexachloroethane	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:49	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:49	KH
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
91-20-3	Naphthalene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:49	KH
98-95-3	Nitrobenzene	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:49	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:49	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:49	KH



Sample Information

Client Sample ID: GC-9B

York Sample ID: 15G0557-17

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:57 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
85-01-8	Phenanthrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:49	KH
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:25	KH
129-00-0	Pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 13:49	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	30.8 %			10-65						
4165-62-2	Surrogate: Phenol-d5	24.2 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	63.4 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	49.7 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	60.9 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	48.3 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:55	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:55	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:55	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:55	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:55	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:55	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:55	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:55	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:55	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:55	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:55	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:55	AMC



Sample Information

Client Sample ID: GC-9B

York Sample ID: 15G0557-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 8:57 am

07/15/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:55	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:55	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:55	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:55	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:55	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:55	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:55	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:55	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:55	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 19:55	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	29.5 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	32.1 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 21:09	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 21:09	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 21:09	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 21:09	AMC
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D	87.6 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-9B

York Sample ID: 15G0557-17

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 8:57 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:42	07/24/2015 15:22	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0610		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/22/2015 07:27	07/22/2015 13:52	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/27/2015 14:57	07/27/2015 15:42	PAM
Certifications:											



Sample Information

Client Sample ID: GC-10B

York Sample ID: 15G0557-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 9:05 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		3.10		mg/L	1.00	1.20	1	varies	07/27/2015 14:36	07/27/2015 16:21	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		ND		mg/L	1.00	1.20	1	varies	07/27/2015 14:55	07/27/2015 15:47	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 16:57	07/22/2015 01:51	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 01:51	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 01:51	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 01:51	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 01:51	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 01:51	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 01:51	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 01:51	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 01:51	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 01:51	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 01:51	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 01:51	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 01:51	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 01:51	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-10B

York Sample ID: 15G0557-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 9:05 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS



Sample Information

Client Sample ID: GC-10B

York Sample ID: 15G0557-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 9:05 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 01:51	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 01:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS



Sample Information

Client Sample ID: GC-10B

York Sample ID: 15G0557-18

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 9:05 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 16:57	07/22/2015 01:51	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %			69-130						
2037-26-5	Surrogate: Toluene-d8	101 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	92.6 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 14:39	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 14:39	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 14:39	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH



Sample Information

Client Sample ID: GC-10B

York Sample ID: 15G0557-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 9:05 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH



Sample Information

Client Sample ID: GC-10B

York Sample ID: 15G0557-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 9:05 am

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:19	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:19	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:19	KH
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:19	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:19	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:19	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:19	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:19	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:19	KH
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
117-81-7	Bis(2-ethylhexyl)phthalate	3.08		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:19	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH



Sample Information

Client Sample ID: GC-10B

York Sample ID: 15G0557-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 9:05 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:19	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:19	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:19	KH
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:19	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:19	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:19	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:19	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:19	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:19	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:19	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:19	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:19	KH



Sample Information

Client Sample ID: GC-10B

York Sample ID: 15G0557-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 9:05 am

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:19	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:39	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:19	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	28.3 %			10-65						
4165-62-2	Surrogate: Phenol-d5	21.4 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	66.1 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	52.0 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	57.6 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	46.2 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:10	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:10	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:10	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:10	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:10	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:10	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:10	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:10	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:10	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:10	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:10	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:10	AMC



Sample Information

Client Sample ID: GC-10B

York Sample ID: 15G0557-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 9:05 am

07/15/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:10	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:10	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:10	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:10	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:10	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:10	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:10	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:10	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:10	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:10	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	41.7 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	53.8 %	30-120								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 21:39	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 21:39	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 21:39	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 21:39	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D	120 %	30-150								

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-10B

York Sample ID: 15G0557-18

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 9:05 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:42	07/24/2015 15:22	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0570		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/22/2015 07:27	07/22/2015 13:52	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/27/2015 14:57	07/27/2015 15:42	PAM
Certifications:											



Sample Information

Client Sample ID: GC-1C

York Sample ID: 15G0557-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 10:45 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.50		mg/L	1.00	1.20	1	varies	07/27/2015 14:36	07/27/2015 16:21	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		ND		mg/L	1.00	1.20	1	varies	07/27/2015 14:55	07/27/2015 15:47	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 16:57	07/22/2015 02:22	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 02:22	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 02:22	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 02:22	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 02:22	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 02:22	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 02:22	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 02:22	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 02:22	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 02:22	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 02:22	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 02:22	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 02:22	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 02:22	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-1C

York Sample ID: 15G0557-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 10:45 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS



Sample Information

Client Sample ID: GC-1C

York Sample ID: 15G0557-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 10:45 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 02:22	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 02:22	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS



Sample Information

Client Sample ID: GC-1C

York Sample ID: 15G0557-19

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 10:45 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 16:57	07/22/2015 02:22	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	69-130								
2037-26-5	Surrogate: Toluene-d8	103 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	88.9 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 15:11	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 15:11	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 15:11	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH



Sample Information

Client Sample ID: GC-1C

York Sample ID: 15G0557-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 10:45 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH



Sample Information

Client Sample ID: GC-1C

York Sample ID: 15G0557-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 10:45 am

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:50	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:50	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:50	KH
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:50	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:50	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:50	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:50	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:50	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:50	KH
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
117-81-7	Bis(2-ethylhexyl)phthalate	6.87		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH



Sample Information

Client Sample ID: GC-1C

York Sample ID: 15G0557-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 10:45 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:50	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:50	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:50	KH
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:50	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:50	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:50	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:50	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:50	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:50	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:50	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:50	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:50	KH



Sample Information

Client Sample ID: GC-1C

York Sample ID: 15G0557-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 10:45 am

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:50	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:11	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 14:50	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	28.9 %			10-65						
4165-62-2	Surrogate: Phenol-d5	22.8 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	67.5 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	51.2 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	57.9 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	45.3 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:25	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:25	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:25	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:25	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:25	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:25	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:25	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:25	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:25	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:25	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:25	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:25	AMC



Sample Information

Client Sample ID: GC-1C

York Sample ID: 15G0557-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 10:45 am

07/15/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:25	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:25	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:25	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:25	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:25	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:25	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:25	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:25	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:25	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:25	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	34.6 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	41.5 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 21:54	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 21:54	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 21:54	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 21:54	AMC
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D 116 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-1C

York Sample ID: 15G0557-19

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 10:45 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0800		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:42	07/24/2015 15:22	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.153		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/23/2015 07:30	07/23/2015 15:19	AD
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/27/2015 14:57	07/27/2015 15:42	PAM
Certifications:											



Sample Information

Client Sample ID: GC-2C

York Sample ID: 15G0557-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 10:55 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.20		mg/L	1.00	1.20	1	varies	07/27/2015 14:36	07/27/2015 16:21	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.40		mg/L	1.00	1.20	1	varies	07/27/2015 14:55	07/27/2015 15:47	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 16:57	07/22/2015 02:54	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 02:54	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 02:54	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 02:54	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 02:54	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 02:54	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 02:54	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 02:54	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 02:54	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 02:54	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 02:54	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 02:54	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 02:54	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 02:54	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-2C

York Sample ID: 15G0557-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 10:55 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS



Sample Information

Client Sample ID: GC-2C

York Sample ID: 15G0557-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 10:55 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 02:54	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 02:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS



Sample Information

Client Sample ID: GC-2C

York Sample ID: 15G0557-20

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 10:55 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 16:57	07/22/2015 02:54	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.2 %	69-130								
2037-26-5	Surrogate: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	93.9 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 15:42	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 15:42	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 15:42	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH



Sample Information

Client Sample ID: GC-2C

York Sample ID: 15G0557-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 10:55 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
95-48-7	2-Methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH



Sample Information

Client Sample ID: GC-2C

York Sample ID: 15G0557-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 10:55 am

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
83-32-9	Acenaphthene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:20	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:20	KH
98-86-2	Acetophenone	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
62-53-3	Aniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
120-12-7	Anthracene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:20	KH
1912-24-9	Atrazine	ND		ug/L	0.571	0.571	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:20	KH
100-52-7	Benzaldehyde	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
92-87-5	Benzidine	ND		ug/L	11.4	22.9	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:20	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:20	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:20	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:20	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:20	KH
65-85-0	Benzoic acid	ND		ug/L	28.6	57.1	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
117-81-7	Bis(2-ethylhexyl)phthalate	4.00		ug/L	0.571	0.571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:20	KH
105-60-2	Caprolactam	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH



Sample Information

Client Sample ID: GC-2C

York Sample ID: 15G0557-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 10:55 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
218-01-9	Chrysene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:20	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:20	KH
132-64-9	Dibenzofuran	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
206-44-0	Fluoranthene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:20	KH
86-73-7	Fluorene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:20	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0229	0.0229	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:20	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.571	0.571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:20	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
67-72-1	Hexachloroethane	ND		ug/L	0.571	0.571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:20	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:20	KH
78-59-1	Isophorone	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
91-20-3	Naphthalene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:20	KH
98-95-3	Nitrobenzene	ND		ug/L	0.286	0.286	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:20	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.571	0.571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:20	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.286	0.286	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:20	KH



Sample Information

Client Sample ID: GC-2C

York Sample ID: 15G0557-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 10:55 am

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:20	KH
108-95-2	Phenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:42	KH
129-00-0	Pyrene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:20	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	29.7 %			10-65						
4165-62-2	Surrogate: Phenol-d5	23.7 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	64.2 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	51.7 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	56.6 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	47.2 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:40	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:40	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:40	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:40	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:40	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:40	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:40	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:40	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:40	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:40	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:40	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:40	AMC



Sample Information

Client Sample ID: GC-2C

York Sample ID: 15G0557-20

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 10:55 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:40	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:40	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:40	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:40	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:40	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:40	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:40	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:40	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:40	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:40	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	53.7 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	49.7 %	30-120								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 22:08	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 22:08	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 22:08	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/16/2015 13:44	07/17/2015 22:08	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D	93.6 %	30-150								

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-2C

York Sample ID: 15G0557-20

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 10:55 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0610		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:42	07/24/2015 15:22	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.113		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/23/2015 07:30	07/23/2015 15:19	AD
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/27/2015 14:57	07/27/2015 15:42	PAM
Certifications:											



Sample Information

Client Sample ID: GC-4C

York Sample ID: 15G0557-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:05 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.00		mg/L	1.00	1.20	1	varies	07/28/2015 14:32	07/28/2015 16:05	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.40		mg/L	1.00	1.20	1	varies	07/28/2015 14:34	07/28/2015 16:13	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 16:57	07/22/2015 03:24	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 03:24	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 03:24	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 03:24	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 03:24	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 03:24	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 03:24	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 03:24	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 03:24	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 03:24	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 03:24	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 03:24	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 03:24	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 03:24	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-4C

York Sample ID: 15G0557-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:05 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
107-02-8	Acrolein	7.5	SCAL- E	ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS



Sample Information

Client Sample ID: GC-4C

York Sample ID: 15G0557-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:05 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 03:24	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 03:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS



Sample Information

Client Sample ID: GC-4C

York Sample ID: 15G0557-21

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 11:05 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 16:57	07/22/2015 03:24	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	94.3 %	69-130								
2037-26-5	Surrogate: Toluene-d8	104 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	93.1 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 21:56	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 21:56	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 21:56	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH



Sample Information

Client Sample ID: GC-4C

York Sample ID: 15G0557-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:05 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH



Sample Information

Client Sample ID: GC-4C

York Sample ID: 15G0557-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:05 am

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/24/2015 20:06	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/24/2015 20:06	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/24/2015 20:06	KH
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/24/2015 20:06	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/24/2015 20:06	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/24/2015 20:06	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/24/2015 20:06	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/24/2015 20:06	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/24/2015 20:06	KH
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
117-81-7	Bis(2-ethylhexyl)phthalate	8.18		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH



Sample Information

Client Sample ID: GC-4C

York Sample ID: 15G0557-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:05 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/24/2015 20:06	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/24/2015 20:06	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
206-44-0	Fluoranthene	0.123		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/24/2015 20:06	KH
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/24/2015 20:06	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/24/2015 20:06	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/24/2015 20:06	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/24/2015 20:06	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/24/2015 20:06	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
91-20-3	Naphthalene	0.0923		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/24/2015 20:06	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/24/2015 20:06	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/24/2015 20:06	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/24/2015 20:06	KH



Sample Information

Client Sample ID: GC-4C

York Sample ID: 15G0557-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:05 am

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/24/2015 20:06	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:56	KH
129-00-0	Pyrene	0.0615		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/24/2015 20:06	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	30.7 %			10-65						
4165-62-2	Surrogate: Phenol-d5	24.5 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	70.1 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	52.6 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	53.0 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	49.4 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:55	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:55	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:55	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:55	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:55	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:55	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:55	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:55	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:55	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:55	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:55	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:55	AMC



Sample Information

Client Sample ID: GC-4C

York Sample ID: 15G0557-21

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 11:05 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:55	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:55	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:55	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:55	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:55	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:55	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:55	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:55	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:55	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 20:55	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	35.5 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	30.0 %	30-120								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 17:10	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 17:10	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 17:10	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 17:10	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D 108 %		30-150								

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-4C

York Sample ID: 15G0557-21

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 11:05 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0950		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 16:40	07/27/2015 14:51	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.149		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/23/2015 07:30	07/23/2015 15:19	AD
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/28/2015 14:36	07/28/2015 16:24	PAM
Certifications:											



Sample Information

Client Sample ID: GC-5C

York Sample ID: 15G0557-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:15 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.70		mg/L	1.00	1.20	1	varies	07/28/2015 14:32	07/28/2015 16:05	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.50		mg/L	1.00	1.20	1	varies	07/28/2015 14:34	07/28/2015 16:13	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 16:57	07/22/2015 03:55	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 03:55	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 03:55	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 03:55	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 03:55	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 03:55	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 03:55	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 03:55	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 03:55	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 03:55	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 03:55	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 03:55	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 03:55	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 03:55	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-5C

York Sample ID: 15G0557-22

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 11:15 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS



Sample Information

Client Sample ID: GC-5C

York Sample ID: 15G0557-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:15 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 03:55	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 03:55	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS



Sample Information

Client Sample ID: GC-5C

York Sample ID: 15G0557-22

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 11:15 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 16:57	07/22/2015 03:55	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.5 %	69-130								
2037-26-5	Surrogate: Toluene-d8	103 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	89.2 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 16:13	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 16:13	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 16:13	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH



Sample Information

Client Sample ID: GC-5C

York Sample ID: 15G0557-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:15 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH



Sample Information

Client Sample ID: GC-5C

York Sample ID: 15G0557-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:15 am

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:51	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:51	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:51	KH
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:51	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:51	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:51	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:51	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:51	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:51	KH
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
117-81-7	Bis(2-ethylhexyl)phthalate	9.02		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH



Sample Information

Client Sample ID: GC-5C

York Sample ID: 15G0557-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:15 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:51	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:51	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:51	KH
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:51	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:51	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:51	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:51	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:51	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:51	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:51	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:51	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:51	KH



Sample Information

Client Sample ID: GC-5C

York Sample ID: 15G0557-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:15 am

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:51	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:13	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 15:51	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	30.4 %			10-65						
4165-62-2	Surrogate: Phenol-d5	24.6 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	69.2 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	52.0 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	59.0 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	49.5 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:10	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:10	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:10	AMC
309-00-2	Aldrin	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:10	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:10	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:10	AMC
319-85-7	beta-BHC	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:10	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0457	0.0457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:10	AMC
319-86-8	delta-BHC	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:10	AMC
60-57-1	Dieldrin	ND		ug/L	0.00229	0.00229	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:10	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:10	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:10	AMC



Sample Information

Client Sample ID: GC-5C

York Sample ID: 15G0557-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:15 am

07/15/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:10	AMC
72-20-8	Endrin	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:10	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0114	0.0114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:10	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0114	0.0114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:10	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:10	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0114	0.0114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:10	AMC
76-44-8	Heptachlor	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:10	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:10	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:10	AMC
8001-35-2	Toxaphene	ND		ug/L	0.114	0.114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:10	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	37.2 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	37.3 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 17:25	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 17:25	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 17:25	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 17:25	AMC
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D 106 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-5C

York Sample ID: 15G0557-22

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 11:15 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0650		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 16:40	07/27/2015 14:51	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.301		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/23/2015 07:30	07/23/2015 15:19	AD
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/28/2015 14:36	07/28/2015 16:24	PAM
Certifications:											



Sample Information

Client Sample ID: GC-6C

York Sample ID: 15G0557-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:25 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.90		mg/L	1.00	1.20	1	varies	07/28/2015 14:32	07/28/2015 16:05	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.30		mg/L	1.00	1.20	1	varies	07/28/2015 14:34	07/28/2015 16:13	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 16:57	07/22/2015 04:26	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 04:26	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 04:26	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 04:26	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 04:26	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 04:26	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 04:26	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 04:26	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 04:26	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 04:26	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 04:26	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 04:26	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 04:26	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 04:26	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-6C

York Sample ID: 15G0557-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:25 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS



Sample Information

Client Sample ID: GC-6C

York Sample ID: 15G0557-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:25 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 04:26	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 04:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS



Sample Information

Client Sample ID: GC-6C

York Sample ID: 15G0557-23

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 11:25 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
108-88-3	Toluene	0.37	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 16:57	07/22/2015 04:26	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.4 %	69-130								
2037-26-5	Surrogate: Toluene-d8	104 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	91.7 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 16:44	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 16:44	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 16:44	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH



Sample Information

Client Sample ID: GC-6C

York Sample ID: 15G0557-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:25 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH



Sample Information

Client Sample ID: GC-6C

York Sample ID: 15G0557-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:25 am

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
83-32-9	Acenaphthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:21	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:21	KH
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
120-12-7	Anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:21	KH
1912-24-9	Atrazine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:21	KH
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
92-87-5	Benzidine	ND		ug/L	11.1	22.2	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:21	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:21	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:21	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:21	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:21	KH
65-85-0	Benzoic acid	ND		ug/L	27.8	55.6	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
117-81-7	Bis(2-ethylhexyl)phthalate	5.33		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:21	KH
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH



Sample Information

Client Sample ID: GC-6C

York Sample ID: 15G0557-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:25 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
218-01-9	Chrysene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:21	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:21	KH
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
206-44-0	Fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:21	KH
86-73-7	Fluorene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:21	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	0.0222	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:21	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:21	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
67-72-1	Hexachloroethane	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:21	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:21	KH
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
91-20-3	Naphthalene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:21	KH
98-95-3	Nitrobenzene	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:21	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:21	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:21	KH



Sample Information

Client Sample ID: GC-6C

York Sample ID: 15G0557-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:25 am

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:21	KH
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:44	KH
129-00-0	Pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:21	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	30.1 %			10-65						
4165-62-2	Surrogate: Phenol-d5	24.0 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	63.9 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	49.4 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	55.6 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	46.0 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:25	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:25	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:25	AMC
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:25	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:25	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:25	AMC
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:25	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0400	0.0400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:25	AMC
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:25	AMC
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:25	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:25	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:25	AMC



Sample Information

Client Sample ID: GC-6C

York Sample ID: 15G0557-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:25 am

07/15/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:25	AMC
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:25	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:25	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:25	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:25	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:25	AMC
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:25	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:25	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:25	AMC
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:25	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	22.0 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	32.2 %	30-120								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 17:56	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 17:56	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 17:56	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 17:56	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D 114 %		30-150								

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-6C

York Sample ID: 15G0557-23

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 11:25 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0590		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 16:40	07/27/2015 14:51	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.215		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/23/2015 07:30	07/23/2015 15:19	AD
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/28/2015 14:36	07/28/2015 16:24	PAM
Certifications:											



Sample Information

Client Sample ID: GC-7C

York Sample ID: 15G0557-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:37 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.50		mg/L	1.00	1.20	1	varies	07/28/2015 14:32	07/28/2015 16:05	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.40		mg/L	1.00	1.20	1	varies	07/28/2015 14:34	07/28/2015 16:13	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 16:57	07/22/2015 04:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 04:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 04:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 04:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 04:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 04:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 04:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 04:57	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 04:57	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 04:57	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 04:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 04:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 04:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 04:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-7C

York Sample ID: 15G0557-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:37 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS



Sample Information

Client Sample ID: GC-7C

York Sample ID: 15G0557-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:37 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 04:57	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 04:57	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS



Sample Information

Client Sample ID: GC-7C

York Sample ID: 15G0557-24

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 11:37 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 16:57	07/22/2015 04:57	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	69-130								
2037-26-5	Surrogate: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	93.0 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 17:16	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 17:16	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 17:16	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH



Sample Information

Client Sample ID: GC-7C

York Sample ID: 15G0557-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:37 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH



Sample Information

Client Sample ID: GC-7C

York Sample ID: 15G0557-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:37 am

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:51	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:51	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:51	KH
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:51	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:51	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:51	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:51	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:51	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:51	KH
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
117-81-7	Bis(2-ethylhexyl)phthalate	4.83		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:51	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH



Sample Information

Client Sample ID: GC-7C

York Sample ID: 15G0557-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:37 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:51	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:51	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:51	KH
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:51	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:51	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:51	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:51	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:51	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:51	KH
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:51	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:51	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:51	KH



Sample Information

Client Sample ID: GC-7C

York Sample ID: 15G0557-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:37 am

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:51	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:16	KH
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 16:51	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	28.9 %			10-65						
4165-62-2	Surrogate: Phenol-d5	22.1 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	64.0 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	47.5 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	54.0 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	46.8 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:40	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:40	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:40	AMC
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:40	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:40	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:40	AMC
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:40	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0400	0.0400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:40	AMC
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:40	AMC
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:40	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:40	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:40	AMC



Sample Information

Client Sample ID: GC-7C

York Sample ID: 15G0557-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:37 am

07/15/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:40	AMC
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:40	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:40	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:40	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:40	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:40	AMC
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:40	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:40	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:40	AMC
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:40	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	55.2 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	49.0 %	30-120								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 18:11	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 18:11	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 18:11	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 18:11	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D	96.8 %	30-150								

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-7C

York Sample ID: 15G0557-24

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 11:37 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0830		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 16:40	07/27/2015 14:51	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.329		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/23/2015 07:30	07/23/2015 15:19	AD
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/28/2015 14:36	07/28/2015 16:24	PAM
Certifications:											



Sample Information

Client Sample ID: GC-8C

York Sample ID: 15G0557-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:44 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.90		mg/L	1.00	1.20	1	varies	07/28/2015 14:32	07/28/2015 16:05	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.40		mg/L	1.00	1.20	1	varies	07/28/2015 14:34	07/28/2015 16:13	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 16:57	07/22/2015 05:28	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 05:28	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 05:28	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 05:28	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 05:28	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 05:28	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 05:28	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 05:28	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 05:28	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 05:28	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 05:28	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 05:28	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 05:28	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 05:28	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-8C

York Sample ID: 15G0557-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:44 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS



Sample Information

Client Sample ID: GC-8C

York Sample ID: 15G0557-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:44 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 05:28	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 05:28	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS



Sample Information

Client Sample ID: GC-8C

York Sample ID: 15G0557-25

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 11:44 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 16:57	07/22/2015 05:28	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	69-130								
2037-26-5	Surrogate: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	90.7 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 17:47	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 17:47	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 17:47	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH



Sample Information

Client Sample ID: GC-8C

York Sample ID: 15G0557-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:44 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH



Sample Information

Client Sample ID: GC-8C

York Sample ID: 15G0557-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:44 am

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
83-32-9	Acenaphthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:22	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:22	KH
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
120-12-7	Anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:22	KH
1912-24-9	Atrazine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:22	KH
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
92-87-5	Benzidine	ND		ug/L	11.1	22.2	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:22	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:22	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:22	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:22	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:22	KH
65-85-0	Benzoic acid	ND		ug/L	27.8	55.6	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
117-81-7	Bis(2-ethylhexyl)phthalate	4.83		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:22	KH
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH



Sample Information

Client Sample ID: GC-8C

York Sample ID: 15G0557-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:44 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
218-01-9	Chrysene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:22	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:22	KH
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
206-44-0	Fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:22	KH
86-73-7	Fluorene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:22	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	0.0222	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:22	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:22	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
67-72-1	Hexachloroethane	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:22	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:22	KH
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
91-20-3	Naphthalene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:22	KH
98-95-3	Nitrobenzene	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:22	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:22	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:22	KH



Sample Information

Client Sample ID: GC-8C

York Sample ID: 15G0557-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:44 am

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:22	KH
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:47	KH
129-00-0	Pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:22	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	25.6 %			10-65						
4165-62-2	Surrogate: Phenol-d5	20.3 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	57.6 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	43.9 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	52.1 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	42.1 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:55	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:55	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:55	AMC
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:55	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:55	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:55	AMC
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:55	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0400	0.0400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:55	AMC
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:55	AMC
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:55	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:55	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:55	AMC



Sample Information

Client Sample ID: GC-8C

York Sample ID: 15G0557-25

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 11:44 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:55	AMC
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:55	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:55	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:55	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:55	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:55	AMC
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:55	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:55	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:55	AMC
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 07:46	07/22/2015 21:55	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	30.5 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	37.0 %	30-120								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 18:26	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 18:26	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 18:26	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 18:26	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D	69.8 %	30-150								

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-8C

York Sample ID: 15G0557-25

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 11:44 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0680		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 16:40	07/27/2015 14:51	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.145		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/23/2015 07:30	07/23/2015 15:19	AD
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/28/2015 14:36	07/28/2015 16:24	PAM
Certifications:											



Sample Information

Client Sample ID: GC-9C

York Sample ID: 15G0557-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:58 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.40		mg/L	1.00	1.20	1	varies	07/28/2015 14:32	07/28/2015 16:05	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.40		mg/L	1.00	1.20	1	varies	07/28/2015 14:34	07/28/2015 16:13	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 16:57	07/22/2015 05:59	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 05:59	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 05:59	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 05:59	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 05:59	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 05:59	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 05:59	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 05:59	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 05:59	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 05:59	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 05:59	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 05:59	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 05:59	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 05:59	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-9C

York Sample ID: 15G0557-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:58 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS



Sample Information

Client Sample ID: GC-9C

York Sample ID: 15G0557-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:58 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 05:59	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 05:59	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS



Sample Information

Client Sample ID: GC-9C

York Sample ID: 15G0557-26

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 11:58 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 16:57	07/22/2015 05:59	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.5 %	69-130								
2037-26-5	Surrogate: Toluene-d8	105 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	90.6 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 18:18	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 18:18	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 18:18	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH



Sample Information

Client Sample ID: GC-9C

York Sample ID: 15G0557-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:58 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH



Sample Information

Client Sample ID: GC-9C

York Sample ID: 15G0557-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:58 am

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:52	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:52	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:52	KH
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:52	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:52	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:52	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:52	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:52	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:52	KH
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
117-81-7	Bis(2-ethylhexyl)phthalate	9.61		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH



Sample Information

Client Sample ID: GC-9C

York Sample ID: 15G0557-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:58 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:52	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:52	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:52	KH
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:52	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:52	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:52	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:52	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:52	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:52	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:52	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:52	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:52	KH



Sample Information

Client Sample ID: GC-9C

York Sample ID: 15G0557-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 11:58 am

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:52	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:18	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 17:52	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	28.7 %			10-65						
4165-62-2	Surrogate: Phenol-d5	21.7 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	64.9 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	49.9 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	55.6 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	44.7 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:08	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:08	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:08	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:08	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:08	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:08	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:08	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:08	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:08	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:08	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:08	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:08	AMC



Sample Information

Client Sample ID: GC-9C

York Sample ID: 15G0557-26

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 11:58 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:08	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:08	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:08	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:08	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:08	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:08	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:08	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:08	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:08	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:08	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	33.0 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	32.1 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 18:41	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 18:41	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 18:41	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 18:41	AMC
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D 112 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-9C

York Sample ID: 15G0557-26

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 11:58 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 16:40	07/27/2015 14:51	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0930		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/23/2015 07:30	07/23/2015 15:19	AD
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/28/2015 14:36	07/28/2015 16:24	PAM
Certifications:											



Sample Information

Client Sample ID: GC-10C

York Sample ID: 15G0557-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 12:05 pm

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.40		mg/L	1.00	1.20	1	varies	07/28/2015 14:32	07/28/2015 16:05	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.30		mg/L	1.00	1.20	1	varies	07/28/2015 14:34	07/28/2015 16:13	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 16:57	07/22/2015 06:30	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 06:30	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 06:30	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 06:30	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 06:30	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 06:30	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 06:30	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 06:30	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 06:30	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 06:30	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 06:30	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 06:30	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 06:30	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 06:30	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-10C

York Sample ID: 15G0557-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 12:05 pm

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
67-64-1	Acetone	2.8	ICV-E, SCAL- E, B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
107-02-8	Acrolein	3.5	SCAL- E	ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS



Sample Information

Client Sample ID: GC-10C

York Sample ID: 15G0557-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 12:05 pm

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 06:30	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 06:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS



Sample Information

Client Sample ID: GC-10C

York Sample ID: 15G0557-27

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 12:05 pm	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 16:57	07/22/2015 06:30	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.3 %	69-130								
2037-26-5	Surrogate: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	94.7 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/23/2015 17:46	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/23/2015 17:46	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/23/2015 17:46	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH



Sample Information

Client Sample ID: GC-10C

York Sample ID: 15G0557-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 12:05 pm

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH



Sample Information

Client Sample ID: GC-10C

York Sample ID: 15G0557-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 12:05 pm

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:23	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:23	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:23	KH
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:23	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:23	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:23	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:23	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:23	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:23	KH
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
117-81-7	Bis(2-ethylhexyl)phthalate	4.39		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:23	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH



Sample Information

Client Sample ID: GC-10C

York Sample ID: 15G0557-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 12:05 pm

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:23	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:23	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:23	KH
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:23	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:23	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:23	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:23	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:23	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:23	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:23	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:23	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:23	KH



Sample Information

Client Sample ID: GC-10C

York Sample ID: 15G0557-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 12:05 pm

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:23	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 17:46	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:23	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	27.1 %			10-65						
4165-62-2	Surrogate: Phenol-d5	20.8 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	63.2 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	52.5 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	56.2 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	51.1 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:23	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:23	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:23	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:23	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:23	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:23	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:23	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:23	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:23	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:23	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:23	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:23	AMC



Sample Information

Client Sample ID: GC-10C

York Sample ID: 15G0557-27

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 12:05 pm	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:23	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:23	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:23	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:23	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:23	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:23	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:23	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:23	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:23	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:23	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	29.9 %	GC-Sur		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	33.4 %	r		30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 18:56	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 18:56	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 18:56	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 18:56	AMC
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D	112 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-10C

York Sample ID: 15G0557-27

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 12:05 pm	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 16:40	07/27/2015 14:51	SC
									Certifications: NELAC-NY10854,CTDOH,NJDEP		

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/23/2015 07:30	07/23/2015 15:19	AD
									Certifications: NELAC-NY10854,CTDOH,NJDEP		

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/28/2015 14:36	07/28/2015 16:24	PAM
									Certifications:		



Sample Information

Client Sample ID: GC-1D

York Sample ID: 15G0557-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 1:53 pm

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.40		mg/L	1.00	1.20	1	varies	07/28/2015 14:32	07/28/2015 16:05	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.30		mg/L	1.00	1.20	1	varies	07/28/2015 14:34	07/28/2015 16:13	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 16:57	07/22/2015 07:01	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 07:01	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 07:01	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 07:01	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 07:01	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 07:01	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 07:01	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 07:01	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 07:01	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 07:01	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 07:01	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 07:01	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 07:01	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 07:01	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-1D

York Sample ID: 15G0557-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 1:53 pm

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS



Sample Information

Client Sample ID: GC-1D

York Sample ID: 15G0557-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 1:53 pm

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 07:01	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 07:01	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS



Sample Information

Client Sample ID: GC-1D

York Sample ID: 15G0557-28

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 1:53 pm	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 16:57	07/22/2015 07:01	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.1 %	69-130								
2037-26-5	Surrogate: Toluene-d8	103 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	91.4 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 19:20	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 19:20	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 19:20	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH



Sample Information

Client Sample ID: GC-1D

York Sample ID: 15G0557-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 1:53 pm

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH



Sample Information

Client Sample ID: GC-1D

York Sample ID: 15G0557-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 1:53 pm

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:53	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:53	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:53	KH
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:53	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:53	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:53	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:53	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:53	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:53	KH
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
117-81-7	Bis(2-ethylhexyl)phthalate	3.62		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:53	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH



Sample Information

Client Sample ID: GC-1D

York Sample ID: 15G0557-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 1:53 pm

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:53	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:53	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:53	KH
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:53	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:53	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:53	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:53	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:53	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:53	KH
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:53	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:53	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:53	KH



Sample Information

Client Sample ID: GC-1D

York Sample ID: 15G0557-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 1:53 pm

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:53	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:20	KH
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 18:53	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	26.8 %			10-65						
4165-62-2	Surrogate: Phenol-d5	20.4 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	57.5 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	44.8 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	48.8 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	41.2 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:38	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:38	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:38	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:38	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:38	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:38	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:38	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:38	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:38	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:38	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:38	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:38	AMC



Sample Information

Client Sample ID: GC-1D

York Sample ID: 15G0557-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 1:53 pm

07/15/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:38	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:38	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:38	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:38	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:38	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:38	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:38	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:38	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:38	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:38	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	34.9 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	36.3 %	30-120								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 19:11	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 19:11	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 19:11	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 19:11	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D 117 %		30-150								

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-1D

York Sample ID: 15G0557-28

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 1:53 pm	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 16:40	07/27/2015 14:51	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.100		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/23/2015 07:30	07/23/2015 15:19	AD
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/28/2015 14:36	07/28/2015 16:24	PAM
Certifications:											



Sample Information

Client Sample ID: GC-2D

York Sample ID: 15G0557-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:00 pm

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.60		mg/L	1.00	1.20	1	varies	07/28/2015 14:32	07/28/2015 16:05	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.30		mg/L	1.00	1.20	1	varies	07/28/2015 14:34	07/28/2015 16:13	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 16:57	07/22/2015 07:32	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 07:32	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 07:32	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 07:32	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 07:32	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 07:32	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 07:32	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 07:32	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 07:32	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 07:32	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 07:32	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 07:32	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 07:32	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 07:32	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-2D

York Sample ID: 15G0557-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:00 pm

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS



Sample Information

Client Sample ID: GC-2D

York Sample ID: 15G0557-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:00 pm

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 07:32	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 07:32	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS



Sample Information

Client Sample ID: GC-2D

York Sample ID: 15G0557-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:00 pm

07/15/2015

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 16:57	07/22/2015 07:32	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	90.5 %			69-130						
2037-26-5	Surrogate: Toluene-d8	105 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	94.7 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 19:51	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 19:51	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 19:51	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH



Sample Information

Client Sample ID: GC-2D

York Sample ID: 15G0557-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:00 pm

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH



Sample Information

Client Sample ID: GC-2D

York Sample ID: 15G0557-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:00 pm

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:24	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:24	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:24	KH
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:24	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:24	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:24	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:24	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:24	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:24	KH
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
117-81-7	Bis(2-ethylhexyl)phthalate	4.41		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:24	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH



Sample Information

Client Sample ID: GC-2D

York Sample ID: 15G0557-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:00 pm

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:24	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:24	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:24	KH
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:24	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:24	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:24	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:24	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:24	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:24	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:24	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:24	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:24	KH



Sample Information

Client Sample ID: GC-2D

York Sample ID: 15G0557-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:00 pm

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:24	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:51	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 19:24	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	31.4 %			10-65						
4165-62-2	Surrogate: Phenol-d5	24.5 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	62.4 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	49.2 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	56.4 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	44.3 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:54	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:54	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:54	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:54	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:54	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:54	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:54	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:54	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:54	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:54	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:54	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:54	AMC



Sample Information

Client Sample ID: GC-2D

York Sample ID: 15G0557-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:00 pm

07/15/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:54	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:54	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:54	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:54	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:54	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:54	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:54	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:54	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:54	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 20:54	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	32.0 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	38.0 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 19:26	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 19:26	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 19:26	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 19:26	AMC
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 101 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-2D

York Sample ID: 15G0557-29

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 2:00 pm	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0610		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 16:40	07/27/2015 14:51	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.168		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/23/2015 07:30	07/23/2015 15:19	AD
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/28/2015 14:36	07/28/2015 16:24	PAM
Certifications:											



Sample Information

Client Sample ID: GC-4D

York Sample ID: 15G0557-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:15 pm

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.00		mg/L	1.00	1.20	1	varies	07/28/2015 14:32	07/28/2015 16:05	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		ND		mg/L	1.00	1.20	1	varies	07/28/2015 14:34	07/28/2015 16:13	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 16:57	07/22/2015 08:03	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 08:03	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 08:03	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 08:03	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 08:03	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 08:03	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 08:03	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 08:03	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 08:03	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 08:03	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 08:03	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 08:03	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 08:03	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 08:03	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-4D

York Sample ID: 15G0557-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:15 pm

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS



Sample Information

Client Sample ID: GC-4D

York Sample ID: 15G0557-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:15 pm

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 08:03	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 08:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS



Sample Information

Client Sample ID: GC-4D

York Sample ID: 15G0557-30

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 2:15 pm	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 16:57	07/22/2015 08:03	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	87.0 %	69-130								
2037-26-5	Surrogate: Toluene-d8	105 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	94.2 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 20:22	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 20:22	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 20:22	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH



Sample Information

Client Sample ID: GC-4D

York Sample ID: 15G0557-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:15 pm

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH



Sample Information

Client Sample ID: GC-4D

York Sample ID: 15G0557-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:15 pm

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:15	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:15	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:15	KH
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:15	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:15	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:15	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:15	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:15	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:15	KH
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
117-81-7	Bis(2-ethylhexyl)phthalate	5.24		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH



Sample Information

Client Sample ID: GC-4D

York Sample ID: 15G0557-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:15 pm

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:15	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:15	KH
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:15	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:15	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:15	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:15	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:15	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:15	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:15	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:15	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:15	KH



Sample Information

Client Sample ID: GC-4D

York Sample ID: 15G0557-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:15 pm

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:15	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:22	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:15	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	30.4 %			10-65						
4165-62-2	Surrogate: Phenol-d5	23.6 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	68.2 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	55.4 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	61.5 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	51.7 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:09	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:09	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:09	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:09	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:09	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:09	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:09	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:09	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:09	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:09	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:09	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:09	AMC



Sample Information

Client Sample ID: GC-4D

York Sample ID: 15G0557-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:15 pm

07/15/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:09	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:09	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:09	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:09	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:09	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:09	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:09	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:09	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:09	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:09	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	31.1 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	32.6 %	30-120								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 19:41	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 19:41	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 19:41	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 19:41	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D 112 %		30-150								

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-4D

York Sample ID: 15G0557-30

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 2:15 pm	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 16:40	07/27/2015 14:51	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.110		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/23/2015 07:30	07/23/2015 15:19	AD
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/28/2015 14:36	07/28/2015 16:24	PAM
Certifications:											



Sample Information

Client Sample ID: GC-5D

York Sample ID: 15G0557-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:25 pm

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.60		mg/L	1.00	1.20	1	varies	07/28/2015 14:32	07/28/2015 16:05	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		ND		mg/L	1.00	1.20	1	varies	07/28/2015 14:34	07/28/2015 16:13	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 16:57	07/22/2015 08:34	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 08:34	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 08:34	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 08:34	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 08:34	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 08:34	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 08:34	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 08:34	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 08:34	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 08:34	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 08:34	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 08:34	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 08:34	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 08:34	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-5D

York Sample ID: 15G0557-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:25 pm

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
107-02-8	Acrolein	2.0	SCAL-E, J	ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS



Sample Information

Client Sample ID: GC-5D

York Sample ID: 15G0557-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:25 pm

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 08:34	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 08:34	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS



Sample Information

Client Sample ID: GC-5D

York Sample ID: 15G0557-31

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 2:25 pm	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 16:57	07/22/2015 08:34	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	83.7 %	69-130								
2037-26-5	Surrogate: Toluene-d8	107 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	95.1 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 20:54	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 20:54	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 20:54	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH



Sample Information

Client Sample ID: GC-5D

York Sample ID: 15G0557-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:25 pm

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH



Sample Information

Client Sample ID: GC-5D

York Sample ID: 15G0557-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:25 pm

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:45	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:45	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:45	KH
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:45	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:45	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:45	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:45	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:45	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:45	KH
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
117-81-7	Bis(2-ethylhexyl)phthalate	28.1		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH



Sample Information

Client Sample ID: GC-5D

York Sample ID: 15G0557-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:25 pm

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:45	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:45	KH
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:45	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:45	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:45	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:45	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:45	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:45	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:45	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:45	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:45	KH



Sample Information

Client Sample ID: GC-5D

York Sample ID: 15G0557-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:25 pm

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:45	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 20:54	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 18:45	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	28.4 %			10-65						
4165-62-2	Surrogate: Phenol-d5	21.4 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	63.0 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	49.9 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	51.8 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	47.5 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:24	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:24	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:24	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:24	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:24	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:24	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:24	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:24	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:24	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:24	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:24	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:24	AMC



Sample Information

Client Sample ID: GC-5D

York Sample ID: 15G0557-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:25 pm

07/15/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:24	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:24	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:24	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:24	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:24	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:24	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:24	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:24	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:24	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:24	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	44.7 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	30.0 %	30-120								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 19:56	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 19:56	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 19:56	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 19:56	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D	89.4 %	30-150								

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-5D

York Sample ID: 15G0557-31

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 2:25 pm	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 16:40	07/27/2015 14:51	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.138		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/23/2015 07:30	07/23/2015 15:19	AD
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/28/2015 14:36	07/28/2015 16:24	PAM
Certifications:											



Sample Information

Client Sample ID: GC-6D

York Sample ID: 15G0557-32

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:32 pm

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.60		mg/L	1.00	1.20	1	varies	07/28/2015 14:32	07/28/2015 16:05	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.40		mg/L	1.00	1.20	1	varies	07/28/2015 14:34	07/28/2015 16:13	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 16:57	07/22/2015 09:05	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 09:05	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 09:05	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 09:05	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 09:05	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 09:05	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 09:05	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 09:05	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 09:05	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 09:05	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 09:05	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 09:05	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 09:05	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:57	07/22/2015 09:05	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-6D

York Sample ID: 15G0557-32

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:32 pm

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
107-02-8	Acrolein	2.6	SCAL-E	ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS



Sample Information

Client Sample ID: GC-6D

York Sample ID: 15G0557-32

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:32 pm

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 09:05	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:57	07/22/2015 09:05	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS



Sample Information

Client Sample ID: GC-6D

York Sample ID: 15G0557-32

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 2:32 pm	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 16:57	07/22/2015 09:05	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	75.1 %	69-130								
2037-26-5	Surrogate: Toluene-d8	114 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	99.8 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 21:25	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 21:25	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 05:50	07/22/2015 21:25	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH



Sample Information

Client Sample ID: GC-6D

York Sample ID: 15G0557-32

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:32 pm

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH



Sample Information

Client Sample ID: GC-6D

York Sample ID: 15G0557-32

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:32 pm

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 19:15	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 19:15	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 19:15	KH
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 19:15	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 19:15	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 19:15	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 19:15	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 19:15	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 19:15	KH
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
117-81-7	Bis(2-ethylhexyl)phthalate	9.76		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH



Sample Information

Client Sample ID: GC-6D

York Sample ID: 15G0557-32

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:32 pm

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 19:15	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 19:15	KH
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 19:15	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 19:15	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 19:15	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 19:15	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 19:15	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 19:15	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 19:15	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 19:15	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 19:15	KH



Sample Information

Client Sample ID: GC-6D

York Sample ID: 15G0557-32

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:32 pm

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 19:15	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/22/2015 21:25	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:50	07/23/2015 19:15	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	27.5 %			10-65						
4165-62-2	Surrogate: Phenol-d5	21.2 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	66.0 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	50.4 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	53.4 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	46.9 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:39	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:39	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:39	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:39	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:39	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:39	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:39	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:39	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:39	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:39	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:39	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:39	AMC



Sample Information

Client Sample ID: GC-6D

York Sample ID: 15G0557-32

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:32 pm

07/15/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:39	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:39	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:39	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:39	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:39	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:39	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:39	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:39	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:39	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:39	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	39.8 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	28.9 %	GC-Sur		30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 20:11	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 20:11	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 20:11	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 20:11	AMC
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D	105 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-6D

York Sample ID: 15G0557-32

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 2:32 pm	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0550		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 16:40	07/27/2015 14:51	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.106		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/23/2015 07:30	07/23/2015 15:19	AD
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/28/2015 14:36	07/28/2015 16:24	PAM
Certifications:											



Sample Information

Client Sample ID: GC-7D

York Sample ID: 15G0557-33

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:38 pm

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.30		mg/L	1.00	1.20	1	varies	07/28/2015 14:32	07/28/2015 16:05	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.80		mg/L	1.00	1.20	1	varies	07/28/2015 14:34	07/28/2015 16:13	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 16:59	07/22/2015 00:23	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 00:23	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 00:23	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 00:23	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 00:23	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 00:23	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 00:23	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 00:23	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 00:23	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 00:23	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 00:23	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 00:23	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 00:23	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 00:23	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-7D

York Sample ID: 15G0557-33

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:38 pm

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS



Sample Information

Client Sample ID: GC-7D

York Sample ID: 15G0557-33

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:38 pm

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:59	07/22/2015 00:23	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:59	07/22/2015 00:23	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS



Sample Information

Client Sample ID: GC-7D

York Sample ID: 15G0557-33

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 2:38 pm	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 16:59	07/22/2015 00:23	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	113 %	69-130								
2037-26-5	Surrogate: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	100 %	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	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 09:54	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 09:54	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 09:54	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH



Sample Information

Client Sample ID: GC-7D

York Sample ID: 15G0557-33

York Project (SDG) No.
15G0557

Client Project ID
14040.1-Grand Canal

Matrix
Water

Collection Date/Time
July 15, 2015 2:38 pm

Date Received
07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH



Sample Information

Client Sample ID: GC-7D

York Sample ID: 15G0557-33

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:38 pm

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
83-32-9	Acenaphthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:27	KH
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
120-12-7	Anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:27	KH
1912-24-9	Atrazine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:27	KH
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
92-87-5	Benzidine	ND		ug/L	10.8	21.6	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:27	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:27	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:27	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:27	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:27	KH
65-85-0	Benzoic acid	ND		ug/L	27.0	54.1	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
117-81-7	Bis(2-ethylhexyl)phthalate	7.17	B	ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:27	KH
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH



Sample Information

Client Sample ID: GC-7D

York Sample ID: 15G0557-33

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:38 pm

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
218-01-9	Chrysene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:27	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:27	KH
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
206-44-0	Fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:27	KH
86-73-7	Fluorene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:27	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	0.0216	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:27	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:27	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
67-72-1	Hexachloroethane	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:27	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:27	KH
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
91-20-3	Naphthalene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:27	KH
98-95-3	Nitrobenzene	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:27	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:27	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:27	KH



Sample Information

Client Sample ID: GC-7D

York Sample ID: 15G0557-33

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 2:38 pm	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
85-01-8	Phenanthrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:27	KH
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 09:54	KH
129-00-0	Pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:27	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	24.8 %			10-65						
4165-62-2	Surrogate: Phenol-d5	18.0 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	50.8 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	42.6 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	38.9 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	44.5 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:54	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:54	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:54	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:54	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:54	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:54	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:54	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:54	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:54	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:54	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:54	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:54	AMC



Sample Information

Client Sample ID: GC-7D

York Sample ID: 15G0557-33

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:38 pm

07/15/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:54	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:54	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:54	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:54	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:54	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:54	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:54	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:54	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:54	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 21:54	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	48.0 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	37.0 %	30-120								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 20:26	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 20:26	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 20:26	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 20:26	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D	81.0 %	30-150								

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-7D

York Sample ID: 15G0557-33

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 2:38 pm	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0570		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 16:40	07/27/2015 14:51	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0870		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/23/2015 07:30	07/23/2015 15:19	AD
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/28/2015 14:36	07/28/2015 16:24	PAM
Certifications:											



Sample Information

Client Sample ID: GC-8D

York Sample ID: 15G0557-34

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:43 pm

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.50		mg/L	1.00	1.20	1	varies	07/28/2015 14:32	07/28/2015 16:05	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.30		mg/L	1.00	1.20	1	varies	07/28/2015 14:34	07/28/2015 16:13	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 16:59	07/22/2015 00:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 00:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 00:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 00:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 00:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 00:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 00:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 00:57	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 00:57	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 00:57	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 00:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 00:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 00:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 00:57	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-8D

York Sample ID: 15G0557-34

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:43 pm

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS



Sample Information

Client Sample ID: GC-8D

York Sample ID: 15G0557-34

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:43 pm

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:59	07/22/2015 00:57	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:59	07/22/2015 00:57	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS



Sample Information

Client Sample ID: GC-8D

York Sample ID: 15G0557-34

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:43 pm

07/15/2015

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 16:59	07/22/2015 00:57	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %	69-130								
2037-26-5	Surrogate: Toluene-d8	100 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	103 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 10:25	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 10:25	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 10:25	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH



Sample Information

Client Sample ID: GC-8D

York Sample ID: 15G0557-34

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:43 pm

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH



Sample Information

Client Sample ID: GC-8D

York Sample ID: 15G0557-34

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:43 pm

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
83-32-9	Acenaphthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:57	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:57	KH
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
120-12-7	Anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:57	KH
1912-24-9	Atrazine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:57	KH
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
92-87-5	Benzidine	ND		ug/L	10.8	21.6	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:57	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:57	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:57	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:57	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:57	KH
65-85-0	Benzoic acid	ND		ug/L	27.0	54.1	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
117-81-7	Bis(2-ethylhexyl)phthalate	6.66	B	ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:57	KH
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH



Sample Information

Client Sample ID: GC-8D

York Sample ID: 15G0557-34

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:43 pm

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
218-01-9	Chrysene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:57	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:57	KH
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
206-44-0	Fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:57	KH
86-73-7	Fluorene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:57	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	0.0216	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:57	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:57	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
67-72-1	Hexachloroethane	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:57	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:57	KH
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
91-20-3	Naphthalene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:57	KH
98-95-3	Nitrobenzene	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:57	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:57	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:57	KH



Sample Information

Client Sample ID: GC-8D

York Sample ID: 15G0557-34

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:43 pm

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:57	KH
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:25	KH
129-00-0	Pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 13:57	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	26.9 %			10-65						
4165-62-2	Surrogate: Phenol-d5	19.7 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	52.5 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	45.8 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	38.4 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	41.8 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:09	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:09	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:09	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:09	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:09	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:09	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:09	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:09	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:09	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:09	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:09	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:09	AMC



Sample Information

Client Sample ID: GC-8D

York Sample ID: 15G0557-34

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:43 pm

07/15/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:09	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:09	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:09	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:09	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:09	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:09	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:09	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:09	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:09	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:09	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	27.2 %	GC-Sur		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	30.6 %	r		30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 20:41	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 20:41	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 20:41	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 20:41	AMC
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D	97.2 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-8D

York Sample ID: 15G0557-34

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 2:43 pm	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0570		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 16:40	07/27/2015 14:51	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0780		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/23/2015 07:30	07/23/2015 15:19	AD
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/28/2015 14:36	07/28/2015 16:24	PAM
Certifications:											



Sample Information

Client Sample ID: GC-9D

York Sample ID: 15G0557-35

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:55 pm

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.60		mg/L	1.00	1.20	1	varies	07/28/2015 14:32	07/28/2015 16:05	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		ND		mg/L	1.00	1.20	1	varies	07/28/2015 14:34	07/28/2015 16:13	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 16:59	07/22/2015 01:30	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 01:30	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 01:30	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 01:30	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 01:30	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 01:30	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 01:30	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 01:30	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 01:30	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 01:30	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 01:30	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 01:30	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 01:30	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 01:30	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-9D

York Sample ID: 15G0557-35

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:55 pm

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS



Sample Information

Client Sample ID: GC-9D

York Sample ID: 15G0557-35

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:55 pm

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:59	07/22/2015 01:30	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:59	07/22/2015 01:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS



Sample Information

Client Sample ID: GC-9D

York Sample ID: 15G0557-35

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:55 pm

07/15/2015

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 16:59	07/22/2015 01:30	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %	69-130								
2037-26-5	Surrogate: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	99.5 %	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	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 10:56	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 10:56	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 10:56	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH



Sample Information

Client Sample ID: GC-9D

York Sample ID: 15G0557-35

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:55 pm

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH



Sample Information

Client Sample ID: GC-9D

York Sample ID: 15G0557-35

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:55 pm

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
83-32-9	Acenaphthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:28	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:28	KH
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
120-12-7	Anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:28	KH
1912-24-9	Atrazine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:28	KH
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
92-87-5	Benzidine	ND		ug/L	10.8	21.6	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:28	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:28	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:28	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:28	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:28	KH
65-85-0	Benzoic acid	ND		ug/L	27.0	54.1	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
117-81-7	Bis(2-ethylhexyl)phthalate	6.66	B	ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:28	KH
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH



Sample Information

Client Sample ID: GC-9D

York Sample ID: 15G0557-35

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:55 pm

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
218-01-9	Chrysene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:28	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:28	KH
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
206-44-0	Fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:28	KH
86-73-7	Fluorene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:28	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	0.0216	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:28	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:28	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
67-72-1	Hexachloroethane	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:28	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:28	KH
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
91-20-3	Naphthalene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:28	KH
98-95-3	Nitrobenzene	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:28	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:28	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:28	KH



Sample Information

Client Sample ID: GC-9D

York Sample ID: 15G0557-35

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:55 pm

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:28	KH
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 10:56	KH
129-00-0	Pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:28	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	25.6 %			10-65						
4165-62-2	Surrogate: Phenol-d5	18.1 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	51.7 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	41.6 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	41.1 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	43.8 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:24	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:24	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:24	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:24	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:24	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:24	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:24	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:24	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:24	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:24	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:24	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:24	AMC



Sample Information

Client Sample ID: GC-9D

York Sample ID: 15G0557-35

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 2:55 pm

07/15/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:24	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:24	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:24	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:24	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:24	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:24	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:24	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:24	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:24	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:24	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	33.4 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	34.5 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 20:56	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 20:56	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 20:56	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 20:56	AMC
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D	98.6 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-9D

York Sample ID: 15G0557-35

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 2:55 pm	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 16:40	07/27/2015 14:51	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.108		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:34	07/24/2015 15:20	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/28/2015 14:36	07/28/2015 16:24	PAM
Certifications:											



Sample Information

Client Sample ID: GC-10D

York Sample ID: 15G0557-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 3:10 pm

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.70		mg/L	1.00	1.20	1	varies	07/28/2015 14:32	07/28/2015 16:05	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		ND		mg/L	1.00	1.20	1	varies	07/28/2015 14:34	07/28/2015 16:13	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	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,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS



Sample Information

Client Sample ID: GC-10D

York Sample ID: 15G0557-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 3:10 pm

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
107-02-8	Acrolein	2.0	J	ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS



Sample Information

Client Sample ID: GC-10D

York Sample ID: 15G0557-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 3:10 pm

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:59	07/22/2015 02:04	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:59	07/22/2015 02:04	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS



Sample Information

Client Sample ID: GC-10D

York Sample ID: 15G0557-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 3:10 pm

07/15/2015

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 16:59	07/22/2015 02:04	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %	69-130								
2037-26-5	Surrogate: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	101 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 11:26	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 11:26	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 11:26	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH



Sample Information

Client Sample ID: GC-10D

York Sample ID: 15G0557-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 3:10 pm

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH



Sample Information

Client Sample ID: GC-10D

York Sample ID: 15G0557-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 3:10 pm

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
83-32-9	Acenaphthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:59	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:59	KH
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
120-12-7	Anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:59	KH
1912-24-9	Atrazine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:59	KH
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
92-87-5	Benzidine	ND		ug/L	10.8	21.6	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:59	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:59	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:59	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:59	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:59	KH
65-85-0	Benzoic acid	ND		ug/L	27.0	54.1	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
117-81-7	Bis(2-ethylhexyl)phthalate	6.36	B	ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:59	KH
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH



Sample Information

Client Sample ID: GC-10D

York Sample ID: 15G0557-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 3:10 pm

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
218-01-9	Chrysene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:59	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:59	KH
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
206-44-0	Fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:59	KH
86-73-7	Fluorene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:59	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	0.0216	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:59	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:59	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
67-72-1	Hexachloroethane	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:59	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:59	KH
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
91-20-3	Naphthalene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:59	KH
98-95-3	Nitrobenzene	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:59	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:59	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:59	KH



Sample Information

Client Sample ID: GC-10D

York Sample ID: 15G0557-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 3:10 pm

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:59	KH
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:26	KH
129-00-0	Pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 14:59	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	22.7 %			10-65						
4165-62-2	Surrogate: Phenol-d5	16.5 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	46.8 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	40.5 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	35.7 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	37.5 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:39	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:39	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:39	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:39	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:39	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:39	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:39	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:39	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:39	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:39	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:39	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:39	AMC



Sample Information

Client Sample ID: GC-10D

York Sample ID: 15G0557-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 3:10 pm

07/15/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:39	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:39	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:39	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:39	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:39	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:39	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:39	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:39	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:39	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:39	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	32.8 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	31.8 %	30-120								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 21:11	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 21:11	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 21:11	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 21:11	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D 117 %		30-150								

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-10D

York Sample ID: 15G0557-36

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 3:10 pm	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0650		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 16:40	07/27/2015 14:51	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.130		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:34	07/24/2015 15:20	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/28/2015 14:36	07/28/2015 16:24	PAM
Certifications:											



Sample Information

Client Sample ID: GC-11A

York Sample ID: 15G0557-37

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 5:23 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.20		mg/L	1.00	1.20	1	varies	07/28/2015 14:32	07/28/2015 16:05	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.30		mg/L	1.00	1.20	1	varies	07/28/2015 14:34	07/28/2015 16:13	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 16:59	07/22/2015 02:38	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 02:38	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 02:38	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 02:38	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 02:38	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 02:38	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 02:38	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 02:38	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 02:38	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 02:38	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 02:38	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 02:38	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 02:38	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 02:38	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-11A

York Sample ID: 15G0557-37

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 5:23 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS



Sample Information

Client Sample ID: GC-11A

York Sample ID: 15G0557-37

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 5:23 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:59	07/22/2015 02:38	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:59	07/22/2015 02:38	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS



Sample Information

Client Sample ID: GC-11A

York Sample ID: 15G0557-37

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 5:23 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 16:59	07/22/2015 02:38	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %	69-130								
2037-26-5	Surrogate: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	107 %	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	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 11:57	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 11:57	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 11:57	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH



Sample Information

Client Sample ID: GC-11A

York Sample ID: 15G0557-37

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 5:23 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH



Sample Information

Client Sample ID: GC-11A

York Sample ID: 15G0557-37

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 5:23 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
100-02-7	4-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
83-32-9	Acenaphthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 15:30	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 15:30	KH
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
120-12-7	Anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 15:30	KH
1912-24-9	Atrazine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 15:30	KH
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
92-87-5	Benzidine	ND		ug/L	10.8	21.6	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 15:30	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 15:30	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 15:30	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 15:30	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 15:30	KH
65-85-0	Benzoic acid	ND		ug/L	27.0	54.1	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
117-81-7	Bis(2-ethylhexyl)phthalate	7.21	B	ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 15:30	KH
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH



Sample Information

Client Sample ID: GC-11A

York Sample ID: 15G0557-37

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 5:23 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
218-01-9	Chrysene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 15:30	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 15:30	KH
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
206-44-0	Fluoranthene	0.0865		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 15:30	KH
86-73-7	Fluorene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 15:30	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	0.0216	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 15:30	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 15:30	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
67-72-1	Hexachloroethane	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 15:30	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 15:30	KH
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
91-20-3	Naphthalene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 15:30	KH
98-95-3	Nitrobenzene	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 15:30	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 15:30	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 15:30	KH



Sample Information

Client Sample ID: GC-11A

York Sample ID: 15G0557-37

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 5:23 am

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 15:30	KH
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 11:57	KH
129-00-0	Pyrene	0.0649		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 15:30	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	23.0 %			10-65						
4165-62-2	Surrogate: Phenol-d5	17.6 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	46.6 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	43.0 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	35.2 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	44.9 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:54	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:54	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:54	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:54	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:54	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:54	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:54	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:54	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:54	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:54	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:54	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:54	AMC



Sample Information

Client Sample ID: GC-11A

York Sample ID: 15G0557-37

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 5:23 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:54	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:54	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:54	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:54	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:54	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:54	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:54	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:54	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:54	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 22:54	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	32.2 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	33.7 %	30-120								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 21:26	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 21:26	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 21:26	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 21:26	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D 107 %		30-150								

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-11A

York Sample ID: 15G0557-37

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 5:23 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0830		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 16:40	07/27/2015 14:51	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0910		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:34	07/24/2015 15:20	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/28/2015 14:36	07/28/2015 16:24	PAM
Certifications:											



Sample Information

Client Sample ID: GC-11B

York Sample ID: 15G0557-38

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 9:28 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.70		mg/L	1.00	1.20	1	varies	07/28/2015 14:32	07/28/2015 16:05	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		2.00		mg/L	1.00	1.20	1	varies	07/28/2015 14:34	07/28/2015 16:13	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 16:59	07/22/2015 03:12	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 03:12	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 03:12	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 03:12	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 03:12	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 03:12	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 03:12	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 03:12	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 03:12	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 03:12	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 03:12	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 03:12	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 03:12	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 03:12	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-11B

York Sample ID: 15G0557-38

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 9:28 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
75-15-0	Carbon disulfide	0.22	J, B	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS



Sample Information

Client Sample ID: GC-11B

York Sample ID: 15G0557-38

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 9:28 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:59	07/22/2015 03:12	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:59	07/22/2015 03:12	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS



Sample Information

Client Sample ID: GC-11B

York Sample ID: 15G0557-38

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 9:28 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 16:59	07/22/2015 03:12	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %	69-130								
2037-26-5	Surrogate: Toluene-d8	100 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	102 %	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	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 12:28	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 12:28	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 12:28	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH



Sample Information

Client Sample ID: GC-11B

York Sample ID: 15G0557-38

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 9:28 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH



Sample Information

Client Sample ID: GC-11B

York Sample ID: 15G0557-38

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 9:28 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
100-02-7	4-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
83-32-9	Acenaphthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:01	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:01	KH
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
120-12-7	Anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:01	KH
1912-24-9	Atrazine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:01	KH
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
92-87-5	Benzidine	ND		ug/L	10.8	21.6	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:01	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:01	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:01	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:01	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:01	KH
65-85-0	Benzoic acid	ND		ug/L	27.0	54.1	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
117-81-7	Bis(2-ethylhexyl)phthalate	7.03	B	ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:01	KH
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH



Sample Information

Client Sample ID: GC-11B

York Sample ID: 15G0557-38

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 9:28 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
218-01-9	Chrysene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:01	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:01	KH
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
206-44-0	Fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:01	KH
86-73-7	Fluorene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:01	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	0.0216	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:01	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:01	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
67-72-1	Hexachloroethane	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:01	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:01	KH
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
91-20-3	Naphthalene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:01	KH
98-95-3	Nitrobenzene	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:01	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:01	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:01	KH



Sample Information

Client Sample ID: GC-11B

York Sample ID: 15G0557-38

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 9:28 am

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:01	KH
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
129-00-0	Pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:28	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	18.7 %			10-65						
4165-62-2	Surrogate: Phenol-d5	12.9 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	43.3 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	35.2 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	33.0 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	33.3 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:09	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:09	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:09	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:09	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:09	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:09	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:09	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:09	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:09	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:09	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:09	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:09	AMC



Sample Information

Client Sample ID: GC-11B

York Sample ID: 15G0557-38

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 9:28 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:09	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:09	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:09	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:09	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:09	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:09	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:09	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:09	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:09	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:09	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	33.4 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	50.3 %	30-120								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 21:41	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 21:41	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 21:41	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 21:41	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D	95.4 %	30-150								

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-11B

York Sample ID: 15G0557-38

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 9:28 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 16:40	07/27/2015 14:51	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0550		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:34	07/24/2015 15:20	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	1.20		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/28/2015 14:36	07/28/2015 16:24	PAM
Certifications:											



Sample Information

Client Sample ID: GC-11C

York Sample ID: 15G0557-39

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 12:30 pm

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.90		mg/L	1.00	1.20	1	varies	07/28/2015 14:32	07/28/2015 16:05	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		ND		mg/L	1.00	1.20	1	varies	07/28/2015 14:34	07/28/2015 16:13	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 16:59	07/22/2015 03:45	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 03:45	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 03:45	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 03:45	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 03:45	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 03:45	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 03:45	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 03:45	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 03:45	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 03:45	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 03:45	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 03:45	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 03:45	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 03:45	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-11C

York Sample ID: 15G0557-39

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 12:30 pm

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
107-02-8	Acrolein	2.7		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS



Sample Information

Client Sample ID: GC-11C

York Sample ID: 15G0557-39

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 12:30 pm

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:59	07/22/2015 03:45	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:59	07/22/2015 03:45	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS



Sample Information

Client Sample ID: GC-11C

York Sample ID: 15G0557-39

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 12:30 pm

07/15/2015

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 16:59	07/22/2015 03:45	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %	69-130								
2037-26-5	Surrogate: Toluene-d8	105 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	99.0 %	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	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 12:58	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 12:58	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 12:58	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH



Sample Information

Client Sample ID: GC-11C

York Sample ID: 15G0557-39

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 12:30 pm

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH



Sample Information

Client Sample ID: GC-11C

York Sample ID: 15G0557-39

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 12:30 pm

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
83-32-9	Acenaphthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:31	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:31	KH
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
120-12-7	Anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:31	KH
1912-24-9	Atrazine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:31	KH
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
92-87-5	Benzidine	ND		ug/L	10.8	21.6	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:31	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:31	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:31	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:31	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:31	KH
65-85-0	Benzoic acid	ND		ug/L	27.0	54.1	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
117-81-7	Bis(2-ethylhexyl)phthalate	6.43	B	ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH



Sample Information

Client Sample ID: GC-11C

York Sample ID: 15G0557-39

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 12:30 pm

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
218-01-9	Chrysene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:31	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:31	KH
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
206-44-0	Fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:31	KH
86-73-7	Fluorene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:31	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	0.0216	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:31	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:31	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
67-72-1	Hexachloroethane	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:31	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:31	KH
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
91-20-3	Naphthalene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:31	KH
98-95-3	Nitrobenzene	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:31	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:31	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:31	KH



Sample Information

Client Sample ID: GC-11C

York Sample ID: 15G0557-39

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 12:30 pm

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:31	KH
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 12:58	KH
129-00-0	Pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 16:31	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	22.7 %			10-65						
4165-62-2	Surrogate: Phenol-d5	16.1 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	44.9 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	37.6 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	35.6 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	42.8 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:24	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:24	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:24	AMC
309-00-2	Aldrin	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:24	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:24	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:24	AMC
319-85-7	beta-BHC	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:24	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0432	0.0432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:24	AMC
319-86-8	delta-BHC	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:24	AMC
60-57-1	Dieldrin	ND		ug/L	0.00216	0.00216	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:24	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:24	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:24	AMC



Sample Information

Client Sample ID: GC-11C

York Sample ID: 15G0557-39

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 12:30 pm	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:24	AMC
72-20-8	Endrin	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:24	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:24	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0108	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:24	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:24	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0108	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:24	AMC
76-44-8	Heptachlor	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:24	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:24	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:24	AMC
8001-35-2	Toxaphene	ND		ug/L	0.108	0.108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:24	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	33.1 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	29.9 %	GC-Sur		30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 21:56	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 21:56	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 21:56	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 21:56	AMC
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D	97.6 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-11C

York Sample ID: 15G0557-39

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 12:30 pm	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0870		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 16:40	07/27/2015 14:51	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.110		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:34	07/24/2015 15:20	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/28/2015 14:36	07/28/2015 16:24	PAM
Certifications:											



Sample Information

Client Sample ID: GC-11D

York Sample ID: 15G0557-40

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 1:30 pm

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		3.20		mg/L	1.00	1.20	1	varies	07/28/2015 14:32	07/28/2015 16:05	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.40		mg/L	1.00	1.20	1	varies	07/28/2015 14:34	07/28/2015 16:13	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 16:59	07/22/2015 04:19	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 04:19	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 04:19	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 04:19	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 04:19	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 04:19	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 04:19	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 04:19	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 04:19	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 04:19	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 04:19	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 04:19	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 04:19	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 04:19	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-11D

York Sample ID: 15G0557-40

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 1:30 pm

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
107-02-8	Acrolein	4.3		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS



Sample Information

Client Sample ID: GC-11D

York Sample ID: 15G0557-40

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 1:30 pm

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:59	07/22/2015 04:19	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:59	07/22/2015 04:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS



Sample Information

Client Sample ID: GC-11D

York Sample ID: 15G0557-40

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 1:30 pm

07/15/2015

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 16:59	07/22/2015 04:19	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	69-130								
2037-26-5	Surrogate: Toluene-d8	103 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	101 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 13:29	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 13:29	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 13:29	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH



Sample Information

Client Sample ID: GC-11D

York Sample ID: 15G0557-40

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 1:30 pm

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH



Sample Information

Client Sample ID: GC-11D

York Sample ID: 15G0557-40

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 1:30 pm

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
83-32-9	Acenaphthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:02	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:02	KH
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
120-12-7	Anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:02	KH
1912-24-9	Atrazine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:02	KH
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
92-87-5	Benzidine	ND		ug/L	10.8	21.6	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:02	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:02	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:02	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:02	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:02	KH
65-85-0	Benzoic acid	ND		ug/L	27.0	54.1	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
117-81-7	Bis(2-ethylhexyl)phthalate	3.72	B	ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:02	KH
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH



Sample Information

Client Sample ID: GC-11D

York Sample ID: 15G0557-40

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 1:30 pm

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
218-01-9	Chrysene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:02	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:02	KH
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
206-44-0	Fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:02	KH
86-73-7	Fluorene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:02	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	0.0216	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:02	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:02	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
67-72-1	Hexachloroethane	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:02	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:02	KH
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
91-20-3	Naphthalene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:02	KH
98-95-3	Nitrobenzene	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:02	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:02	KH
621-64-7	N-nitroso-di-n-propylamine	4.32	J	ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:02	KH



Sample Information

Client Sample ID: GC-11D

York Sample ID: 15G0557-40

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 1:30 pm

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:02	KH
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:29	KH
129-00-0	Pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:02	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	16.3 %			10-65						
4165-62-2	Surrogate: Phenol-d5	11.2 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	35.1 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	28.2 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	28.0 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	33.0 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:39	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:39	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:39	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:39	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:39	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:39	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:39	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:39	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:39	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:39	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:39	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:39	AMC



Sample Information

Client Sample ID: GC-11D

York Sample ID: 15G0557-40

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 1:30 pm

07/15/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:39	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:39	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:39	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:39	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:39	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:39	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:39	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:39	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:39	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:39	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	30.0 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	37.5 %	30-120								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 22:11	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 22:11	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 22:11	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 06:30	07/20/2015 22:11	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D 113 %		30-150								

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-11D

York Sample ID: 15G0557-40

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 1:30 pm	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.100		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 16:40	07/27/2015 14:51	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.151		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:34	07/24/2015 15:20	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/28/2015 14:36	07/28/2015 16:24	PAM
Certifications:											



Sample Information

Client Sample ID: GC-12A

York Sample ID: 15G0557-41

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 5:22 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.30		mg/L	1.00	1.20	1	varies	07/28/2015 15:03	07/28/2015 16:05	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		3.50		mg/L	1.00	1.20	1	varies	07/28/2015 15:04	07/28/2015 16:13	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 16:59	07/22/2015 04:53	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 04:53	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 04:53	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 04:53	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 04:53	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 04:53	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 04:53	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 04:53	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 04:53	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 04:53	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 04:53	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 04:53	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 04:53	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 04:53	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-12A

York Sample ID: 15G0557-41

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 5:22 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS



Sample Information

Client Sample ID: GC-12A

York Sample ID: 15G0557-41

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 5:22 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:59	07/22/2015 04:53	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:59	07/22/2015 04:53	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS



Sample Information

Client Sample ID: GC-12A

York Sample ID: 15G0557-41

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 5:22 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
108-88-3	Toluene	0.45	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
79-01-6	Trichloroethylene	0.36	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 16:59	07/22/2015 04:53	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	69-130								
2037-26-5	Surrogate: Toluene-d8	98.7 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	103 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 13:59	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 13:59	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 13:59	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH



Sample Information

Client Sample ID: GC-12A

York Sample ID: 15G0557-41

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 5:22 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH



Sample Information

Client Sample ID: GC-12A

York Sample ID: 15G0557-41

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 5:22 am

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
83-32-9	Acenaphthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:33	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:33	KH
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
120-12-7	Anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:33	KH
1912-24-9	Atrazine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:33	KH
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
92-87-5	Benzidine	ND		ug/L	10.8	21.6	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:33	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:33	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:33	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:33	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:33	KH
65-85-0	Benzoic acid	ND		ug/L	27.0	54.1	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
117-81-7	Bis(2-ethylhexyl)phthalate	8.28	B	ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:33	KH
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH



Sample Information

Client Sample ID: GC-12A

York Sample ID: 15G0557-41

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 5:22 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
218-01-9	Chrysene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:33	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:33	KH
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
206-44-0	Fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:33	KH
86-73-7	Fluorene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:33	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	0.0216	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:33	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:33	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
67-72-1	Hexachloroethane	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:33	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:33	KH
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
91-20-3	Naphthalene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:33	KH
98-95-3	Nitrobenzene	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:33	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:33	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:33	KH



Sample Information

Client Sample ID: GC-12A

York Sample ID: 15G0557-41

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 5:22 am

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:33	KH
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 13:59	KH
129-00-0	Pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 17:33	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	21.4 %			10-65						
4165-62-2	Surrogate: Phenol-d5	15.7 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	47.6 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	40.5 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	34.6 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	44.7 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:54	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:54	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:54	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:54	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:54	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:54	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:54	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:54	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:54	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:54	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:54	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:54	AMC



Sample Information

Client Sample ID: GC-12A

York Sample ID: 15G0557-41

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 5:22 am

07/15/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:54	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:54	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:54	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:54	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:54	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:54	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:54	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:54	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:54	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/23/2015 23:54	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	34.7 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	30.8 %	30-120								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 06:02	07/21/2015 15:13	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 06:02	07/21/2015 15:13	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 06:02	07/21/2015 15:13	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 06:02	07/21/2015 15:13	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D	126 %	30-150								

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-12A

York Sample ID: 15G0557-41

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 5:22 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/28/2015 07:40	07/28/2015 15:05	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:34	07/24/2015 15:20	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	1.40		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/28/2015 15:05	07/28/2015 16:24	PAM
Certifications:											



Sample Information

Client Sample ID: GC-12B

York Sample ID: 15G0557-42

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 9:23 am

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.60		mg/L	1.00	1.20	1	varies	07/28/2015 15:03	07/28/2015 16:05	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		3.70		mg/L	1.00	1.20	1	varies	07/28/2015 15:04	07/28/2015 16:13	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/21/2015 16:59	07/22/2015 05:27	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 05:27	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 05:27	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 05:27	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 05:27	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 05:27	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 05:27	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 05:27	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 05:27	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 05:27	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 05:27	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 05:27	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 05:27	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/21/2015 16:59	07/22/2015 05:27	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-12B

York Sample ID: 15G0557-42

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 9:23 am

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS



Sample Information

Client Sample ID: GC-12B

York Sample ID: 15G0557-42

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 9:23 am

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:59	07/22/2015 05:27	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/21/2015 16:59	07/22/2015 05:27	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS



Sample Information

Client Sample ID: GC-12B

York Sample ID: 15G0557-42

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 9:23 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
79-01-6	Trichloroethylene	0.22	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/21/2015 16:59	07/22/2015 05:27	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	69-130								
2037-26-5	Surrogate: Toluene-d8	100 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	112 %	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	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 15:42	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 15:42	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 15:42	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH



Sample Information

Client Sample ID: GC-12B

York Sample ID: 15G0557-42

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 9:23 am

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH



Sample Information

Client Sample ID: GC-12B

York Sample ID: 15G0557-42

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 9:23 am

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
83-32-9	Acenaphthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:03	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:03	KH
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
120-12-7	Anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:03	KH
1912-24-9	Atrazine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:03	KH
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
92-87-5	Benzidine	ND		ug/L	10.8	21.6	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:03	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:03	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:03	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:03	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:03	KH
65-85-0	Benzoic acid	ND		ug/L	27.0	54.1	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
117-81-7	Bis(2-ethylhexyl)phthalate	6.03	B	ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:03	KH
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH



Sample Information

Client Sample ID: GC-12B

York Sample ID: 15G0557-42

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 9:23 am

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
218-01-9	Chrysene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:03	KH
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
206-44-0	Fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:03	KH
86-73-7	Fluorene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:03	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	0.0216	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:03	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:03	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
67-72-1	Hexachloroethane	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:03	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:03	KH
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
91-20-3	Naphthalene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:03	KH
98-95-3	Nitrobenzene	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:03	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:03	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:03	KH



Sample Information

Client Sample ID: GC-12B

York Sample ID: 15G0557-42

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 9:23 am

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:03	KH
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 15:42	KH
129-00-0	Pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:03	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	23.6 %			10-65						
4165-62-2	Surrogate: Phenol-d5	17.4 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	53.5 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	47.0 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	49.6 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	41.0 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:09	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:09	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:09	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:09	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:09	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:09	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:09	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:09	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:09	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:09	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:09	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:09	AMC



Sample Information

Client Sample ID: GC-12B

York Sample ID: 15G0557-42

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 9:23 am

07/15/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:09	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:09	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:09	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:09	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:09	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:09	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:09	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:09	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:09	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:09	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	32.3 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	53.0 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 06:02	07/21/2015 15:28	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 06:02	07/21/2015 15:28	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 06:02	07/21/2015 15:28	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 06:02	07/21/2015 15:28	AMC
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D 128 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-12B

York Sample ID: 15G0557-42

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 9:23 am	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/28/2015 07:40	07/28/2015 15:05	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:34	07/24/2015 15:20	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	1.60		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/28/2015 15:05	07/28/2015 16:24	PAM
Certifications:											



Sample Information

Client Sample ID: GC-12C

York Sample ID: 15G0557-43

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 12:25 pm

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.50		mg/L	1.00	1.20	1	varies	07/28/2015 15:03	07/28/2015 16:05	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		2.50		mg/L	1.00	1.20	1	varies	07/28/2015 15:04	07/28/2015 16:13	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS



Sample Information

Client Sample ID: GC-12C

York Sample ID: 15G0557-43

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 12:25 pm

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS



Sample Information

Client Sample ID: GC-12C

York Sample ID: 15G0557-43

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 12:25 pm

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/20/2015 17:00	07/21/2015 03:50	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/20/2015 17:00	07/21/2015 03:50	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS



Sample Information

Client Sample ID: GC-12C

York Sample ID: 15G0557-43

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 12:25 pm

07/15/2015

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/20/2015 17:00	07/21/2015 03:50	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	69-130								
2037-26-5	Surrogate: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	88.5 %	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	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 16:13	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 16:13	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 16:13	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH



Sample Information

Client Sample ID: GC-12C

York Sample ID: 15G0557-43

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 12:25 pm

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH



Sample Information

Client Sample ID: GC-12C

York Sample ID: 15G0557-43

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 12:25 pm

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
83-32-9	Acenaphthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:34	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:34	KH
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
120-12-7	Anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:34	KH
1912-24-9	Atrazine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:34	KH
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
92-87-5	Benzidine	ND		ug/L	10.8	21.6	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:34	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:34	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:34	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:34	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:34	KH
65-85-0	Benzoic acid	ND		ug/L	27.0	54.1	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
117-81-7	Bis(2-ethylhexyl)phthalate	6.09	B	ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:34	KH
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH



Sample Information

Client Sample ID: GC-12C

York Sample ID: 15G0557-43

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 12:25 pm

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
218-01-9	Chrysene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:34	KH
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
206-44-0	Fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:34	KH
86-73-7	Fluorene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:34	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	0.0216	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:34	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:34	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
67-72-1	Hexachloroethane	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:34	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:34	KH
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
91-20-3	Naphthalene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:34	KH
98-95-3	Nitrobenzene	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:34	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:34	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:34	KH



Sample Information

Client Sample ID: GC-12C

York Sample ID: 15G0557-43

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 12:25 pm

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:34	KH
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:13	KH
129-00-0	Pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 18:34	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	21.4 %			10-65						
4165-62-2	Surrogate: Phenol-d5	17.0 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	48.9 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	36.5 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	46.9 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	38.9 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:24	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:24	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:24	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:24	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:24	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:24	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:24	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:24	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:24	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:24	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:24	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:24	AMC



Sample Information

Client Sample ID: GC-12C

York Sample ID: 15G0557-43

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 12:25 pm	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:24	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:24	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:24	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:24	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:24	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:24	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:24	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:24	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:24	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:24	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	29.9 %	GC-Sur		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	30.8 %	r		30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 06:02	07/21/2015 15:43	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 06:02	07/21/2015 15:43	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 06:02	07/21/2015 15:43	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 06:02	07/21/2015 15:43	AMC
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D	104 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-12C

York Sample ID: 15G0557-43

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 12:25 pm	<u>Date Received</u> 07/15/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0590		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/28/2015 07:40	07/28/2015 15:05	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0760		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:34	07/24/2015 15:20	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/28/2015 15:05	07/28/2015 16:24	PAM
Certifications:											



Sample Information

Client Sample ID: GC-12D

York Sample ID: 15G0557-44

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 1:38 pm

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.40		mg/L	1.00	1.20	1	varies	07/28/2015 15:03	07/28/2015 16:05	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		3.20		mg/L	1.00	1.20	1	varies	07/28/2015 15:04	07/28/2015 16:13	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/20/2015 17:00	07/21/2015 04:20	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 04:20	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 04:20	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 04:20	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 04:20	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 04:20	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 04:20	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 04:20	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 04:20	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 04:20	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 04:20	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 04:20	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 04:20	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/20/2015 17:00	07/21/2015 04:20	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: GC-12D

York Sample ID: 15G0557-44

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 1:38 pm

07/15/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS



Sample Information

Client Sample ID: GC-12D

York Sample ID: 15G0557-44

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 1:38 pm

07/15/2015

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
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/20/2015 17:00	07/21/2015 04:20	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/20/2015 17:00	07/21/2015 04:20	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS



Sample Information

Client Sample ID: GC-12D

York Sample ID: 15G0557-44

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 1:38 pm

07/15/2015

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/20/2015 17:00	07/21/2015 04:20	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.0 %	69-130								
2037-26-5	Surrogate: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	90.1 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 16:44	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 16:44	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 16:44	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH



Sample Information

Client Sample ID: GC-12D

York Sample ID: 15G0557-44

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 1:38 pm

07/15/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH



Sample Information

Client Sample ID: GC-12D

York Sample ID: 15G0557-44

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 1:38 pm

07/15/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
83-32-9	Acenaphthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:05	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:05	KH
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
120-12-7	Anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:05	KH
1912-24-9	Atrazine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:05	KH
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
92-87-5	Benzidine	ND		ug/L	11.1	22.2	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:05	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:05	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:05	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:05	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:05	KH
65-85-0	Benzoic acid	ND		ug/L	27.8	55.6	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
117-81-7	Bis(2-ethylhexyl)phthalate	6.50	B	ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:05	KH
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH



Sample Information

Client Sample ID: GC-12D

York Sample ID: 15G0557-44

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 1:38 pm

07/15/2015

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
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
218-01-9	Chrysene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:05	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:05	KH
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
206-44-0	Fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:05	KH
86-73-7	Fluorene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:05	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	0.0222	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:05	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:05	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
67-72-1	Hexachloroethane	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:05	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:05	KH
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
91-20-3	Naphthalene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:05	KH
98-95-3	Nitrobenzene	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:05	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:05	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:05	KH



Sample Information

Client Sample ID: GC-12D

York Sample ID: 15G0557-44

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 1:38 pm

07/15/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:05	KH
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 16:44	KH
129-00-0	Pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:05	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	22.2 %			10-65						
4165-62-2	Surrogate: Phenol-d5	17.2 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	47.8 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	40.8 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	45.2 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	38.4 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:39	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:39	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:39	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:39	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:39	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:39	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:39	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:39	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:39	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:39	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:39	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:39	AMC



Sample Information

Client Sample ID: GC-12D

York Sample ID: 15G0557-44

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 1:38 pm

07/15/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:39	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:39	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:39	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:39	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:39	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:39	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:39	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:39	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:39	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:39	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	38.5 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	36.4 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 06:02	07/21/2015 15:58	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 06:02	07/21/2015 15:58	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 06:02	07/21/2015 15:58	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 06:02	07/21/2015 15:58	AMC
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D	124 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-12D

York Sample ID: 15G0557-44

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 1:38 pm	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0850		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/28/2015 07:40	07/28/2015 15:05	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.110		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	07/24/2015 09:34	07/24/2015 15:20	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/28/2015 15:05	07/28/2015 16:24	PAM
Certifications:											



Sample Information

Client Sample ID: Replicate

York Sample ID: 15G0557-45

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 3:00 pm

07/15/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.70		mg/L	1.00	1.20	1	varies	07/28/2015 15:03	07/28/2015 16:05	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		3.90		mg/L	1.00	1.20	1	varies	07/28/2015 15:04	07/28/2015 16:13	PAM
Certifications:											

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	07/22/2015 13:12	07/23/2015 17:15	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 17:15	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 17:15	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	07/22/2015 13:12	07/23/2015 17:15	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH



Sample Information

Client Sample ID: Replicate

York Sample ID: 15G0557-45

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 3:00 pm

07/15/2015

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	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
83-32-9	Acenaphthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:35	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:35	KH
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
120-12-7	Anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:35	KH



Sample Information

Client Sample ID: Replicate

York Sample ID: 15G0557-45

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 3:00 pm

07/15/2015

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
1912-24-9	Atrazine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:35	KH
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
92-87-5	Benzidine	ND		ug/L	11.1	22.2	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:35	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:35	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:35	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:35	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:35	KH
65-85-0	Benzoic acid	ND		ug/L	27.8	55.6	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
117-81-7	Bis(2-ethylhexyl)phthalate	6.27	B	ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:35	KH
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
218-01-9	Chrysene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:35	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:35	KH
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH



Sample Information

Client Sample ID: Replicate

York Sample ID: 15G0557-45

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 3:00 pm	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

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
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
206-44-0	Fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:35	KH
86-73-7	Fluorene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:35	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	0.0222	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:35	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:35	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
67-72-1	Hexachloroethane	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:35	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:35	KH
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
91-20-3	Naphthalene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:35	KH
98-95-3	Nitrobenzene	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:35	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:35	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:35	KH
85-01-8	Phenanthrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:35	KH
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/23/2015 17:15	KH
129-00-0	Pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 13:12	07/24/2015 19:35	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	Surrogate: 2-Fluorophenol	17.0 %	10-65
4165-62-2	Surrogate: Phenol-d5	13.4 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	36.6 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	33.8 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	38.3 %	10-128



Sample Information

Client Sample ID: Replicate

York Sample ID: 15G0557-45

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 3:00 pm

07/15/2015

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
1718-51-0	Surrogate: Terphenyl-d14	32.4 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:54	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:54	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:54	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:54	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:54	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:54	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:54	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:54	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:54	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:54	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:54	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:54	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:54	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:54	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:54	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:54	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:54	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:54	AMC



Sample Information

Client Sample ID: Replicate

York Sample ID: 15G0557-45

<u>York Project (SDG) No.</u> 15G0557	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 3:00 pm	<u>Date Received</u> 07/15/2015
--	---	------------------------	--	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:54	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:54	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:54	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 05:10	07/24/2015 00:54	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	38.8 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	34.4 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 06:02	07/21/2015 16:13	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 06:02	07/21/2015 16:13	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 06:02	07/21/2015 16:13	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	07/21/2015 06:02	07/21/2015 16:13	AMC
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (D)	105 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0760		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	07/28/2015 07:40	07/28/2015 15:05	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

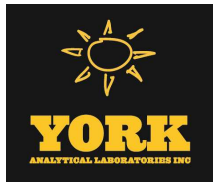
Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0650		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	07/24/2015 09:34	07/24/2015 15:20	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Replicate

York Sample ID: 15G0557-45

York Project (SDG) No.
15G0557

Client Project ID
14040.1-Grand Canal

Matrix
Water

Collection Date/Time
July 15, 2015 3:00 pm

Date Received
07/15/2015

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	07/28/2015 15:05	07/28/2015 16:24	PAM
Certifications:											



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 15G0557-46

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 3:00 pm

07/15/2015

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,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
78-93-3	2-Butanone	1.6		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 15G0557-46

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 3:00 pm

07/15/2015

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
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
67-64-1	Acetone	7.3	ICV-E, SCAL-E, B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
67-66-3	Chloroform	0.22	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 15G0557-46

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 3:00 pm

07/15/2015

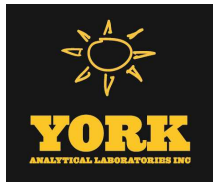
Volatile Organics, 8260 - Comprehensive

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
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/20/2015 17:00	07/21/2015 05:22	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/20/2015 17:00	07/21/2015 05:22	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 15G0557-46

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0557

14040.1-Grand Canal

Water

July 15, 2015 3:00 pm

07/15/2015

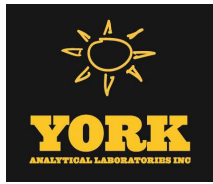
Volatile Organics, 8260 - Comprehensive

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,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/20/2015 17:00	07/21/2015 05:22	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %			69-130						
2037-26-5	Surrogate: Toluene-d8	102 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	92.3 %			79-122						



Case Narrative

Client: Cashin Associates, P.C.
Client Project ID: 14040.1-Grand Canal
Prepared for: Keith W. Brewer

Introduction

This Case Narrative applies to the following samples submitted to our laboratory on **7/15/2015 7:25:00 PM** :

GC-10A	Water
GC-10B	Water
GC-10C	Water
GC-10D	Water
GC-11A	Water
GC-11B	Water
GC-11C	Water
GC-11D	Water
GC-12A	Water
GC-12B	Water
GC-12C	Water
GC-12D	Water
GC-1A	Water
GC-1B	Water
GC-1C	Water
GC-1D	Water
GC-2A	Water
GC-2B	Water
GC-2C	Water
GC-2D	Water
GC-4A	Water
GC-4B	Water
GC-4C	Water
GC-4D	Water
GC-5A	Water
GC-5B	Water
GC-5C	Water
GC-5D	Water
GC-6A	Water
GC-6B	Water
GC-6C	Water
GC-6D	Water
GC-7A	Water
GC-7B	Water
GC-7C	Water



GC-7D	Water
GC-8A	Water
GC-8B	Water
GC-8C	Water
GC-8D	Water
GC-9A	Water
GC-9B	Water
GC-9C	Water
GC-9D	Water
Replicate	Water
Trip Blank	Water

The 46 sample(s) were received intact in a custody-sealed cooler unless otherwise noted. Upon receipt, cooler temperature(s) was determined using a NIST traceable digital infrared thermometer. The cooler temperature was acceptable (2-6oC) and documented as:

Cooler 4.3 C

Chain-of-custody was maintained from receipt through analysis in the laboratory.

Semi-Volatile Organics

Bis(2-ethylhexyl) phthalate is an organic compound that is commonly used as a plasticizer in PVC and other plastics. It is also widely known to be sporadically and unintentionally introduced as a laboratory contaminant during the analysis of acid and base-neutral extractables by USEPA Method 8270.

Upon reviewing the Method 8270 data for York Work Order #15G0557, it was suspected that positive detections of Bis(2-ethylhexyl) phthalate may be laboratory contaminants (false positives). Although holding times had been exceeded, a representative number of samples (six) were re-extracted and re-analyzed by Method 8270. In all six re-analyses, no positive detections of Bis(2-ethylhexyl) phthalate were determined.

Based on the laboratory's knowledge and experience with this contaminant, and the results of the re-analyses, we believe that the reported values for Bis(2-ethylhexyl) phthalate in field samples associated with this Work Order are false positives resulting from a laboratory contaminant.



Analytical Batch Summary

Batch ID: BG50853

Preparation Method: EPA 3535A

Prepared By: TFD

YORK Sample ID	Client Sample ID	Preparation Date
15G0557-01	GC-1A	07/16/15
15G0557-02	GC-2A	07/16/15
15G0557-03	GC-4A	07/16/15
15G0557-04	GC-5A	07/16/15
15G0557-05	GC-6A	07/16/15
15G0557-06	GC-7A	07/16/15
15G0557-07	GC-8A	07/16/15
15G0557-08	GC-9A	07/16/15
15G0557-09	GC-10A	07/16/15
15G0557-10	GC-1B	07/16/15
15G0557-11	GC-2B	07/16/15
15G0557-12	GC-4B	07/16/15
15G0557-13	GC-5B	07/16/15
15G0557-14	GC-6B	07/16/15
15G0557-15	GC-7B	07/16/15
15G0557-16	GC-8B	07/16/15
15G0557-17	GC-9B	07/16/15
15G0557-18	GC-10B	07/16/15
15G0557-19	GC-1C	07/16/15
15G0557-20	GC-2C	07/16/15
BG50853-BLK1	Blank	07/16/15
BG50853-BS1	LCS	07/16/15
BG50853-BSD1	LCS Dup	07/16/15

Batch ID: BG50947

Preparation Method: EPA 3535A

Prepared By: TFD

YORK Sample ID	Client Sample ID	Preparation Date
15G0557-21	GC-4C	07/20/15
15G0557-22	GC-5C	07/20/15
15G0557-23	GC-6C	07/20/15
15G0557-24	GC-7C	07/20/15
15G0557-25	GC-8C	07/20/15
15G0557-26	GC-9C	07/20/15
15G0557-27	GC-10C	07/20/15
15G0557-28	GC-1D	07/20/15
15G0557-29	GC-2D	07/20/15
15G0557-30	GC-4D	07/20/15
15G0557-31	GC-5D	07/20/15
15G0557-32	GC-6D	07/20/15
15G0557-33	GC-7D	07/20/15
15G0557-34	GC-8D	07/20/15
15G0557-35	GC-9D	07/20/15
15G0557-36	GC-10D	07/20/15
15G0557-37	GC-11A	07/20/15
15G0557-38	GC-11B	07/20/15
15G0557-39	GC-11C	07/20/15



15G0557-40	GC-11D	07/20/15
BG50947-BLK1	Blank	07/20/15
BG50947-BS1	LCS	07/20/15
BG50947-BSD1	LCS Dup	07/20/15

Batch ID: BG51006 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15G0557-01	GC-1A	07/20/15
15G0557-02	GC-2A	07/20/15
15G0557-03	GC-4A	07/20/15
15G0557-04	GC-5A	07/20/15
15G0557-05	GC-6A	07/20/15
15G0557-06	GC-7A	07/20/15
15G0557-07	GC-8A	07/20/15
15G0557-43	GC-12C	07/20/15
15G0557-44	GC-12D	07/20/15
15G0557-46	Trip Blank	07/20/15
BG51006-BLK1	Blank	07/20/15
BG51006-BS1	LCS	07/20/15
BG51006-BSD1	LCS Dup	07/20/15

Batch ID: BG51009 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
15G0557-01	GC-1A	07/20/15
15G0557-02	GC-2A	07/20/15
15G0557-03	GC-4A	07/20/15
15G0557-04	GC-5A	07/20/15
15G0557-05	GC-6A	07/20/15
BG51009-BLK1	Blank	07/20/15
BG51009-BS1	LCS	07/20/15
BG51009-BSD1	LCS Dup	07/20/15

Batch ID: BG51024 **Preparation Method:** EPA 3535A **Prepared By:** TFD

YORK Sample ID	Client Sample ID	Preparation Date
15G0557-41	GC-12A	07/21/15
15G0557-42	GC-12B	07/21/15
15G0557-43	GC-12C	07/21/15
15G0557-44	GC-12D	07/21/15
15G0557-45	Replicate	07/21/15
BG51024-BLK1	Blank	07/21/15
BG51024-BS1	LCS	07/21/15
BG51024-BSD1	LCS Dup	07/21/15

Batch ID: BG51032 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
----------------	------------------	------------------



15G0557-06	GC-7A	07/21/15
15G0557-07	GC-8A	07/21/15
15G0557-08	GC-9A	07/21/15
15G0557-09	GC-10A	07/21/15
15G0557-10	GC-1B	07/21/15
15G0557-11	GC-2B	07/21/15
15G0557-12	GC-4B	07/21/15
15G0557-13	GC-5B	07/21/15
15G0557-14	GC-6B	07/21/15
15G0557-15	GC-7B	07/21/15
15G0557-16	GC-8B	07/21/15
15G0557-17	GC-9B	07/21/15
15G0557-18	GC-10B	07/21/15
15G0557-19	GC-1C	07/21/15
15G0557-20	GC-2C	07/21/15
15G0557-21	GC-4C	07/21/15
15G0557-22	GC-5C	07/21/15
15G0557-23	GC-6C	07/21/15
15G0557-24	GC-7C	07/21/15
15G0557-25	GC-8C	07/21/15
BG51032-BLK1	Blank	07/21/15
BG51032-BS1	LCS	07/21/15
BG51032-BSD1	LCS Dup	07/21/15

Batch ID: BG51033 **Preparation Method:** EPA 3510C **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
15G0557-01	GC-1A	07/21/15
15G0557-02	GC-2A	07/21/15
15G0557-03	GC-4A	07/21/15
15G0557-04	GC-5A	07/21/15
15G0557-05	GC-6A	07/21/15
15G0557-06	GC-7A	07/21/15
15G0557-07	GC-8A	07/21/15
15G0557-08	GC-9A	07/21/15
15G0557-09	GC-10A	07/21/15
15G0557-10	GC-1B	07/21/15
15G0557-11	GC-2B	07/21/15
15G0557-12	GC-4B	07/21/15
BG51033-BLK1	Blank	07/21/15
BG51033-BS1	LCS	07/21/15
BG51033-BS2	LCS	07/21/15
BG51033-BSD1	LCS Dup	07/21/15

Batch ID: BG51040 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15G0557-08	GC-9A	07/21/15
15G0557-09	GC-10A	07/21/15
15G0557-10	GC-1B	07/21/15
15G0557-11	GC-2B	07/21/15
15G0557-12	GC-4B	07/21/15



15G0557-13	GC-5B	07/21/15
15G0557-14	GC-6B	07/21/15
15G0557-15	GC-7B	07/21/15
15G0557-16	GC-8B	07/21/15
BG51040-BLK1	Blank	07/21/15
BG51040-BS1	LCS	07/21/15
BG51040-BSD1	LCS Dup	07/21/15

Batch ID: BG51084 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15G0557-17	GC-9B	07/21/15
15G0557-18	GC-10B	07/21/15
15G0557-19	GC-1C	07/21/15
15G0557-20	GC-2C	07/21/15
15G0557-21	GC-4C	07/21/15
15G0557-22	GC-5C	07/21/15
15G0557-23	GC-6C	07/21/15
15G0557-24	GC-7C	07/21/15
15G0557-25	GC-8C	07/21/15
15G0557-26	GC-9C	07/21/15
15G0557-27	GC-10C	07/21/15
15G0557-28	GC-1D	07/21/15
15G0557-29	GC-2D	07/21/15
15G0557-30	GC-4D	07/21/15
15G0557-31	GC-5D	07/21/15
15G0557-32	GC-6D	07/21/15
BG51084-BLK1	Blank	07/21/15
BG51084-BS1	LCS	07/21/15
BG51084-BSD1	LCS Dup	07/21/15

Batch ID: BG51085 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15G0557-33	GC-7D	07/21/15
15G0557-34	GC-8D	07/21/15
15G0557-35	GC-9D	07/21/15
15G0557-36	GC-10D	07/21/15
15G0557-37	GC-11A	07/21/15
15G0557-38	GC-11B	07/21/15
15G0557-39	GC-11C	07/21/15
15G0557-40	GC-11D	07/21/15
15G0557-41	GC-12A	07/21/15
15G0557-42	GC-12B	07/21/15
BG51085-BLK1	Blank	07/21/15
BG51085-BS1	LCS	07/21/15
BG51085-BSD1	LCS Dup	07/21/15

Batch ID: BG51096 **Preparation Method:** EPA 3510C **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
----------------	------------------	------------------



15G0557-13	GC-5B	07/22/15
15G0557-14	GC-6B	07/22/15
15G0557-15	GC-7B	07/22/15
15G0557-16	GC-8B	07/22/15
15G0557-17	GC-9B	07/22/15
15G0557-18	GC-10B	07/22/15
15G0557-19	GC-1C	07/22/15
15G0557-20	GC-2C	07/22/15
15G0557-21	GC-4C	07/22/15
15G0557-22	GC-5C	07/22/15
15G0557-23	GC-6C	07/22/15
15G0557-24	GC-7C	07/22/15
15G0557-25	GC-8C	07/22/15
15G0557-26	GC-9C	07/22/15
15G0557-27	GC-10C	07/22/15
15G0557-28	GC-1D	07/22/15
15G0557-29	GC-2D	07/22/15
15G0557-30	GC-4D	07/22/15
15G0557-31	GC-5D	07/22/15
15G0557-32	GC-6D	07/22/15
BG51096-BLK1	Blank	07/22/15
BG51096-BS1	LCS	07/22/15
BG51096-BS2	LCS	07/22/15
BG51096-BSD1	LCS Dup	07/22/15

Batch ID: BG51105 **Preparation Method:** Analysis Preparation **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
15G0557-01	GC-1A	07/22/15
15G0557-02	GC-2A	07/22/15
15G0557-03	GC-4A	07/22/15
15G0557-04	GC-5A	07/22/15
15G0557-05	GC-6A	07/22/15
15G0557-06	GC-7A	07/22/15
15G0557-07	GC-8A	07/22/15
15G0557-08	GC-9A	07/22/15
15G0557-09	GC-10A	07/22/15
15G0557-10	GC-1B	07/22/15
15G0557-11	GC-2B	07/22/15
15G0557-12	GC-4B	07/22/15
15G0557-13	GC-5B	07/22/15
15G0557-14	GC-6B	07/22/15
15G0557-15	GC-7B	07/22/15
15G0557-16	GC-8B	07/22/15
15G0557-17	GC-9B	07/22/15
15G0557-18	GC-10B	07/22/15
BG51105-BLK1	Blank	07/22/15
BG51105-BS1	LCS	07/22/15

Batch ID: BG51136 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
----------------	------------------	------------------



15G0557-26	GC-9C	07/22/15
15G0557-27	GC-10C	07/22/15
15G0557-28	GC-1D	07/22/15
15G0557-29	GC-2D	07/22/15
15G0557-30	GC-4D	07/22/15
15G0557-31	GC-5D	07/22/15
15G0557-32	GC-6D	07/22/15
15G0557-33	GC-7D	07/22/15
15G0557-34	GC-8D	07/22/15
15G0557-35	GC-9D	07/22/15
15G0557-36	GC-10D	07/22/15
15G0557-37	GC-11A	07/22/15
15G0557-38	GC-11B	07/22/15
15G0557-39	GC-11C	07/22/15
15G0557-40	GC-11D	07/22/15
15G0557-41	GC-12A	07/22/15
15G0557-42	GC-12B	07/22/15
15G0557-43	GC-12C	07/22/15
15G0557-44	GC-12D	07/22/15
15G0557-45	Replicate	07/22/15
BG51136-BLK1	Blank	07/22/15
BG51136-BS1	LCS	07/22/15
BG51136-BSD1	LCS Dup	07/22/15

Batch ID: BG51137 **Preparation Method:** EPA 3510C **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
15G0557-33	GC-7D	07/22/15
15G0557-34	GC-8D	07/22/15
15G0557-35	GC-9D	07/22/15
15G0557-36	GC-10D	07/22/15
15G0557-37	GC-11A	07/22/15
15G0557-38	GC-11B	07/22/15
15G0557-39	GC-11C	07/22/15
15G0557-40	GC-11D	07/22/15
15G0557-41	GC-12A	07/22/15
15G0557-42	GC-12B	07/22/15
15G0557-43	GC-12C	07/22/15
15G0557-44	GC-12D	07/22/15
15G0557-45	Replicate	07/22/15
BG51137-BLK1	Blank	07/22/15
BG51137-BS1	LCS	07/22/15
BG51137-BSD1	LCS Dup	07/22/15

Batch ID: BG51174 **Preparation Method:** Analysis Preparation **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
15G0557-19	GC-1C	07/23/15
15G0557-20	GC-2C	07/23/15
15G0557-21	GC-4C	07/23/15
15G0557-22	GC-5C	07/23/15
15G0557-23	GC-6C	07/23/15



15G0557-24	GC-7C	07/23/15
15G0557-25	GC-8C	07/23/15
15G0557-26	GC-9C	07/23/15
15G0557-27	GC-10C	07/23/15
15G0557-28	GC-1D	07/23/15
15G0557-29	GC-2D	07/23/15
15G0557-30	GC-4D	07/23/15
15G0557-31	GC-5D	07/23/15
15G0557-32	GC-6D	07/23/15
15G0557-33	GC-7D	07/23/15
15G0557-34	GC-8D	07/23/15
BG51174-BLK1	Blank	07/23/15
BG51174-BS1	LCS	07/23/15
BG51174-DUP1	Duplicate	07/23/15
BG51174-MS1	Matrix Spike	07/23/15

Batch ID: BG51253 **Preparation Method:** Analysis Preparation **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
15G0557-35	GC-9D	07/24/15
15G0557-36	GC-10D	07/24/15
15G0557-37	GC-11A	07/24/15
15G0557-38	GC-11B	07/24/15
15G0557-39	GC-11C	07/24/15
15G0557-40	GC-11D	07/24/15
15G0557-41	GC-12A	07/24/15
15G0557-42	GC-12B	07/24/15
15G0557-43	GC-12C	07/24/15
15G0557-44	GC-12D	07/24/15
15G0557-45	Replicate	07/24/15
BG51253-BLK1	Blank	07/24/15
BG51253-BS1	LCS	07/24/15
BG51253-DUP1	Duplicate	07/24/15
BG51253-MS1	Matrix Spike	07/24/15

Batch ID: BG51255 **Preparation Method:** Analysis Preparation **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
15G0557-01	GC-1A	07/24/15
15G0557-02	GC-2A	07/24/15
15G0557-03	GC-4A	07/24/15
15G0557-04	GC-5A	07/24/15
15G0557-05	GC-6A	07/24/15
15G0557-06	GC-7A	07/24/15
15G0557-07	GC-8A	07/24/15
15G0557-08	GC-9A	07/24/15
15G0557-09	GC-10A	07/24/15
15G0557-10	GC-1B	07/24/15
15G0557-11	GC-2B	07/24/15
15G0557-12	GC-4B	07/24/15
15G0557-13	GC-5B	07/24/15
15G0557-14	GC-6B	07/24/15



15G0557-15	GC-7B	07/24/15
15G0557-16	GC-8B	07/24/15
15G0557-17	GC-9B	07/24/15
15G0557-18	GC-10B	07/24/15
15G0557-19	GC-1C	07/24/15
15G0557-20	GC-2C	07/24/15
BG51255-BLK1	Blank	07/24/15
BG51255-BS1	LCS	07/24/15
BG51255-DUP1	Duplicate	07/24/15
BG51255-MS1	Matrix Spike	07/24/15

Batch ID: BG51291 **Preparation Method:** Analysis Preparation **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
15G0557-21	GC-4C	07/24/15
15G0557-22	GC-5C	07/24/15
15G0557-23	GC-6C	07/24/15
15G0557-24	GC-7C	07/24/15
15G0557-25	GC-8C	07/24/15
15G0557-26	GC-9C	07/24/15
15G0557-27	GC-10C	07/24/15
15G0557-28	GC-1D	07/24/15
15G0557-29	GC-2D	07/24/15
15G0557-30	GC-4D	07/24/15
15G0557-31	GC-5D	07/24/15
15G0557-32	GC-6D	07/24/15
15G0557-33	GC-7D	07/24/15
15G0557-34	GC-8D	07/24/15
15G0557-35	GC-9D	07/24/15
15G0557-36	GC-10D	07/24/15
15G0557-37	GC-11A	07/24/15
15G0557-38	GC-11B	07/24/15
15G0557-39	GC-11C	07/24/15
15G0557-40	GC-11D	07/24/15
BG51291-BLK1	Blank	07/24/15
BG51291-BS1	LCS	07/24/15
BG51291-DUP1	Duplicate	07/24/15
BG51291-MS1	Matrix Spike	07/24/15

Batch ID: BG51354 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
15G0557-01	GC-1A	07/27/15
15G0557-02	GC-2A	07/27/15
15G0557-03	GC-4A	07/27/15
15G0557-04	GC-5A	07/27/15
15G0557-05	GC-6A	07/27/15
15G0557-06	GC-7A	07/27/15
15G0557-07	GC-8A	07/27/15
15G0557-08	GC-9A	07/27/15
15G0557-09	GC-10A	07/27/15
15G0557-10	GC-1B	07/27/15



15G0557-11	GC-2B	07/27/15
15G0557-12	GC-4B	07/27/15
15G0557-13	GC-5B	07/27/15
15G0557-14	GC-6B	07/27/15
15G0557-15	GC-7B	07/27/15
15G0557-16	GC-8B	07/27/15
15G0557-17	GC-9B	07/27/15
15G0557-18	GC-10B	07/27/15
15G0557-19	GC-1C	07/27/15
15G0557-20	GC-2C	07/27/15
BG51354-BLK1	Blank	07/27/15
BG51354-BS1	LCS	07/27/15
BG51354-DUP1	Duplicate	07/27/15

Batch ID: BG51356 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
15G0557-01	GC-1A	07/27/15
15G0557-02	GC-2A	07/27/15
15G0557-03	GC-4A	07/27/15
15G0557-04	GC-5A	07/27/15
15G0557-05	GC-6A	07/27/15
15G0557-06	GC-7A	07/27/15
15G0557-07	GC-8A	07/27/15
15G0557-08	GC-9A	07/27/15
15G0557-09	GC-10A	07/27/15
15G0557-10	GC-1B	07/27/15
15G0557-11	GC-2B	07/27/15
15G0557-12	GC-4B	07/27/15
15G0557-13	GC-5B	07/27/15
15G0557-14	GC-6B	07/27/15
15G0557-15	GC-7B	07/27/15
15G0557-16	GC-8B	07/27/15
15G0557-17	GC-9B	07/27/15
15G0557-18	GC-10B	07/27/15
15G0557-19	GC-1C	07/27/15
15G0557-20	GC-2C	07/27/15
BG51356-BLK1	Blank	07/27/15
BG51356-BS1	LCS	07/27/15
BG51356-DUP1	Duplicate	07/27/15

Batch ID: BG51357 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
15G0557-01	GC-1A	07/27/15
15G0557-02	GC-2A	07/27/15
15G0557-03	GC-4A	07/27/15
15G0557-04	GC-5A	07/27/15
15G0557-05	GC-6A	07/27/15
15G0557-06	GC-7A	07/27/15
15G0557-07	GC-8A	07/27/15
15G0557-08	GC-9A	07/27/15



15G0557-09	GC-10A	07/27/15
15G0557-10	GC-1B	07/27/15
15G0557-11	GC-2B	07/27/15
15G0557-12	GC-4B	07/27/15
15G0557-13	GC-5B	07/27/15
15G0557-14	GC-6B	07/27/15
15G0557-15	GC-7B	07/27/15
15G0557-16	GC-8B	07/27/15
15G0557-17	GC-9B	07/27/15
15G0557-18	GC-10B	07/27/15
15G0557-19	GC-1C	07/27/15
15G0557-20	GC-2C	07/27/15
BG51357-DUP1	Duplicate	07/27/15

Batch ID: BG51391 **Preparation Method:** Analysis Preparation **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
15G0557-41	GC-12A	07/28/15
15G0557-42	GC-12B	07/28/15
15G0557-43	GC-12C	07/28/15
15G0557-44	GC-12D	07/28/15
15G0557-45	Replicate	07/28/15
BG51391-BLK1	Blank	07/28/15
BG51391-BS1	LCS	07/28/15
BG51391-DUP1	Duplicate	07/28/15
BG51391-MS1	Matrix Spike	07/28/15

Batch ID: BG51423 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
15G0557-21	GC-4C	07/28/15
15G0557-22	GC-5C	07/28/15
15G0557-23	GC-6C	07/28/15
15G0557-24	GC-7C	07/28/15
15G0557-25	GC-8C	07/28/15
15G0557-26	GC-9C	07/28/15
15G0557-27	GC-10C	07/28/15
15G0557-28	GC-1D	07/28/15
15G0557-29	GC-2D	07/28/15
15G0557-30	GC-4D	07/28/15
15G0557-31	GC-5D	07/28/15
15G0557-32	GC-6D	07/28/15
15G0557-33	GC-7D	07/28/15
15G0557-34	GC-8D	07/28/15
15G0557-35	GC-9D	07/28/15
15G0557-36	GC-10D	07/28/15
15G0557-37	GC-11A	07/28/15
15G0557-38	GC-11B	07/28/15
15G0557-39	GC-11C	07/28/15
15G0557-40	GC-11D	07/28/15
BG51423-BLK1	Blank	07/28/15
BG51423-BS1	LCS	07/28/15



BG51423-DUP1

Duplicate

07/28/15

Batch ID: BG51424

Preparation Method: Analysis Preparation

Prepared By: PAM

YORK Sample ID	Client Sample ID	Preparation Date
15G0557-21	GC-4C	07/28/15
15G0557-22	GC-5C	07/28/15
15G0557-23	GC-6C	07/28/15
15G0557-24	GC-7C	07/28/15
15G0557-25	GC-8C	07/28/15
15G0557-26	GC-9C	07/28/15
15G0557-27	GC-10C	07/28/15
15G0557-28	GC-1D	07/28/15
15G0557-29	GC-2D	07/28/15
15G0557-30	GC-4D	07/28/15
15G0557-31	GC-5D	07/28/15
15G0557-32	GC-6D	07/28/15
15G0557-33	GC-7D	07/28/15
15G0557-34	GC-8D	07/28/15
15G0557-35	GC-9D	07/28/15
15G0557-36	GC-10D	07/28/15
15G0557-37	GC-11A	07/28/15
15G0557-38	GC-11B	07/28/15
15G0557-39	GC-11C	07/28/15
15G0557-40	GC-11D	07/28/15
BG51424-BLK1	Blank	07/28/15
BG51424-BS1	LCS	07/28/15
BG51424-DUP1	Duplicate	07/28/15

Batch ID: BG51425

Preparation Method: Analysis Preparation

Prepared By: PAM

YORK Sample ID	Client Sample ID	Preparation Date
15G0557-21	GC-4C	07/28/15
15G0557-22	GC-5C	07/28/15
15G0557-23	GC-6C	07/28/15
15G0557-24	GC-7C	07/28/15
15G0557-25	GC-8C	07/28/15
15G0557-26	GC-9C	07/28/15
15G0557-27	GC-10C	07/28/15
15G0557-28	GC-1D	07/28/15
15G0557-29	GC-2D	07/28/15
15G0557-30	GC-4D	07/28/15
15G0557-31	GC-5D	07/28/15
15G0557-32	GC-6D	07/28/15
15G0557-33	GC-7D	07/28/15
15G0557-34	GC-8D	07/28/15
15G0557-35	GC-9D	07/28/15
15G0557-36	GC-10D	07/28/15
15G0557-37	GC-11A	07/28/15
15G0557-38	GC-11B	07/28/15
15G0557-39	GC-11C	07/28/15
15G0557-40	GC-11D	07/28/15



BG51425-DUP1 Duplicate 07/28/15

Batch ID: BG51428 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

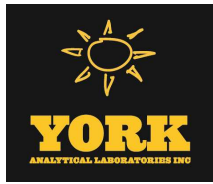
YORK Sample ID	Client Sample ID	Preparation Date
15G0557-41	GC-12A	07/28/15
15G0557-42	GC-12B	07/28/15
15G0557-43	GC-12C	07/28/15
15G0557-44	GC-12D	07/28/15
15G0557-45	Replicate	07/28/15
BG51428-BLK1	Blank	07/28/15
BG51428-BS1	LCS	07/28/15
BG51428-DUP1	Duplicate	07/28/15

Batch ID: BG51429 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
15G0557-41	GC-12A	07/28/15
15G0557-42	GC-12B	07/28/15
15G0557-43	GC-12C	07/28/15
15G0557-44	GC-12D	07/28/15
15G0557-45	Replicate	07/28/15
BG51429-BLK1	Blank	07/28/15
BG51429-BS1	LCS	07/28/15
BG51429-DUP1	Duplicate	07/28/15

Batch ID: BG51430 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
15G0557-41	GC-12A	07/28/15
15G0557-42	GC-12B	07/28/15
15G0557-43	GC-12C	07/28/15
15G0557-44	GC-12D	07/28/15
15G0557-45	Replicate	07/28/15
BG51430-DUP1	Duplicate	07/28/15



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

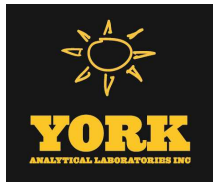
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BG51354 - Analysis Preparation

Blank (BG51354-BLK1)

Prepared & Analyzed: 07/27/2015

Total Nitrogen	ND	1.00	mg/L								
----------------	----	------	------	--	--	--	--	--	--	--	--



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

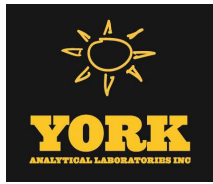
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BG51354 - Analysis Preparation

LCS (BG51354-BS1)

Prepared & Analyzed: 07/27/2015

Total Nitrogen	105	1.00	mg/L				70-130				
----------------	-----	------	------	--	--	--	--------	--	--	--	--

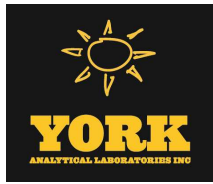


Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BG51354 - Analysis Preparation

Duplicate (BG51354-DUP1)	*Source sample: 15G0557-01 (GC-1A)						Prepared & Analyzed: 07/27/2015				
Total Nitrogen	2.20	1.00	mg/L		2.20				0.00	200	



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

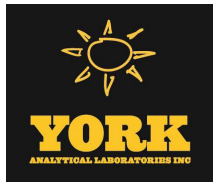
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BG51356 - Analysis Preparation

Blank (BG51356-BLK1)

Prepared & Analyzed: 07/27/2015

Nitrogen, Total-Dissolved - Dissolved	ND	1.00	mg/L								
---------------------------------------	----	------	------	--	--	--	--	--	--	--	--



Automated Cadmium Reduction - Quality Control Data

York Analytical Laboratories, Inc.

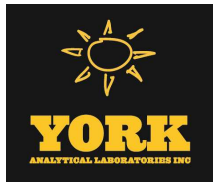
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	--------------------	-------	----------------	-------------------	------	----------------	------	-----	--------------	------

Batch BG51356 - Analysis Preparation

LCS (BG51356-BS1)

Prepared & Analyzed: 07/27/2015

Nitrogen, Total-Dissolved - Dissolved	98.4	1.00	mg/L				70-130				
---------------------------------------	------	------	------	--	--	--	--------	--	--	--	--

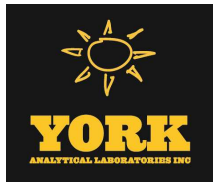


Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BG51356 - Analysis Preparation

Duplicate (BG51356-DUP1)	*Source sample: 15G0557-01 (GC-1A)							Prepared & Analyzed: 07/27/2015			
Nitrogen, Total-Dissolved - Dissolved	1.40	1.00	mg/L		1.40				0.00	200	



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

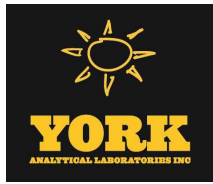
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BG51423 - Analysis Preparation

Blank (BG51423-BLK1)

Prepared & Analyzed: 07/28/2015

Total Nitrogen	ND	1.00	mg/L								
----------------	----	------	------	--	--	--	--	--	--	--	--



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

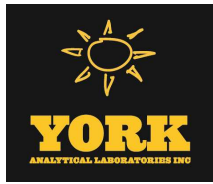
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BG51423 - Analysis Preparation

LCS (BG51423-BS1)

Prepared & Analyzed: 07/28/2015

Total Nitrogen	102	1.00	mg/L				70-130				
----------------	-----	------	------	--	--	--	--------	--	--	--	--

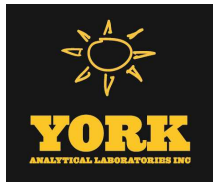


Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BG51423 - Analysis Preparation

Duplicate (BG51423-DUP1)	*Source sample: 15G0557-21 (GC-4C)						Prepared & Analyzed: 07/28/2015				
Total Nitrogen	2.20	1.00	mg/L		2.00				9.52	200	



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

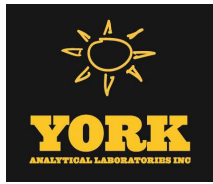
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BG51424 - Analysis Preparation

Blank (BG51424-BLK1)

Prepared & Analyzed: 07/28/2015

Nitrogen, Total-Dissolved - Dissolved	ND	1.00	mg/L								
---------------------------------------	----	------	------	--	--	--	--	--	--	--	--



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

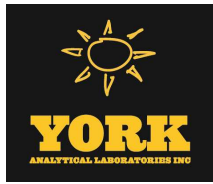
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BG51424 - Analysis Preparation

LCS (BG51424-BS1)

Prepared & Analyzed: 07/28/2015

Nitrogen, Total-Dissolved - Dissolved	99.7	1.00	mg/L				70-130				
---------------------------------------	------	------	------	--	--	--	--------	--	--	--	--

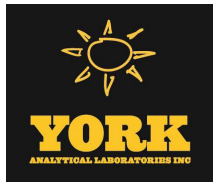


Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BG51424 - Analysis Preparation

Duplicate (BG51424-DUP1)	*Source sample: 15G0557-21 (GC-4C)						Prepared & Analyzed: 07/28/2015				
Nitrogen, Total-Dissolved - Dissolved	1.40	1.00	mg/L		1.40				0.00	200	



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

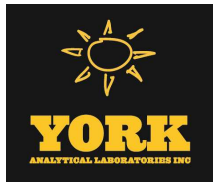
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BG51428 - Analysis Preparation

Blank (BG51428-BLK1)

Prepared & Analyzed: 07/28/2015

Total Nitrogen	ND	1.00	mg/L								
----------------	----	------	------	--	--	--	--	--	--	--	--



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

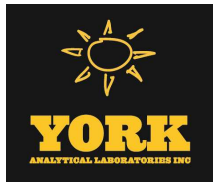
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BG51428 - Analysis Preparation

LCS (BG51428-BS1)

Prepared & Analyzed: 07/28/2015

Total Nitrogen	100	1.00	mg/L				70-130				
----------------	-----	------	------	--	--	--	--------	--	--	--	--

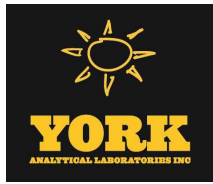


Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BG51428 - Analysis Preparation

Duplicate (BG51428-DUP1)	*Source sample: 15G0557-41 (GC-12A)						Prepared & Analyzed: 07/28/2015				
Total Nitrogen	2.20	1.00	mg/L		2.30				4.44	200	



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

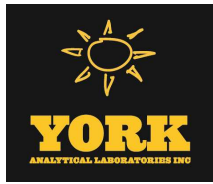
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BG51429 - Analysis Preparation

Blank (BG51429-BLK1)

Prepared & Analyzed: 07/28/2015

Nitrogen, Total-Dissolved - Dissolved	ND	1.00	mg/L								
---------------------------------------	----	------	------	--	--	--	--	--	--	--	--



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

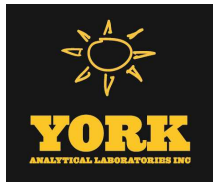
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BG51429 - Analysis Preparation

LCS (BG51429-BS1)

Prepared & Analyzed: 07/28/2015

Nitrogen, Total-Dissolved - Dissolved	107	1.00	mg/L				70-130				
---------------------------------------	-----	------	------	--	--	--	--------	--	--	--	--



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BG51429 - Analysis Preparation

Duplicate (BG51429-DUP1)	*Source sample: 15G0557-41 (GC-12A)						Prepared & Analyzed: 07/28/2015				
Nitrogen, Total-Dissolved - Dissolved	3.00	1.00	mg/L		3.50				15.4	200	



Automated Cadmium Reduction - Quality Control Data

York Analytical Laboratories, Inc.

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

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51006 - EPA 5030B

Blank (BG51006-BLK1)

Prepared: 07/20/2015 Analyzed: 07/21/2015

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	80	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	2.0	2.0	"								
Acrolein	ND	2.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51006 - EPA 5030B

Blank (BG51006-BLK1)

Prepared: 07/20/2015 Analyzed: 07/21/2015

Isopropylbenzene	ND	0.50	ug/L								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	2.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								

Surrogate: 1,2-Dichloroethane-d4	9.81		"	10.0		98.1	69-130				
Surrogate: Toluene-d8	10.3		"	10.0		103	81-117				
Surrogate: p-Bromofluorobenzene	9.42		"	10.0		94.2	79-122				

LCS (BG51006-BS1)

Prepared & Analyzed: 07/20/2015

1,1,1,2-Tetrachloroethane	11		ug/L	10.0		107	82-126				
1,1,1-Trichloroethane	9.9		"	10.0		99.0	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		108	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	14		"	10.0		136	54-165				
1,1,2-Trichloroethane	10		"	10.0		104	82-123				
1,1-Dichloroethane	10		"	10.0		102	82-129				
1,1-Dichloroethylene	13		"	10.0		130	68-138				
1,2,3-Trichlorobenzene	7.0		"	10.0		69.8	76-136	Low Bias			
1,2,3-Trichloropropane	10		"	10.0		102	77-128				
1,2,4-Trichlorobenzene	8.5		"	10.0		84.6	76-137				
1,2,4-Trimethylbenzene	11		"	10.0		114	82-132				
1,2-Dibromo-3-chloropropane	10		"	10.0		100	45-147				
1,2-Dibromoethane	10		"	10.0		101	83-124				
1,2-Dichlorobenzene	10		"	10.0		105	79-123				
1,2-Dichloroethane	9.6		"	10.0		96.5	73-132				
1,2-Dichloropropane	11		"	10.0		111	78-126				
1,3,5-Trimethylbenzene	11		"	10.0		114	80-131				
1,3-Dichlorobenzene	11		"	10.0		109	86-122				
1,4-Dichlorobenzene	11		"	10.0		107	85-124				
1,4-Dioxane	370		"	200		187	10-349				
2-Butanone	9.7		"	10.0		96.7	49-152				
2-Hexanone	11		"	10.0		108	51-146				
4-Methyl-2-pentanone	11		"	10.0		109	57-145				
Acetone	8.1		"	10.0		81.1	14-150				
Acrolein	6.8		"	10.0		68.2	10-153				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51006 - EPA 5030B

LCS (BG51006-BS1)

Prepared & Analyzed: 07/20/2015

Acrylonitrile	9.6		ug/L	10.0		96.3	51-150			
Benzene	10		"	10.0		99.5	85-126			
Bromochloromethane	10		"	10.0		104	77-128			
Bromodichloromethane	11		"	10.0		108	79-128			
Bromoform	10		"	10.0		105	78-133			
Bromomethane	4.9		"	10.0		49.1	43-168			
Carbon disulfide	12		"	10.0		120	68-146			
Carbon tetrachloride	9.8		"	10.0		98.0	77-141			
Chlorobenzene	11		"	10.0		108	88-120			
Chloroethane	9.3		"	10.0		92.6	65-136			
Chloroform	10		"	10.0		101	82-128			
Chloromethane	9.5		"	10.0		95.2	43-155			
cis-1,2-Dichloroethylene	9.6		"	10.0		95.8	83-129			
cis-1,3-Dichloropropylene	10		"	10.0		103	80-131			
Cyclohexane	11		"	10.0		110	63-149			
Dibromochloromethane	10		"	10.0		100	80-130			
Dibromomethane	10		"	10.0		101	72-134			
Dichlorodifluoromethane	12		"	10.0		119	44-144			
Ethyl Benzene	11		"	10.0		109	80-131			
Hexachlorobutadiene	10		"	10.0		100	67-146			
Isopropylbenzene	12		"	10.0		116	76-140			
Methyl acetate	9.9		"	10.0		98.7	51-139			
Methyl tert-butyl ether (MTBE)	9.5		"	10.0		95.3	76-135			
Methylcyclohexane	11		"	10.0		110	72-143			
Methylene chloride	9.9		"	10.0		99.4	55-137			
n-Butylbenzene	11		"	10.0		111	79-132			
n-Propylbenzene	11		"	10.0		115	78-133			
o-Xylene	11		"	10.0		109	78-130			
p- & m- Xylenes	21		"	20.0		107	77-133			
p-Isopropyltoluene	11		"	10.0		112	81-136			
sec-Butylbenzene	11		"	10.0		112	79-137			
Styrene	11		"	10.0		106	67-132			
tert-Butyl alcohol (TBA)	13		"	10.0		126	25-162			
tert-Butylbenzene	11		"	10.0		111	77-138			
Tetrachloroethylene	11		"	10.0		109	82-131			
Toluene	11		"	10.0		108	80-127			
trans-1,2-Dichloroethylene	10		"	10.0		103	80-132			
trans-1,3-Dichloropropylene	10		"	10.0		100	78-131			
Trichloroethylene	11		"	10.0		108	82-128			
Trichlorofluoromethane	11		"	10.0		106	67-139			
Vinyl Chloride	9.9		"	10.0		99.4	58-145			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	9.22		"	10.0		92.2	69-130			
<i>Surrogate: Toluene-d8</i>	10.6		"	10.0		106	81-117			
<i>Surrogate: p-Bromofluorobenzene</i>	10.3		"	10.0		103	79-122			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level
Batch BG51006 - EPA 5030B										
LCS Dup (BG51006-BSD1)										
Prepared & Analyzed: 07/20/2015										
1,1,1,2-Tetrachloroethane	10		ug/L	10.0	104	82-126			2.08	30
1,1,1-Trichloroethane	9.9		"	10.0	99.2	78-136			0.202	30
1,1,2,2-Tetrachloroethane	11		"	10.0	110	76-129			1.84	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0	115	54-165			16.5	30
1,1,2-Trichloroethane	11		"	10.0	106	82-123			1.62	30
1,1-Dichloroethane	10		"	10.0	103	82-129			0.877	30
1,1-Dichloroethylene	11		"	10.0	110	68-138			16.7	30
1,2,3-Trichlorobenzene	7.3		"	10.0	73.0	76-136	Low Bias		4.48	30
1,2,3-Trichloropropane	9.7		"	10.0	97.0	77-128			4.73	30
1,2,4-Trichlorobenzene	8.4		"	10.0	84.3	76-137			0.355	30
1,2,4-Trimethylbenzene	11		"	10.0	106	82-132			6.73	30
1,2-Dibromo-3-chloropropane	9.6		"	10.0	95.8	45-147			4.79	30
1,2-Dibromoethane	10		"	10.0	102	83-124			1.09	30
1,2-Dichlorobenzene	10		"	10.0	104	79-123			1.15	30
1,2-Dichloroethane	10		"	10.0	104	73-132			7.10	30
1,2-Dichloropropane	11		"	10.0	108	78-126			3.10	30
1,3,5-Trimethylbenzene	11		"	10.0	106	80-131			7.91	30
1,3-Dichlorobenzene	10		"	10.0	104	86-122			5.18	30
1,4-Dichlorobenzene	11		"	10.0	106	85-124			0.845	30
1,4-Dioxane	300		"	200	148	10-349			23.2	30
2-Butanone	9.6		"	10.0	96.3	49-152			0.415	30
2-Hexanone	12		"	10.0	115	51-146			6.26	30
4-Methyl-2-pentanone	11		"	10.0	115	57-145			5.18	30
Acetone	7.7		"	10.0	77.1	14-150			5.06	30
Acrolein	7.1		"	10.0	70.8	10-153			3.74	30
Acrylonitrile	11		"	10.0	106	51-150			9.50	30
Benzene	9.9		"	10.0	99.4	85-126			0.101	30
Bromochloromethane	11		"	10.0	107	77-128			3.51	30
Bromodichloromethane	11		"	10.0	105	79-128			2.26	30
Bromoform	10		"	10.0	104	78-133			0.959	30
Bromomethane	5.0		"	10.0	50.4	43-168			2.61	30
Carbon disulfide	12		"	10.0	120	68-146			0.417	30
Carbon tetrachloride	9.9		"	10.0	98.9	77-141			0.914	30
Chlorobenzene	11		"	10.0	106	88-120			2.34	30
Chloroethane	9.2		"	10.0	91.6	65-136			1.09	30
Chloroform	10		"	10.0	100	82-128			0.0995	30
Chloromethane	8.8		"	10.0	88.4	43-155			7.41	30
cis-1,2-Dichloroethylene	9.9		"	10.0	99.0	83-129			3.29	30
cis-1,3-Dichloropropylene	10		"	10.0	102	80-131			0.488	30
Cyclohexane	11		"	10.0	111	63-149			1.27	30
Dibromochloromethane	10		"	10.0	100	80-130			0.399	30
Dibromomethane	11		"	10.0	106	72-134			4.46	30
Dichlorodifluoromethane	12		"	10.0	117	44-144			1.36	30
Ethyl Benzene	10		"	10.0	105	80-131			3.37	30
Hexachlorobutadiene	9.3		"	10.0	93.4	67-146			7.22	30
Isopropylbenzene	11		"	10.0	109	76-140			6.66	30
Methyl acetate	9.7		"	10.0	97.1	51-139			1.63	30
Methyl tert-butyl ether (MTBE)	10		"	10.0	101	76-135			5.81	30
Methylcyclohexane	11		"	10.0	108	72-143			1.55	30
Methylene chloride	11		"	10.0	106	55-137			6.52	30
n-Butylbenzene	10		"	10.0	102	79-132			8.05	30



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51006 - EPA 5030B

LCS Dup (BG51006-BSD1)

Prepared & Analyzed: 07/20/2015

n-Propylbenzene	11		ug/L	10.0		107	78-133			6.75	30		
o-Xylene	11		"	10.0		105	78-130			3.54	30		
p- & m- Xylenes	21		"	20.0		104	77-133			2.46	30		
p-Isopropyltoluene	10		"	10.0		104	81-136			7.15	30		
sec-Butylbenzene	10		"	10.0		105	79-137			6.63	30		
Styrene	11		"	10.0		105	67-132			0.663	30		
tert-Butyl alcohol (TBA)	14		"	10.0		140	25-162			10.1	30		
tert-Butylbenzene	10		"	10.0		105	77-138			6.11	30		
Tetrachloroethylene	10		"	10.0		105	82-131			3.75	30		
Toluene	10		"	10.0		104	80-127			3.85	30		
trans-1,2-Dichloroethylene	10		"	10.0		104	80-132			0.773	30		
trans-1,3-Dichloropropylene	10		"	10.0		101	78-131			1.29	30		
Trichloroethylene	10		"	10.0		105	82-128			2.54	30		
Trichlorofluoromethane	10		"	10.0		105	67-139			0.854	30		
Vinyl Chloride	9.7		"	10.0		96.6	58-145			2.86	30		
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.54</i>		<i>"</i>	<i>10.0</i>		<i>95.4</i>	<i>69-130</i>						
<i>Surrogate: Toluene-d8</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>81-117</i>						
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>79-122</i>						

Batch BG51040 - EPA 5030B

Blank (BG51040-BLK1)

Prepared & Analyzed: 07/21/2015

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L										
1,1,1-Trichloroethane	ND	0.50	"										
1,1,2,2-Tetrachloroethane	ND	0.50	"										
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"										
1,1,2-Trichloroethane	ND	0.50	"										
1,1-Dichloroethane	ND	0.50	"										
1,1-Dichloroethylene	ND	0.50	"										
1,2,3-Trichlorobenzene	ND	0.50	"										
1,2,3-Trichloropropane	ND	0.50	"										
1,2,4-Trichlorobenzene	ND	0.50	"										
1,2,4-Trimethylbenzene	ND	0.50	"										
1,2-Dibromo-3-chloropropane	ND	0.50	"										
1,2-Dibromoethane	ND	0.50	"										
1,2-Dichlorobenzene	ND	0.50	"										
1,2-Dichloroethane	ND	0.50	"										
1,2-Dichloropropane	ND	0.50	"										
1,3,5-Trimethylbenzene	ND	0.50	"										
1,3-Dichlorobenzene	ND	0.50	"										
1,4-Dichlorobenzene	ND	0.50	"										
1,4-Dioxane	ND	80	"										
2-Butanone	ND	0.50	"										
2-Hexanone	ND	0.50	"										
4-Methyl-2-pentanone	ND	0.50	"										
Acetone	1.5	2.0	"										
Acrolein	ND	2.0	"										
Acrylonitrile	ND	0.50	"										
Benzene	ND	0.50	"										
Bromochloromethane	ND	0.50	"										
Bromodichloromethane	ND	0.50	"										
Bromoform	ND	0.50	"										



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51040 - EPA 5030B

Blank (BG51040-BLK1)

Prepared & Analyzed: 07/21/2015

Bromomethane	ND	0.50	ug/L								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	2.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<hr/>											
Surrogate: 1,2-Dichloroethane-d4	9.36		"	10.0		93.6	69-130				
Surrogate: Toluene-d8	10.6		"	10.0		106	81-117				
Surrogate: p-Bromofluorobenzene	9.74		"	10.0		97.4	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51040 - EPA 5030B

LCS (BG51040-BS1)

Prepared & Analyzed: 07/21/2015

1,1,1,2-Tetrachloroethane	10		ug/L	10.0		104	82-126					
1,1,1-Trichloroethane	9.7		"	10.0		96.8	78-136					
1,1,2,2-Tetrachloroethane	11		"	10.0		107	76-129					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		115	54-165					
1,1,2-Trichloroethane	10		"	10.0		102	82-123					
1,1-Dichloroethane	10		"	10.0		101	82-129					
1,1-Dichloroethylene	11		"	10.0		113	68-138					
1,2,3-Trichlorobenzene	6.9		"	10.0		69.2	76-136	Low Bias				
1,2,3-Trichloropropane	9.7		"	10.0		97.3	77-128					
1,2,4-Trichlorobenzene	8.5		"	10.0		85.2	76-137					
1,2,4-Trimethylbenzene	11		"	10.0		114	82-132					
1,2-Dibromo-3-chloropropane	9.5		"	10.0		94.9	45-147					
1,2-Dibromoethane	9.6		"	10.0		95.6	83-124					
1,2-Dichlorobenzene	11		"	10.0		106	79-123					
1,2-Dichloroethane	9.7		"	10.0		96.8	73-132					
1,2-Dichloropropane	11		"	10.0		107	78-126					
1,3,5-Trimethylbenzene	12		"	10.0		118	80-131					
1,3-Dichlorobenzene	11		"	10.0		108	86-122					
1,4-Dichlorobenzene	11		"	10.0		108	85-124					
1,4-Dioxane	290		"	200		145	10-349					
2-Butanone	9.5		"	10.0		95.2	49-152					
2-Hexanone	11		"	10.0		112	51-146					
4-Methyl-2-pentanone	11		"	10.0		107	57-145					
Acetone	7.6		"	10.0		75.8	14-150					
Acrolein	8.1		"	10.0		80.7	10-153					
Acrylonitrile	9.7		"	10.0		97.1	51-150					
Benzene	10		"	10.0		101	85-126					
Bromochloromethane	10		"	10.0		103	77-128					
Bromodichloromethane	10		"	10.0		103	79-128					
Bromoform	10		"	10.0		104	78-133					
Bromomethane	4.1		"	10.0		41.3	43-168	Low Bias				
Carbon disulfide	11		"	10.0		107	68-146					
Carbon tetrachloride	9.8		"	10.0		97.6	77-141					
Chlorobenzene	10		"	10.0		104	88-120					
Chloroethane	11		"	10.0		107	65-136					
Chloroform	9.9		"	10.0		99.4	82-128					
Chloromethane	9.9		"	10.0		99.3	43-155					
cis-1,2-Dichloroethylene	9.7		"	10.0		96.8	83-129					
cis-1,3-Dichloropropylene	11		"	10.0		106	80-131					
Cyclohexane	11		"	10.0		106	63-149					
Dibromochloromethane	9.2		"	10.0		92.2	80-130					
Dibromomethane	9.8		"	10.0		98.3	72-134					
Dichlorodifluoromethane	12		"	10.0		117	44-144					
Ethyl Benzene	11		"	10.0		107	80-131					
Hexachlorobutadiene	9.6		"	10.0		96.3	67-146					
Isopropylbenzene	12		"	10.0		117	76-140					
Methyl acetate	11		"	10.0		111	51-139					
Methyl tert-butyl ether (MTBE)	9.3		"	10.0		93.1	76-135					
Methylcyclohexane	11		"	10.0		111	72-143					
Methylene chloride	10		"	10.0		99.7	55-137					
n-Butylbenzene	11		"	10.0		114	79-132					



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51040 - EPA 5030B

LCS (BG51040-BS1)

Prepared & Analyzed: 07/21/2015

n-Propylbenzene	12		ug/L	10.0		115	78-133				
o-Xylene	11		"	10.0		106	78-130				
p- & m- Xylenes	21		"	20.0		106	77-133				
p-Isopropyltoluene	11		"	10.0		114	81-136				
sec-Butylbenzene	11		"	10.0		115	79-137				
Styrene	11		"	10.0		105	67-132				
tert-Butyl alcohol (TBA)	14		"	10.0		137	25-162				
tert-Butylbenzene	11		"	10.0		112	77-138				
Tetrachloroethylene	11		"	10.0		106	82-131				
Toluene	11		"	10.0		106	80-127				
trans-1,2-Dichloroethylene	10		"	10.0		105	80-132				
trans-1,3-Dichloropropylene	10		"	10.0		103	78-131				
Trichloroethylene	10		"	10.0		102	82-128				
Trichlorofluoromethane	11		"	10.0		112	67-139				
Vinyl Chloride	11		"	10.0		112	58-145				
Surrogate: 1,2-Dichloroethane-d4	9.15		"	10.0		91.5	69-130				
Surrogate: Toluene-d8	10.5		"	10.0		105	81-117				
Surrogate: p-Bromofluorobenzene	10.5		"	10.0		105	79-122				

LCS Dup (BG51040-BSD1)

Prepared & Analyzed: 07/21/2015

1,1,1,2-Tetrachloroethane	10		ug/L	10.0		101	82-126		2.93	30	
1,1,1-Trichloroethane	9.9		"	10.0		98.9	78-136		2.15	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		105	76-129		2.46	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		116	54-165		0.778	30	
1,1,2-Trichloroethane	11		"	10.0		106	82-123		3.76	30	
1,1-Dichloroethane	10		"	10.0		102	82-129		1.28	30	
1,1-Dichloroethylene	11		"	10.0		114	68-138		1.59	30	
1,2,3-Trichlorobenzene	7.0		"	10.0		70.3	76-136	Low Bias	1.58	30	
1,2,3-Trichloropropane	9.7		"	10.0		96.9	77-128		0.412	30	
1,2,4-Trichlorobenzene	8.5		"	10.0		85.3	76-137		0.117	30	
1,2,4-Trimethylbenzene	11		"	10.0		114	82-132		0.175	30	
1,2-Dibromo-3-chloropropane	9.9		"	10.0		99.2	45-147		4.43	30	
1,2-Dibromoethane	9.6		"	10.0		95.9	83-124		0.313	30	
1,2-Dichlorobenzene	11		"	10.0		107	79-123		1.78	30	
1,2-Dichloroethane	9.6		"	10.0		96.2	73-132		0.622	30	
1,2-Dichloropropane	10		"	10.0		101	78-126		5.29	30	
1,3,5-Trimethylbenzene	12		"	10.0		116	80-131		2.14	30	
1,3-Dichlorobenzene	11		"	10.0		108	86-122		0.464	30	
1,4-Dichlorobenzene	11		"	10.0		108	85-124		0.833	30	
1,4-Dioxane	220		"	200		112	10-349		25.5	30	
2-Butanone	9.6		"	10.0		96.5	49-152		1.36	30	
2-Hexanone	11		"	10.0		111	51-146		0.626	30	
4-Methyl-2-pentanone	11		"	10.0		105	57-145		1.88	30	
Acetone	8.9		"	10.0		88.9	14-150		15.9	30	
Acrolein	8.4		"	10.0		83.5	10-153		3.41	30	
Acrylonitrile	9.6		"	10.0		95.6	51-150		1.56	30	
Benzene	10		"	10.0		101	85-126		0.198	30	
Bromochloromethane	10		"	10.0		102	77-128		1.07	30	
Bromodichloromethane	10		"	10.0		102	79-128		1.76	30	
Bromoform	9.4		"	10.0		94.5	78-133		10.1	30	
Bromomethane	5.1		"	10.0		50.8	43-168		20.6	30	
Carbon disulfide	11		"	10.0		115	68-146		7.12	30	



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level
Batch BG51040 - EPA 5030B										
LCS Dup (BG51040-BSD1)										
Prepared & Analyzed: 07/21/2015										
Carbon tetrachloride	9.8		ug/L	10.0	97.9	77-141			0.307	30
Chlorobenzene	11		"	10.0	105	88-120			1.05	30
Chloroethane	11		"	10.0	113	65-136			5.45	30
Chloroform	9.8		"	10.0	98.5	82-128			0.910	30
Chloromethane	10		"	10.0	104	43-155			4.33	30
cis-1,2-Dichloroethylene	9.7		"	10.0	97.1	83-129			0.309	30
cis-1,3-Dichloropropylene	10		"	10.0	102	80-131			3.36	30
Cyclohexane	10		"	10.0	101	63-149			4.91	30
Dibromochloromethane	9.6		"	10.0	95.8	80-130			3.83	30
Dibromomethane	9.7		"	10.0	96.9	72-134			1.43	30
Dichlorodifluoromethane	12		"	10.0	120	44-144			2.70	30
Ethyl Benzene	11		"	10.0	107	80-131			0.375	30
Hexachlorobutadiene	10		"	10.0	100	67-146			3.87	30
Isopropylbenzene	11		"	10.0	114	76-140			2.68	30
Methyl acetate	11		"	10.0	112	51-139			0.448	30
Methyl tert-butyl ether (MTBE)	9.6		"	10.0	96.2	76-135			3.28	30
Methylcyclohexane	11		"	10.0	108	72-143			2.47	30
Methylene chloride	10		"	10.0	100	55-137			0.500	30
n-Butylbenzene	12		"	10.0	116	79-132			1.39	30
n-Propylbenzene	11		"	10.0	114	78-133			1.13	30
o-Xylene	11		"	10.0	106	78-130			0.943	30
p- & m- Xylenes	21		"	20.0	105	77-133			0.761	30
p-Isopropyltoluene	11		"	10.0	114	81-136			0.438	30
sec-Butylbenzene	11		"	10.0	115	79-137			0.174	30
Styrene	10		"	10.0	105	67-132			0.380	30
tert-Butyl alcohol (TBA)	14		"	10.0	138	25-162			0.798	30
tert-Butylbenzene	11		"	10.0	111	77-138			0.986	30
Tetrachloroethylene	11		"	10.0	105	82-131			0.946	30
Toluene	11		"	10.0	106	80-127			0.189	30
trans-1,2-Dichloroethylene	10		"	10.0	104	80-132			0.575	30
trans-1,3-Dichloropropylene	10		"	10.0	100	78-131			2.65	30
Trichloroethylene	10		"	10.0	102	82-128			0.197	30
Trichlorofluoromethane	11		"	10.0	113	67-139			0.711	30
Vinyl Chloride	11		"	10.0	115	58-145			1.85	30
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.40</i>		<i>"</i>	<i>10.0</i>	<i>94.0</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.5</i>		<i>"</i>	<i>10.0</i>	<i>105</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>	<i>101</i>	<i>79-122</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51084 - EPA 5030B

Blank (BG51084-BLK1)

Prepared: 07/21/2015 Analyzed: 07/22/2015

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	80	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	1.6	2.0	"								
Acrolein	ND	2.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51084 - EPA 5030B

Blank (BG51084-BLK1)

Prepared: 07/21/2015 Analyzed: 07/22/2015

n-Propylbenzene	ND	0.50	ug/L								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	2.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								

Surrogate: 1,2-Dichloroethane-d4	9.61		"	10.0		96.1	69-130				
Surrogate: Toluene-d8	10.4		"	10.0		104	81-117				
Surrogate: p-Bromofluorobenzene	9.45		"	10.0		94.5	79-122				

LCS (BG51084-BS1)

Prepared & Analyzed: 07/21/2015

1,1,1,2-Tetrachloroethane	10		ug/L	10.0		102	82-126				
1,1,1-Trichloroethane	9.4		"	10.0		93.9	78-136				
1,1,2,2-Tetrachloroethane	10		"	10.0		105	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	14		"	10.0		142	54-165				
1,1,2-Trichloroethane	11		"	10.0		106	82-123				
1,1-Dichloroethane	9.9		"	10.0		99.2	82-129				
1,1-Dichloroethylene	13		"	10.0		135	68-138				
1,2,3-Trichlorobenzene	7.2		"	10.0		71.8	76-136	Low Bias			
1,2,3-Trichloropropane	10		"	10.0		99.5	77-128				
1,2,4-Trichlorobenzene	8.4		"	10.0		84.0	76-137				
1,2,4-Trimethylbenzene	10		"	10.0		102	82-132				
1,2-Dibromo-3-chloropropane	9.6		"	10.0		96.0	45-147				
1,2-Dibromoethane	10		"	10.0		100	83-124				
1,2-Dichlorobenzene	10		"	10.0		100	79-123				
1,2-Dichloroethane	10		"	10.0		100	73-132				
1,2-Dichloropropane	11		"	10.0		106	78-126				
1,3,5-Trimethylbenzene	10		"	10.0		104	80-131				
1,3-Dichlorobenzene	10		"	10.0		101	86-122				
1,4-Dichlorobenzene	10		"	10.0		101	85-124				
1,4-Dioxane	290		"	200		143	10-349				
2-Butanone	9.2		"	10.0		92.4	49-152				
2-Hexanone	12		"	10.0		119	51-146				
4-Methyl-2-pentanone	11		"	10.0		114	57-145				
Acetone	9.3		"	10.0		93.4	14-150				
Acrolein	5.8		"	10.0		57.9	10-153				
Acrylonitrile	10		"	10.0		100	51-150				
Benzene	9.7		"	10.0		97.1	85-126				
Bromochloromethane	10		"	10.0		104	77-128				
Bromodichloromethane	10		"	10.0		102	79-128				
Bromoform	9.8		"	10.0		97.7	78-133				
Bromomethane	3.0		"	10.0		30.4	43-168	Low Bias			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51084 - EPA 5030B

LCS (BG51084-BS1)

Prepared & Analyzed: 07/21/2015

Carbon disulfide	11		ug/L	10.0		113	68-146				
Carbon tetrachloride	9.4		"	10.0		94.0	77-141				
Chlorobenzene	10		"	10.0		103	88-120				
Chloroethane	8.7		"	10.0		86.9	65-136				
Chloroform	9.7		"	10.0		97.2	82-128				
Chloromethane	8.0		"	10.0		80.3	43-155				
cis-1,2-Dichloroethylene	9.7		"	10.0		96.9	83-129				
cis-1,3-Dichloropropylene	10		"	10.0		101	80-131				
Cyclohexane	10		"	10.0		101	63-149				
Dibromochloromethane	10		"	10.0		99.7	80-130				
Dibromomethane	10		"	10.0		103	72-134				
Dichlorodifluoromethane	12		"	10.0		120	44-144				
Ethyl Benzene	10		"	10.0		102	80-131				
Hexachlorobutadiene	9.0		"	10.0		89.5	67-146				
Isopropylbenzene	10		"	10.0		103	76-140				
Methyl acetate	10		"	10.0		104	51-139				
Methyl tert-butyl ether (MTBE)	9.8		"	10.0		97.8	76-135				
Methylcyclohexane	10		"	10.0		103	72-143				
Methylene chloride	9.7		"	10.0		97.1	55-137				
n-Butylbenzene	10		"	10.0		99.7	79-132				
n-Propylbenzene	10		"	10.0		102	78-133				
o-Xylene	10		"	10.0		103	78-130				
p- & m- Xylenes	20		"	20.0		102	77-133				
p-Isopropyltoluene	10		"	10.0		102	81-136				
sec-Butylbenzene	10		"	10.0		100	79-137				
Styrene	10		"	10.0		102	67-132				
tert-Butyl alcohol (TBA)	14		"	10.0		137	25-162				
tert-Butylbenzene	10		"	10.0		102	77-138				
Tetrachloroethylene	10		"	10.0		100	82-131				
Toluene	10		"	10.0		103	80-127				
trans-1,2-Dichloroethylene	9.9		"	10.0		99.2	80-132				
trans-1,3-Dichloropropylene	9.8		"	10.0		98.2	78-131				
Trichloroethylene	10		"	10.0		101	82-128				
Trichlorofluoromethane	10		"	10.0		101	67-139				
Vinyl Chloride	9.3		"	10.0		93.2	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.90</i>		<i>"</i>	<i>10.0</i>		<i>99.0</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>79-122</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG51084 - EPA 5030B											
LCS Dup (BG51084-BSD1)											
Prepared & Analyzed: 07/21/2015											
1,1,1,2-Tetrachloroethane	10		ug/L	10.0		103	82-126		0.585	30	
1,1,1-Trichloroethane	9.7		"	10.0		97.0	78-136		3.25	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		110	76-129		4.94	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	14		"	10.0		140	54-165		1.77	30	
1,1,2-Trichloroethane	10		"	10.0		104	82-123		1.72	30	
1,1-Dichloroethane	10		"	10.0		101	82-129		1.90	30	
1,1-Dichloroethylene	13		"	10.0		132	68-138		1.80	30	
1,2,3-Trichlorobenzene	7.3		"	10.0		72.6	76-136	Low Bias	1.11	30	
1,2,3-Trichloropropane	10		"	10.0		101	77-128		1.89	30	
1,2,4-Trichlorobenzene	8.3		"	10.0		83.3	76-137		0.837	30	
1,2,4-Trimethylbenzene	11		"	10.0		107	82-132		4.60	30	
1,2-Dibromo-3-chloropropane	9.4		"	10.0		94.5	45-147		1.57	30	
1,2-Dibromoethane	9.8		"	10.0		97.7	83-124		2.63	30	
1,2-Dichlorobenzene	10		"	10.0		103	79-123		2.95	30	
1,2-Dichloroethane	10		"	10.0		101	73-132		1.09	30	
1,2-Dichloropropane	11		"	10.0		108	78-126		1.69	30	
1,3,5-Trimethylbenzene	11		"	10.0		108	80-131		4.25	30	
1,3-Dichlorobenzene	10		"	10.0		104	86-122		3.80	30	
1,4-Dichlorobenzene	10		"	10.0		102	85-124		1.08	30	
1,4-Dioxane	300		"	200		151	10-349		5.53	30	
2-Butanone	10		"	10.0		105	49-152		12.4	30	
2-Hexanone	12		"	10.0		116	51-146		2.55	30	
4-Methyl-2-pentanone	12		"	10.0		117	57-145		3.12	30	
Acetone	9.1		"	10.0		91.3	14-150		2.27	30	
Acrolein	6.8		"	10.0		67.7	10-153		15.6	30	
Acrylonitrile	10		"	10.0		102	51-150		1.88	30	
Benzene	9.9		"	10.0		98.8	85-126		1.74	30	
Bromochloromethane	11		"	10.0		106	77-128		2.29	30	
Bromodichloromethane	10		"	10.0		104	79-128		2.05	30	
Bromoform	10		"	10.0		104	78-133		6.44	30	
Bromomethane	4.4		"	10.0		43.9	43-168		36.3	30	Non-dir.
Carbon disulfide	12		"	10.0		116	68-146		2.09	30	
Carbon tetrachloride	9.8		"	10.0		97.8	77-141		3.96	30	
Chlorobenzene	10		"	10.0		104	88-120		0.968	30	
Chloroethane	9.9		"	10.0		99.2	65-136		13.2	30	
Chloroform	9.8		"	10.0		98.2	82-128		1.02	30	
Chloromethane	8.9		"	10.0		88.8	43-155		10.1	30	
cis-1,2-Dichloroethylene	9.8		"	10.0		98.1	83-129		1.23	30	
cis-1,3-Dichloropropylene	10		"	10.0		104	80-131		3.12	30	
Cyclohexane	10		"	10.0		104	63-149		3.51	30	
Dibromochloromethane	10		"	10.0		99.9	80-130		0.200	30	
Dibromomethane	10		"	10.0		103	72-134		0.194	30	
Dichlorodifluoromethane	12		"	10.0		120	44-144		0.667	30	
Ethyl Benzene	10		"	10.0		104	80-131		1.45	30	
Hexachlorobutadiene	9.0		"	10.0		90.0	67-146		0.557	30	
Isopropylbenzene	11		"	10.0		111	76-140		7.55	30	
Methyl acetate	10		"	10.0		103	51-139		0.775	30	
Methyl tert-butyl ether (MTBE)	9.8		"	10.0		97.7	76-135		0.102	30	
Methylcyclohexane	11		"	10.0		105	72-143		1.82	30	
Methylene chloride	9.8		"	10.0		98.1	55-137		1.02	30	
n-Butylbenzene	11		"	10.0		106	79-132		5.75	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51084 - EPA 5030B

LCS Dup (BG51084-BSD1)

Prepared & Analyzed: 07/21/2015

n-Propylbenzene	11		ug/L	10.0		110	78-133		7.38	30	
o-Xylene	10		"	10.0		103	78-130		0.194	30	
p- & m- Xylenes	21		"	20.0		103	77-133		0.683	30	
p-Isopropyltoluene	11		"	10.0		106	81-136		4.42	30	
sec-Butylbenzene	11		"	10.0		106	79-137		5.14	30	
Styrene	10		"	10.0		101	67-132		0.690	30	
tert-Butyl alcohol (TBA)	15		"	10.0		151	25-162		9.43	30	
tert-Butylbenzene	11		"	10.0		106	77-138		4.24	30	
Tetrachloroethylene	10		"	10.0		104	82-131		3.63	30	
Toluene	10		"	10.0		104	80-127		0.964	30	
trans-1,2-Dichloroethylene	10		"	10.0		102	80-132		2.88	30	
trans-1,3-Dichloropropylene	10		"	10.0		100	78-131		2.02	30	
Trichloroethylene	10		"	10.0		103	82-128		2.15	30	
Trichlorofluoromethane	11		"	10.0		108	67-139		6.86	30	
Vinyl Chloride	10		"	10.0		102	58-145		8.72	30	
Surrogate: 1,2-Dichloroethane-d4	9.63		"	10.0		96.3	69-130				
Surrogate: Toluene-d8	10.4		"	10.0		104	81-117				
Surrogate: p-Bromofluorobenzene	10.4		"	10.0		104	79-122				

Batch BG51085 - EPA 5030B

Blank (BG51085-BLK1)

Prepared & Analyzed: 07/21/2015

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	80	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	1.9	2.0	"								
Acrolein	ND	2.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51085 - EPA 5030B

Blank (BG51085-BLK1)

Prepared & Analyzed: 07/21/2015

Bromomethane	ND	0.50	ug/L								
Carbon disulfide	0.26	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	2.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<hr/>											
Surrogate: 1,2-Dichloroethane-d4	10.5		"	10.0		105	69-130				
Surrogate: Toluene-d8	10.2		"	10.0		102	81-117				
Surrogate: p-Bromofluorobenzene	10.3		"	10.0		103	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51085 - EPA 5030B

LCS (BG51085-BS1)

Prepared & Analyzed: 07/21/2015

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	Limits	Flag	RPD	Limit	Flag
1,1,1,2-Tetrachloroethane	10		ug/L	10.0		104	82-126				
1,1,1-Trichloroethane	10		"	10.0		105	78-136				
1,1,2,2-Tetrachloroethane	10		"	10.0		101	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		102	54-165				
1,1,2-Trichloroethane	10		"	10.0		103	82-123				
1,1-Dichloroethane	11		"	10.0		108	82-129				
1,1-Dichloroethylene	10		"	10.0		103	68-138				
1,2,3-Trichlorobenzene	11		"	10.0		106	76-136				
1,2,3-Trichloropropane	10		"	10.0		104	77-128				
1,2,4-Trichlorobenzene	10		"	10.0		102	76-137				
1,2,4-Trimethylbenzene	11		"	10.0		109	82-132				
1,2-Dibromo-3-chloropropane	10		"	10.0		101	45-147				
1,2-Dibromoethane	11		"	10.0		106	83-124				
1,2-Dichlorobenzene	10		"	10.0		102	79-123				
1,2-Dichloroethane	10		"	10.0		102	73-132				
1,2-Dichloropropane	10		"	10.0		105	78-126				
1,3,5-Trimethylbenzene	11		"	10.0		108	80-131				
1,3-Dichlorobenzene	10		"	10.0		104	86-122				
1,4-Dichlorobenzene	10		"	10.0		105	85-124				
1,4-Dioxane	440		"	200		219	10-349				
2-Butanone	10		"	10.0		102	49-152				
2-Hexanone	10		"	10.0		102	51-146				
4-Methyl-2-pentanone	5.8		"	10.0		57.7	57-145				
Acetone	11		"	10.0		108	14-150				
Acrolein	10		"	10.0		101	10-153				
Acrylonitrile	11		"	10.0		109	51-150				
Benzene	10		"	10.0		103	85-126				
Bromochloromethane	11		"	10.0		106	77-128				
Bromodichloromethane	11		"	10.0		107	79-128				
Bromoform	10		"	10.0		105	78-133				
Bromomethane	14		"	10.0		141	43-168				
Carbon disulfide	10		"	10.0		104	68-146				
Carbon tetrachloride	10		"	10.0		104	77-141				
Chlorobenzene	10		"	10.0		105	88-120				
Chloroethane	10		"	10.0		103	65-136				
Chloroform	10		"	10.0		104	82-128				
Chloromethane	11		"	10.0		109	43-155				
cis-1,2-Dichloroethylene	10		"	10.0		101	83-129				
cis-1,3-Dichloropropylene	9.6		"	10.0		95.7	80-131				
Cyclohexane	11		"	10.0		106	63-149				
Dibromochloromethane	11		"	10.0		106	80-130				
Dibromomethane	10		"	10.0		104	72-134				
Dichlorodifluoromethane	9.1		"	10.0		91.3	44-144				
Ethyl Benzene	11		"	10.0		108	80-131				
Hexachlorobutadiene	10		"	10.0		101	67-146				
Isopropylbenzene	11		"	10.0		108	76-140				
Methyl acetate	9.4		"	10.0		93.5	51-139				
Methyl tert-butyl ether (MTBE)	10		"	10.0		104	76-135				
Methylcyclohexane	10		"	10.0		99.8	72-143				
Methylene chloride	10		"	10.0		102	55-137				
n-Butylbenzene	11		"	10.0		108	79-132				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG51085 - EPA 5030B											
LCS (BG51085-BS1)											
Prepared & Analyzed: 07/21/2015											
n-Propylbenzene	11		ug/L	10.0		107	78-133				
o-Xylene	11		"	10.0		109	78-130				
p- & m- Xylenes	22		"	20.0		110	77-133				
p-Isopropyltoluene	11		"	10.0		110	81-136				
sec-Butylbenzene	11		"	10.0		108	79-137				
Styrene	12		"	10.0		122	67-132				
tert-Butyl alcohol (TBA)	7.4		"	10.0		74.0	25-162				
tert-Butylbenzene	11		"	10.0		108	77-138				
Tetrachloroethylene	10		"	10.0		101	82-131				
Toluene	11		"	10.0		105	80-127				
trans-1,2-Dichloroethylene	10		"	10.0		104	80-132				
trans-1,3-Dichloropropylene	9.6		"	10.0		95.9	78-131				
Trichloroethylene	10		"	10.0		104	82-128				
Trichlorofluoromethane	10		"	10.0		104	67-139				
Vinyl Chloride	11		"	10.0		107	58-145				
Surrogate: 1,2-Dichloroethane-d4	10.4		"	10.0		104	69-130				
Surrogate: Toluene-d8	9.99		"	10.0		99.9	81-117				
Surrogate: p-Bromofluorobenzene	9.99		"	10.0		99.9	79-122				
LCS Dup (BG51085-BSD1)											
Prepared & Analyzed: 07/21/2015											
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		106	82-126		2.28		30
1,1,1-Trichloroethane	10		"	10.0		104	78-136		0.864		30
1,1,2,2-Tetrachloroethane	11		"	10.0		107	76-129		5.87		30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		106	54-165		3.27		30
1,1,2-Trichloroethane	11		"	10.0		111	82-123		7.10		30
1,1-Dichloroethane	11		"	10.0		109	82-129		0.276		30
1,1-Dichloroethylene	10		"	10.0		103	68-138		0.194		30
1,2,3-Trichlorobenzene	11		"	10.0		113	76-136		6.95		30
1,2,3-Trichloropropane	11		"	10.0		110	77-128		5.73		30
1,2,4-Trichlorobenzene	11		"	10.0		108	76-137		6.10		30
1,2,4-Trimethylbenzene	11		"	10.0		110	82-132		1.10		30
1,2-Dibromo-3-chloropropane	11		"	10.0		111	45-147		9.56		30
1,2-Dibromoethane	11		"	10.0		110	83-124		3.60		30
1,2-Dichlorobenzene	11		"	10.0		107	79-123		4.31		30
1,2-Dichloroethane	11		"	10.0		110	73-132		8.04		30
1,2-Dichloropropane	11		"	10.0		109	78-126		3.84		30
1,3,5-Trimethylbenzene	11		"	10.0		108	80-131		0.834		30
1,3-Dichlorobenzene	11		"	10.0		107	86-122		2.55		30
1,4-Dichlorobenzene	11		"	10.0		106	85-124		0.666		30
1,4-Dioxane	340		"	200		169	10-349		25.7		30
2-Butanone	11		"	10.0		110	49-152		8.03		30
2-Hexanone	11		"	10.0		108	51-146		5.61		30
4-Methyl-2-pentanone	6.3		"	10.0		63.3	57-145		9.26		30
Acetone	10		"	10.0		104	14-150		3.49		30
Acrolein	9.0		"	10.0		90.0	10-153		11.8		30
Acrylonitrile	11		"	10.0		110	51-150		0.822		30
Benzene	10		"	10.0		104	85-126		0.677		30
Bromochloromethane	11		"	10.0		107	77-128		1.60		30
Bromodichloromethane	11		"	10.0		109	79-128		2.32		30
Bromoform	11		"	10.0		107	78-133		1.70		30
Bromomethane	12		"	10.0		121	43-168		15.2		30
Carbon disulfide	10		"	10.0		104	68-146		0.00		30



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level
Batch BG51085 - EPA 5030B										
LCS Dup (BG51085-BSD1)										
Prepared & Analyzed: 07/21/2015										
Carbon tetrachloride	10		ug/L	10.0	105	77-141			0.574	30
Chlorobenzene	10		"	10.0	105	88-120			0.191	30
Chloroethane	10		"	10.0	104	65-136			0.962	30
Chloroform	10		"	10.0	104	82-128			0.384	30
Chloromethane	11		"	10.0	108	43-155			0.735	30
cis-1,2-Dichloroethylene	10		"	10.0	103	83-129			2.06	30
cis-1,3-Dichloropropylene	10		"	10.0	101	80-131			5.69	30
Cyclohexane	11		"	10.0	109	63-149			2.97	30
Dibromochloromethane	11		"	10.0	110	80-130			3.99	30
Dibromomethane	11		"	10.0	108	72-134			4.53	30
Dichlorodifluoromethane	9.6		"	10.0	95.7	44-144			4.71	30
Ethyl Benzene	11		"	10.0	107	80-131			0.834	30
Hexachlorobutadiene	10		"	10.0	104	67-146			3.22	30
Isopropylbenzene	11		"	10.0	108	76-140			0.277	30
Methyl acetate	9.4		"	10.0	93.7	51-139			0.214	30
Methyl tert-butyl ether (MTBE)	11		"	10.0	109	76-135			4.32	30
Methylcyclohexane	11		"	10.0	107	72-143			7.06	30
Methylene chloride	11		"	10.0	107	55-137			4.11	30
n-Butylbenzene	11		"	10.0	110	79-132			1.56	30
n-Propylbenzene	11		"	10.0	108	78-133			0.928	30
o-Xylene	11		"	10.0	110	78-130			1.00	30
p- & m- Xylenes	22		"	20.0	109	77-133			0.549	30
p-Isopropyltoluene	11		"	10.0	111	81-136			0.907	30
sec-Butylbenzene	11		"	10.0	110	79-137			1.38	30
Styrene	12		"	10.0	122	67-132			0.246	30
tert-Butyl alcohol (TBA)	7.3		"	10.0	72.8	25-162			1.63	30
tert-Butylbenzene	11		"	10.0	108	77-138			0.0922	30
Tetrachloroethylene	10		"	10.0	105	82-131			3.99	30
Toluene	11		"	10.0	108	80-127			2.26	30
trans-1,2-Dichloroethylene	10		"	10.0	104	80-132			0.480	30
trans-1,3-Dichloropropylene	9.8		"	10.0	98.1	78-131			2.27	30
Trichloroethylene	11		"	10.0	106	82-128			2.29	30
Trichlorofluoromethane	10		"	10.0	104	67-139			0.0957	30
Vinyl Chloride	10		"	10.0	105	58-145			1.99	30
Surrogate: 1,2-Dichloroethane-d4	10.4		"	10.0	104	69-130				
Surrogate: Toluene-d8	10.2		"	10.0	102	81-117				
Surrogate: p-Bromofluorobenzene	9.91		"	10.0	99.1	79-122				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51033 - EPA 3510C

Blank (BG51033-BLK1)

Prepared & Analyzed: 07/21/2015

1,1'-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3'-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	20.0	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	50.0	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51033 - EPA 3510C

Blank (BG51033-BLK1)

Prepared & Analyzed: 07/21/2015

Caprolactam	ND	5.00	ug/L								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Surrogate: 2-Fluorophenol	23.2		"	75.0		30.9	10-65				
Surrogate: Phenol-d5	14.7		"	75.2		19.5	10-49				
Surrogate: Nitrobenzene-d5	37.2		"	50.2		74.0	10-96				
Surrogate: 2-Fluorobiphenyl	38.7		"	50.1		77.3	10-93				
Surrogate: 2,4,6-Tribromophenol	61.4		"	75.2		81.6	10-128				
Surrogate: Terphenyl-d14	47.2		"	50.2		94.0	10-100				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG51033 - EPA 3510C											
LCS (BG51033-BS1)											
Prepared & Analyzed: 07/21/2015											
1,1'-Biphenyl	ND	5.00	ug/L				21-102				
1,2,4,5-Tetrachlorobenzene	39.1	5.00	"	50.0		78.3	28-105				
1,2,4-Trichlorobenzene	37.2	5.00	"	50.0		74.5	35-91				
1,2-Dichlorobenzene	30.7	5.00	"	50.0		61.4	42-85				
1,2-Diphenylhydrazine (as Azobenzene)	39.1	5.00	"	50.0		78.2	16-137				
1,3-Dichlorobenzene	29.1	5.00	"	50.0		58.2	45-80				
1,4-Dichlorobenzene	30.2	5.00	"	50.0		60.5	42-82				
2,3,4,6-Tetrachlorophenol	33.3	5.00	"				30-130				
2,4,5-Trichlorophenol	39.0	5.00	"	50.0		78.0	36-112				
2,4,6-Trichlorophenol	36.4	5.00	"	50.0		72.7	41-107				
2,4-Dichlorophenol	40.0	5.00	"	50.0		79.9	43-92				
2,4-Dimethylphenol	39.2	5.00	"	50.0		78.3	25-92				
2,4-Dinitrophenol	32.3	5.00	"	50.0		64.7	10-149				
2,4-Dinitrotoluene	39.6	5.00	"	50.0		79.1	41-114				
2,6-Dinitrotoluene	38.9	5.00	"	50.0		77.8	49-106				
2-Chloronaphthalene	34.7	5.00	"	50.0		69.5	40-96				
2-Chlorophenol	30.2	5.00	"	50.0		60.3	35-84				
2-Methylnaphthalene	47.4	5.00	"	50.0		94.8	33-101				
2-Methylphenol	23.2	5.00	"	50.0		46.4	10-90				
2-Nitroaniline	33.8	5.00	"	50.0		67.5	31-122				
2-Nitrophenol	39.1	5.00	"	50.0		78.3	37-97				
3- & 4-Methylphenols	19.5	5.00	"	50.0		38.9	10-101				
3,3'-Dichlorobenzidine	65.6	5.00	"	50.0		131	25-155				
3-Nitroaniline	33.9	5.00	"	50.0		67.8	29-128				
4,6-Dinitro-2-methylphenol	46.2	5.00	"	50.0		92.5	10-135				
4-Bromophenyl phenyl ether	42.2	5.00	"	50.0		84.5	38-116				
4-Chloro-3-methylphenol	35.7	5.00	"	50.0		71.4	28-101				
4-Chloroaniline	43.7	5.00	"	50.0		87.4	10-154				
4-Chlorophenyl phenyl ether	45.8	5.00	"	50.0		91.6	34-112				
4-Nitroaniline	36.1	5.00	"	50.0		72.3	15-143				
4-Nitrophenol	8.16	5.00	"	50.0		16.3	10-112				
Acenaphthene	37.9	0.0500	"	50.0		75.8	24-114				
Acenaphthylene	35.0	0.0500	"	50.0		70.0	26-112				
Acetophenone	ND	5.00	"				47-92				
Aniline	23.7	5.00	"	50.0		47.4	10-107				
Anthracene	39.1	0.0500	"	50.0		78.2	35-114				
Atrazine	ND	0.500	"				43-101				
Benzaldehyde	ND	5.00	"				17-117				
Benzo(a)anthracene	41.7	0.0500	"	50.0		83.4	38-127				
Benzo(a)pyrene	32.0	0.0500	"	50.0		64.1	30-146				
Benzo(b)fluoranthene	28.0	0.0500	"	50.0		56.0	36-145				
Benzo(g,h,i)perylene	39.8	0.0500	"	50.0		79.5	10-163				
Benzo(k)fluoranthene	33.0	0.0500	"	50.0		66.0	16-149				
Benzoic acid	ND	5.00	"				30-130				
Benzyl alcohol	22.7	5.00	"	50.0		45.4	18-75				
Benzyl butyl phthalate	36.8	5.00	"	50.0		73.6	28-129				
Bis(2-chloroethoxy)methane	41.3	5.00	"	50.0		82.6	27-112				
Bis(2-chloroethyl)ether	38.6	5.00	"	50.0		77.2	24-114				
Bis(2-chloroisopropyl)ether	37.7	5.00	"	50.0		75.4	21-124				
Bis(2-ethylhexyl)phthalate	47.1	0.500	"	50.0		94.2	10-171				
Caprolactam	ND	5.00	"				10-29				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51033 - EPA 3510C

LCS (BG51033-BS1)

Prepared & Analyzed: 07/21/2015

Carbazole	38.2	5.00	ug/L	50.0		76.5	49-116				
Chrysene	33.8	0.0500	"	50.0		67.6	33-120				
Dibenzo(a,h)anthracene	45.3	0.0500	"	50.0		90.6	10-149				
Dibenzofuran	39.8	5.00	"	50.0		79.7	42-105				
Diethyl phthalate	41.8	5.00	"	50.0		83.7	38-112				
Dimethyl phthalate	35.3	5.00	"	50.0		70.6	49-106				
Di-n-butyl phthalate	40.8	5.00	"	50.0		81.6	36-110				
Di-n-octyl phthalate	34.9	5.00	"	50.0		69.8	12-149				
Fluoranthene	37.6	0.0500	"	50.0		75.3	33-126				
Fluorene	42.5	0.0500	"	50.0		85.0	28-117				
Hexachlorobenzene	38.3	0.0200	"	50.0		76.7	27-120				
Hexachlorobutadiene	38.4	0.500	"	50.0		76.8	25-106				
Hexachlorocyclopentadiene	29.4	5.00	"	50.0		58.9	10-99				
Hexachloroethane	30.7	0.500	"	50.0		61.4	33-84				
Indeno(1,2,3-cd)pyrene	40.7	0.0500	"	50.0		81.4	10-150				
Isophorone	40.0	5.00	"	50.0		80.0	29-115				
Naphthalene	41.3	0.0500	"	50.0		82.6	30-99				
Nitrobenzene	33.4	0.250	"	50.0		66.8	32-113				
N-Nitrosodimethylamine	18.2	0.500	"	50.0		36.5	10-63				
N-nitroso-di-n-propylamine	36.3	5.00	"	50.0		72.7	36-118				
N-Nitrosodiphenylamine	54.2	5.00	"	50.0		108	27-145				
Pentachlorophenol	31.7	0.250	"	50.0		63.4	19-127				
Phenanthrene	42.9	0.0500	"	50.0		85.8	31-112				
Phenol	13.7	5.00	"	50.0		27.4	10-37				
Pyrene	37.7	0.0500	"	50.0		75.5	42-125				
Surrogate: 2-Fluorophenol	27.0		"	75.0		35.9	10-65				
Surrogate: Phenol-d5	20.3		"	75.2		27.0	10-49				
Surrogate: Nitrobenzene-d5	43.4		"	50.2		86.4	10-96				
Surrogate: 2-Fluorobiphenyl	52.7		"	50.1		105	10-93				
Surrogate: 2,4,6-Tribromophenol	85.3		"	75.2		113	10-128				
Surrogate: Terphenyl-d14	53.0		"	50.2		106	10-100				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51033 - EPA 3510C

LCS (BG51033-BS2)

Prepared & Analyzed: 07/21/2015

Acenaphthene	0.640	0.0500	ug/L	1.00		64.0	24-114				
Acenaphthylene	0.660	0.0500	"	1.00		66.0	26-112				
Anthracene	0.580	0.0500	"	1.00		58.0	35-114				
Benzo(a)anthracene	0.720	0.0500	"	1.00		72.0	38-127				
Benzo(a)pyrene	0.700	0.0500	"	1.00		70.0	30-146				
Benzo(b)fluoranthene	0.760	0.0500	"	1.00		76.0	36-145				
Benzo(g,h,i)perylene	0.740	0.0500	"	1.00		74.0	10-163				
Benzo(k)fluoranthene	0.750	0.0500	"	1.00		75.0	16-149				
Chrysene	0.700	0.0500	"	1.00		70.0	33-120				
Dibenzo(a,h)anthracene	0.790	0.0500	"	1.00		79.0	10-149				
Fluoranthene	0.730	0.0500	"	1.00		73.0	33-126				
Fluorene	0.680	0.0500	"	1.00		68.0	28-117				
Indeno(1,2,3-cd)pyrene	0.790	0.0500	"	1.00		79.0	10-150				
Naphthalene	0.600	0.0500	"	1.00		60.0	30-99				
Phenanthrene	0.650	0.0500	"	1.00		65.0	31-112				
Pyrene	0.750	0.0500	"	1.00		75.0	42-125				

LCS Dup (BG51033-BSD1)

Prepared & Analyzed: 07/21/2015

1,1'-Biphenyl	ND	5.00	ug/L				21-102				20
1,2,4,5-Tetrachlorobenzene	39.4	5.00	"	50.0		78.8	28-105		0.687		20
1,2,4-Trichlorobenzene	36.2	5.00	"	50.0		72.4	35-91		2.89		20
1,2-Dichlorobenzene	31.1	5.00	"	50.0		62.3	42-85		1.39		20
1,2-Diphenylhydrazine (as Azobenzene)	40.0	5.00	"	50.0		79.9	16-137		2.18		20
1,3-Dichlorobenzene	27.5	5.00	"	50.0		55.1	45-80		5.61		20
1,4-Dichlorobenzene	30.8	5.00	"	50.0		61.5	42-82		1.67		20
2,3,4,6-Tetrachlorophenol	34.6	5.00	"				30-130		3.62		20
2,4,5-Trichlorophenol	37.8	5.00	"	50.0		75.6	36-112		3.13		20
2,4,6-Trichlorophenol	36.6	5.00	"	50.0		73.3	41-107		0.795		20
2,4-Dichlorophenol	37.9	5.00	"	50.0		75.8	43-92		5.32		20
2,4-Dimethylphenol	37.9	5.00	"	50.0		75.8	25-92		3.30		20
2,4-Dinitrophenol	33.0	5.00	"	50.0		65.9	10-149		1.96		20
2,4-Dinitrotoluene	40.5	5.00	"	50.0		81.0	41-114		2.35		20
2,6-Dinitrotoluene	40.5	5.00	"	50.0		81.0	49-106		4.03		20
2-Chloronaphthalene	35.2	5.00	"	50.0		70.4	40-96		1.29		20
2-Chlorophenol	29.7	5.00	"	50.0		59.4	35-84		1.57		20
2-Methylnaphthalene	46.3	5.00	"	50.0		92.6	33-101		2.37		20
2-Methylphenol	21.9	5.00	"	50.0		43.7	10-90		5.95		20
2-Nitroaniline	34.3	5.00	"	50.0		68.7	31-122		1.67		20
2-Nitrophenol	37.8	5.00	"	50.0		75.7	37-97		3.38		20
3- & 4-Methylphenols	19.0	5.00	"	50.0		38.0	10-101		2.39		20
3,3'-Dichlorobenzidine	67.5	5.00	"	50.0		135	25-155		2.92		20
3-Nitroaniline	33.8	5.00	"	50.0		67.7	29-128		0.207		20
4,6-Dinitro-2-methylphenol	47.7	5.00	"	50.0		95.5	10-135		3.19		20
4-Bromophenyl phenyl ether	43.4	5.00	"	50.0		86.8	38-116		2.71		20
4-Chloro-3-methylphenol	34.2	5.00	"	50.0		68.4	28-101		4.35		20
4-Chloroaniline	43.0	5.00	"	50.0		86.0	10-154		1.66		20
4-Chlorophenyl phenyl ether	45.6	5.00	"	50.0		91.3	34-112		0.372		20
4-Nitroaniline	35.8	5.00	"	50.0		71.7	15-143		0.834		20
4-Nitrophenol	ND	5.00	"	50.0			10-112	Low Bias			20
Acenaphthene	38.4	0.0500	"	50.0		76.9	24-114		1.34		20
Acenaphthylene	35.5	0.0500	"	50.0		71.0	26-112		1.45		20
Acetophenone	ND	5.00	"				47-92				20



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51033 - EPA 3510C

LCS Dup (BG51033-BSD1)

Prepared & Analyzed: 07/21/2015

Aniline	23.6	5.00	ug/L	50.0		47.2	10-107		0.381	20	
Anthracene	39.6	0.0500	"	50.0		79.2	35-114		1.32	20	
Atrazine	ND	0.500	"				43-101			20	
Benzaldehyde	ND	5.00	"				17-117			20	
Benzo(a)anthracene	43.0	0.0500	"	50.0		86.1	38-127		3.16	20	
Benzo(a)pyrene	31.7	0.0500	"	50.0		63.5	30-146		0.972	20	
Benzo(b)fluoranthene	27.9	0.0500	"	50.0		55.9	36-145		0.215	20	
Benzo(g,h,i)perylene	36.2	0.0500	"	50.0		72.4	10-163		9.35	20	
Benzo(k)fluoranthene	30.2	0.0500	"	50.0		60.4	16-149		8.79	20	
Benzoic acid	ND	50.0	"				30-130			20	
Benzyl alcohol	23.2	5.00	"	50.0		46.5	18-75		2.44	20	
Benzyl butyl phthalate	38.5	5.00	"	50.0		77.0	28-129		4.44	20	
Bis(2-chloroethoxy)methane	41.5	5.00	"	50.0		83.1	27-112		0.531	20	
Bis(2-chloroethyl)ether	38.3	5.00	"	50.0		76.6	24-114		0.884	20	
Bis(2-chloroisopropyl)ether	38.6	5.00	"	50.0		77.2	21-124		2.25	20	
Bis(2-ethylhexyl)phthalate	49.7	0.500	"	50.0		99.3	10-171		5.25	20	
Caprolactam	ND	5.00	"				10-29			20	
Carbazole	39.3	5.00	"	50.0		78.7	49-116		2.84	20	
Chrysene	34.2	0.0500	"	50.0		68.4	33-120		1.18	20	
Dibenzo(a,h)anthracene	44.0	0.0500	"	50.0		88.1	10-149		2.82	20	
Dibenzofuran	40.2	5.00	"	50.0		80.4	42-105		0.825	20	
Diethyl phthalate	42.9	5.00	"	50.0		85.8	38-112		2.45	20	
Dimethyl phthalate	36.3	5.00	"	50.0		72.6	49-106		2.68	20	
Di-n-butyl phthalate	42.4	5.00	"	50.0		84.9	36-110		3.94	20	
Di-n-octyl phthalate	35.2	5.00	"	50.0		70.3	12-149		0.742	20	
Fluoranthene	38.6	0.0500	"	50.0		77.3	33-126		2.62	20	
Fluorene	42.7	0.0500	"	50.0		85.4	28-117		0.423	20	
Hexachlorobenzene	40.3	0.0200	"	50.0		80.6	27-120		4.96	20	
Hexachlorobutadiene	36.6	0.500	"	50.0		73.3	25-106		4.74	20	
Hexachlorocyclopentadiene	29.6	5.00	"	50.0		59.3	10-99		0.677	20	
Hexachloroethane	29.3	0.500	"	50.0		58.5	33-84		4.77	20	
Indeno(1,2,3-cd)pyrene	39.8	0.0500	"	50.0		79.5	10-150		2.29	20	
Isophorone	39.7	5.00	"	50.0		79.3	29-115		0.853	20	
Naphthalene	39.8	0.0500	"	50.0		79.7	30-99		3.60	20	
Nitrobenzene	34.3	0.250	"	50.0		68.5	32-113		2.60	20	
N-Nitrosodimethylamine	15.6	0.500	"	50.0		31.2	10-63		15.7	20	
N-nitroso-di-n-propylamine	36.3	5.00	"	50.0		72.6	36-118		0.165	20	
N-Nitrosodiphenylamine	54.8	5.00	"	50.0		110	27-145		1.08	20	
Pentachlorophenol	33.5	0.250	"	50.0		66.9	19-127		5.37	20	
Phenanthrene	43.0	0.0500	"	50.0		86.0	31-112		0.210	20	
Phenol	14.2	5.00	"	50.0		28.4	10-37		3.51	20	
Pyrene	38.8	0.0500	"	50.0		77.6	42-125		2.74	20	
Surrogate: 2-Fluorophenol	25.0		"	75.0		33.4	10-65				
Surrogate: Phenol-d5	19.0		"	75.2		25.3	10-49				
Surrogate: Nitrobenzene-d5	40.8		"	50.2		81.3	10-96				
Surrogate: 2-Fluorobiphenyl	48.9		"	50.1		97.6	10-93				
Surrogate: 2,4,6-Tribromophenol	80.1		"	75.2		107	10-128				
Surrogate: Terphenyl-d14	50.6		"	50.2		101	10-100				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51096 - EPA 3510C

Blank (BG51096-BLK1)

Prepared & Analyzed: 07/22/2015

1,1'-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3'-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	20.0	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	50.0	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51096 - EPA 3510C

Blank (BG51096-BLK1)

Prepared & Analyzed: 07/22/2015

Caprolactam	ND	5.00	ug/L								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
<i>Surrogate: 2-Fluorophenol</i>	<i>24.5</i>		<i>"</i>	<i>75.0</i>		<i>32.7</i>	<i>10-65</i>				
<i>Surrogate: Phenol-d5</i>	<i>14.4</i>		<i>"</i>	<i>75.2</i>		<i>19.2</i>	<i>10-49</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>40.0</i>		<i>"</i>	<i>50.2</i>		<i>79.6</i>	<i>10-96</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>39.8</i>		<i>"</i>	<i>50.1</i>		<i>79.4</i>	<i>10-93</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>54.7</i>		<i>"</i>	<i>75.2</i>		<i>72.7</i>	<i>10-128</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>45.8</i>		<i>"</i>	<i>50.2</i>		<i>91.3</i>	<i>10-100</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51096 - EPA 3510C

LCS (BG51096-BS1)

Prepared & Analyzed: 07/22/2015

1,1'-Biphenyl	44.1	5.00	ug/L				21-102				
1,2,4,5-Tetrachlorobenzene	29.0	5.00	"	50.0		58.1	28-105				
1,2,4-Trichlorobenzene	35.4	5.00	"	50.0		70.9	35-91				
1,2-Dichlorobenzene	31.5	5.00	"	50.0		63.0	42-85				
1,2-Diphenylhydrazine (as Azobenzene)	37.5	5.00	"	50.0		75.0	16-137				
1,3-Dichlorobenzene	31.8	5.00	"	50.0		63.7	45-80				
1,4-Dichlorobenzene	27.4	5.00	"	50.0		54.9	42-82				
2,3,4,6-Tetrachlorophenol	43.0	5.00	"	50.0		86.0	30-130				
2,4,5-Trichlorophenol	40.0	5.00	"	50.0		80.1	36-112				
2,4,6-Trichlorophenol	42.5	5.00	"	50.0		85.0	41-107				
2,4-Dichlorophenol	44.7	5.00	"	50.0		89.3	43-92				
2,4-Dimethylphenol	39.3	5.00	"	50.0		78.6	25-92				
2,4-Dinitrophenol	33.5	5.00	"	50.0		67.0	10-149				
2,4-Dinitrotoluene	49.0	5.00	"	50.0		98.0	41-114				
2,6-Dinitrotoluene	44.5	5.00	"	50.0		89.0	49-106				
2-Chloronaphthalene	38.1	5.00	"	50.0		76.2	40-96				
2-Chlorophenol	30.6	5.00	"	50.0		61.1	35-84				
2-Methylnaphthalene	42.0	5.00	"	50.0		83.9	33-101				
2-Methylphenol	24.2	5.00	"	50.0		48.4	10-90				
2-Nitroaniline	48.6	5.00	"	50.0		97.1	31-122				
2-Nitrophenol	44.3	5.00	"	50.0		88.7	37-97				
3- & 4-Methylphenols	19.8	5.00	"	50.0		39.6	10-101				
3,3'-Dichlorobenzidine	52.7	5.00	"	50.0		105	25-155				
3-Nitroaniline	35.8	5.00	"	50.0		71.5	29-128				
4,6-Dinitro-2-methylphenol	51.6	5.00	"	50.0		103	10-135				
4-Bromophenyl phenyl ether	41.3	5.00	"	50.0		82.5	38-116				
4-Chloro-3-methylphenol	43.9	5.00	"	50.0		87.9	28-101				
4-Chloroaniline	46.7	5.00	"	50.0		93.5	10-154				
4-Chlorophenyl phenyl ether	37.5	5.00	"	50.0		75.0	34-112				
4-Nitroaniline	45.9	5.00	"	50.0		91.7	15-143				
4-Nitrophenol	25.8	5.00	"	50.0		51.5	10-112				
Acenaphthene	42.9	0.0500	"	50.0		85.9	24-114				
Acenaphthylene	38.0	0.0500	"	50.0		76.0	26-112				
Acetophenone	35.0	5.00	"	50.0		70.0	47-92				
Aniline	25.8	5.00	"	50.0		51.7	10-107				
Anthracene	40.8	0.0500	"	50.0		81.6	35-114				
Atrazine	41.2	0.500	"	50.0		82.3	43-101				
Benzaldehyde	34.8	5.00	"	50.0		69.5	17-117				
Benzo(a)anthracene	36.0	0.0500	"	50.0		71.9	38-127				
Benzo(a)pyrene	50.1	0.0500	"	50.0		100	30-146				
Benzo(b)fluoranthene	46.7	0.0500	"	50.0		93.4	36-145				
Benzo(g,h,i)perylene	74.6	0.0500	"	50.0		149	10-163				
Benzo(k)fluoranthene	40.4	0.0500	"	50.0		80.9	16-149				
Benzoic acid	ND	5.00	"	50.0			30-130	Low Bias			
Benzyl alcohol	24.7	5.00	"	50.0		49.5	18-75				
Benzyl butyl phthalate	36.5	5.00	"	50.0		73.0	28-129				
Bis(2-chloroethoxy)methane	36.1	5.00	"	50.0		72.1	27-112				
Bis(2-chloroethyl)ether	30.1	5.00	"	50.0		60.3	24-114				
Bis(2-chloroisopropyl)ether	28.1	5.00	"	50.0		56.1	21-124				
Bis(2-ethylhexyl)phthalate	35.1	0.500	"	50.0		70.2	10-171				
Caprolactam	5.75	5.00	"	50.0		11.5	10-29				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51096 - EPA 3510C

LCS (BG51096-BS1)

Prepared & Analyzed: 07/22/2015

Carbazole	42.7	5.00	ug/L	50.0		85.5	49-116				
Chrysene	37.7	0.0500	"	50.0		75.5	33-120				
Dibenzo(a,h)anthracene	66.3	0.0500	"	50.0		133	10-149				
Dibenzofuran	40.5	5.00	"	50.0		81.0	42-105				
Diethyl phthalate	42.0	5.00	"	50.0		83.9	38-112				
Dimethyl phthalate	44.1	5.00	"	50.0		88.3	49-106				
Di-n-butyl phthalate	39.4	5.00	"	50.0		78.8	36-110				
Di-n-octyl phthalate	41.8	5.00	"	50.0		83.7	12-149				
Fluoranthene	39.0	0.0500	"	50.0		78.0	33-126				
Fluorene	40.2	0.0500	"	50.0		80.3	28-117				
Hexachlorobenzene	42.4	0.0200	"	50.0		84.8	27-120				
Hexachlorobutadiene	36.0	0.500	"	50.0		72.1	25-106				
Hexachlorocyclopentadiene	22.3	5.00	"	50.0		44.7	10-99				
Hexachloroethane	26.2	0.500	"	50.0		52.3	33-84				
Indeno(1,2,3-cd)pyrene	63.1	0.0500	"	50.0		126	10-150				
Isophorone	36.7	5.00	"	50.0		73.4	29-115				
Naphthalene	36.2	0.0500	"	50.0		72.4	30-99				
Nitrobenzene	35.9	0.250	"	50.0		71.8	32-113				
N-Nitrosodimethylamine	12.9	0.500	"	50.0		25.8	10-63				
N-nitroso-di-n-propylamine	31.6	5.00	"	50.0		63.3	36-118				
N-Nitrosodiphenylamine	60.1	5.00	"	50.0		120	27-145				
Pentachlorophenol	50.6	0.250	"	50.0		101	19-127				
Phenanthrene	42.6	0.0500	"	50.0		85.3	31-112				
Phenol	12.2	5.00	"	50.0		24.4	10-37				
Pyrene	36.2	0.0500	"	50.0		72.4	42-125				
Surrogate: 2-Fluorophenol	27.5		"	75.0		36.6	10-65				
Surrogate: Phenol-d5	16.5		"	75.2		22.0	10-49				
Surrogate: Nitrobenzene-d5	40.6		"	50.2		80.9	10-96				
Surrogate: 2-Fluorobiphenyl	41.1		"	50.1		82.0	10-93				
Surrogate: 2,4,6-Tribromophenol	55.3		"	75.2		73.6	10-128				
Surrogate: Terphenyl-d14	43.6		"	50.2		86.8	10-100				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51096 - EPA 3510C

LCS (BG51096-BS2)

Prepared & Analyzed: 07/22/2015

Acenaphthene	0.630	0.0500	ug/L	1.00		63.0	24-114				
Acenaphthylene	0.690	0.0500	"	1.00		69.0	26-112				
Anthracene	0.610	0.0500	"	1.00		61.0	35-114				
Benzo(a)anthracene	0.770	0.0500	"	1.00		77.0	38-127				
Benzo(a)pyrene	0.790	0.0500	"	1.00		79.0	30-146				
Benzo(b)fluoranthene	0.800	0.0500	"	1.00		80.0	36-145				
Benzo(g,h,i)perylene	0.750	0.0500	"	1.00		75.0	10-163				
Benzo(k)fluoranthene	0.780	0.0500	"	1.00		78.0	16-149				
Chrysene	0.700	0.0500	"	1.00		70.0	33-120				
Dibenzo(a,h)anthracene	0.820	0.0500	"	1.00		82.0	10-149				
Fluoranthene	0.770	0.0500	"	1.00		77.0	33-126				
Fluorene	0.690	0.0500	"	1.00		69.0	28-117				
Indeno(1,2,3-cd)pyrene	0.820	0.0500	"	1.00		82.0	10-150				
Naphthalene	0.580	0.0500	"	1.00		58.0	30-99				
Phenanthrene	0.660	0.0500	"	1.00		66.0	31-112				
Pyrene	0.730	0.0500	"	1.00		73.0	42-125				

LCS Dup (BG51096-BSD1)

Prepared & Analyzed: 07/22/2015

1,1'-Biphenyl	43.8	5.00	ug/L				21-102		0.796	20	
1,2,4,5-Tetrachlorobenzene	29.9	5.00	"	50.0		59.8	28-105		2.95	20	
1,2,4-Trichlorobenzene	35.4	5.00	"	50.0		70.7	35-91		0.254	20	
1,2-Dichlorobenzene	31.6	5.00	"	50.0		63.2	42-85		0.254	20	
1,2-Diphenylhydrazine (as Azobenzene)	37.6	5.00	"	50.0		75.2	16-137		0.293	20	
1,3-Dichlorobenzene	31.4	5.00	"	50.0		62.8	45-80		1.46	20	
1,4-Dichlorobenzene	27.7	5.00	"	50.0		55.4	42-82		1.02	20	
2,3,4,6-Tetrachlorophenol	44.0	5.00	"	50.0		87.9	30-130		2.28	20	
2,4,5-Trichlorophenol	41.4	5.00	"	50.0		82.8	36-112		3.31	20	
2,4,6-Trichlorophenol	42.8	5.00	"	50.0		85.6	41-107		0.656	20	
2,4-Dichlorophenol	44.6	5.00	"	50.0		89.1	43-92		0.247	20	
2,4-Dimethylphenol	38.4	5.00	"	50.0		76.9	25-92		2.16	20	
2,4-Dinitrophenol	34.5	5.00	"	50.0		69.0	10-149		2.94	20	
2,4-Dinitrotoluene	49.7	5.00	"	50.0		99.5	41-114		1.48	20	
2,6-Dinitrotoluene	45.5	5.00	"	50.0		91.1	49-106		2.33	20	
2-Chloronaphthalene	39.3	5.00	"	50.0		78.6	40-96		3.05	20	
2-Chlorophenol	30.7	5.00	"	50.0		61.3	35-84		0.327	20	
2-Methylnaphthalene	41.3	5.00	"	50.0		82.5	33-101		1.68	20	
2-Methylphenol	23.9	5.00	"	50.0		47.8	10-90		1.21	20	
2-Nitroaniline	50.2	5.00	"	50.0		100	31-122		3.24	20	
2-Nitrophenol	43.7	5.00	"	50.0		87.5	37-97		1.34	20	
3- & 4-Methylphenols	19.8	5.00	"	50.0		39.5	10-101		0.354	20	
3,3'-Dichlorobenzidine	51.9	5.00	"	50.0		104	25-155		1.53	20	
3-Nitroaniline	36.7	5.00	"	50.0		73.4	29-128		2.62	20	
4,6-Dinitro-2-methylphenol	50.4	5.00	"	50.0		101	10-135		2.41	20	
4-Bromophenyl phenyl ether	40.3	5.00	"	50.0		80.7	38-116		2.25	20	
4-Chloro-3-methylphenol	42.8	5.00	"	50.0		85.5	28-101		2.70	20	
4-Chloroaniline	46.8	5.00	"	50.0		93.6	10-154		0.0855	20	
4-Chlorophenyl phenyl ether	38.3	5.00	"	50.0		76.5	34-112		2.03	20	
4-Nitroaniline	46.0	5.00	"	50.0		92.0	15-143		0.327	20	
4-Nitrophenol	23.8	5.00	"	50.0		47.6	10-112		7.86	20	
Acenaphthene	43.8	0.0500	"	50.0		87.6	24-114		1.98	20	
Acenaphthylene	37.8	0.0500	"	50.0		75.7	26-112		0.343	20	
Acetophenone	34.9	5.00	"	50.0		69.7	47-92		0.372	20	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG51096 - EPA 3510C											
LCS Dup (BG51096-BSD1)											
Prepared & Analyzed: 07/22/2015											
Aniline	26.2	5.00	ug/L	50.0		52.5	10-107		1.54	20	
Anthracene	40.4	0.0500	"	50.0		80.9	35-114		0.813	20	
Atrazine	41.8	0.500	"	50.0		83.6	43-101		1.54	20	
Benzaldehyde	34.5	5.00	"	50.0		69.1	17-117		0.635	20	
Benzo(a)anthracene	35.7	0.0500	"	50.0		71.4	38-127		0.670	20	
Benzo(a)pyrene	49.2	0.0500	"	50.0		98.5	30-146		1.65	20	
Benzo(b)fluoranthene	50.8	0.0500	"	50.0		102	36-145		8.35	20	
Benzo(g,h,i)perylene	72.5	0.0500	"	50.0		145	10-163		2.84	20	
Benzo(k)fluoranthene	38.3	0.0500	"	50.0		76.7	16-149		5.36	20	
Benzoic acid	ND	50.0	"	50.0			30-130	Low Bias		20	
Benzyl alcohol	24.9	5.00	"	50.0		49.8	18-75		0.604	20	
Benzyl butyl phthalate	36.9	5.00	"	50.0		73.8	28-129		1.14	20	
Bis(2-chloroethoxy)methane	35.6	5.00	"	50.0		71.2	27-112		1.26	20	
Bis(2-chloroethyl)ether	30.4	5.00	"	50.0		60.8	24-114		0.925	20	
Bis(2-chloroisopropyl)ether	27.7	5.00	"	50.0		55.3	21-124		1.44	20	
Bis(2-ethylhexyl)phthalate	35.3	0.500	"	50.0		70.6	10-171		0.511	20	
Caprolactam	5.90	5.00	"	50.0		11.8	10-29		2.58	20	
Carbazole	43.2	5.00	"	50.0		86.3	49-116		1.02	20	
Chrysene	37.1	0.0500	"	50.0		74.2	33-120		1.66	20	
Dibenzo(a,h)anthracene	65.8	0.0500	"	50.0		132	10-149		0.696	20	
Dibenzofuran	40.6	5.00	"	50.0		81.1	42-105		0.173	20	
Diethyl phthalate	42.6	5.00	"	50.0		85.3	38-112		1.63	20	
Dimethyl phthalate	44.5	5.00	"	50.0		89.0	49-106		0.812	20	
Di-n-butyl phthalate	39.4	5.00	"	50.0		78.9	36-110		0.101	20	
Di-n-octyl phthalate	41.7	5.00	"	50.0		83.5	12-149		0.239	20	
Fluoranthene	39.0	0.0500	"	50.0		77.9	33-126		0.0513	20	
Fluorene	40.6	0.0500	"	50.0		81.2	28-117		1.09	20	
Hexachlorobenzene	42.2	0.0200	"	50.0		84.3	27-120		0.591	20	
Hexachlorobutadiene	36.2	0.500	"	50.0		72.5	25-106		0.554	20	
Hexachlorocyclopentadiene	26.8	5.00	"	50.0		53.5	10-99		18.0	20	
Hexachloroethane	26.8	0.500	"	50.0		53.6	33-84		2.45	20	
Indeno(1,2,3-cd)pyrene	62.4	0.0500	"	50.0		125	10-150		1.13	20	
Isophorone	36.1	5.00	"	50.0		72.3	29-115		1.56	20	
Naphthalene	35.4	0.0500	"	50.0		70.7	30-99		2.37	20	
Nitrobenzene	35.6	0.250	"	50.0		71.3	32-113		0.727	20	
N-Nitrosodimethylamine	13.0	0.500	"	50.0		26.0	10-63		0.927	20	
N-nitroso-di-n-propylamine	32.6	5.00	"	50.0		65.3	36-118		3.11	20	
N-Nitrosodiphenylamine	59.3	5.00	"	50.0		119	27-145		1.31	20	
Pentachlorophenol	51.7	0.250	"	50.0		103	19-127		2.13	20	
Phenanthrene	42.4	0.0500	"	50.0		84.8	31-112		0.588	20	
Phenol	11.6	5.00	"	50.0		23.3	10-37		4.95	20	
Pyrene	36.2	0.0500	"	50.0		72.3	42-125		0.0553	20	
Surrogate: 2-Fluorophenol	27.6		"	75.0		36.9	10-65				
Surrogate: Phenol-d5	18.2		"	75.2		24.2	10-49				
Surrogate: Nitrobenzene-d5	40.2		"	50.2		80.2	10-96				
Surrogate: 2-Fluorobiphenyl	41.5		"	50.1		82.8	10-93				
Surrogate: 2,4,6-Tribromophenol	54.9		"	75.2		73.0	10-128				
Surrogate: Terphenyl-d14	43.4		"	50.2		86.4	10-100				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51137 - EPA 3510C

Blank (BG51137-BLK1)

Prepared: 07/22/2015 Analyzed: 07/23/2015

1,1'-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3'-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	20.0	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	50.0	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	3.32	0.500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51137 - EPA 3510C

Blank (BG51137-BLK1)

Prepared: 07/22/2015 Analyzed: 07/23/2015

Caprolactam	ND	5.00	ug/L								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Surrogate: 2-Fluorophenol	17.9		"	75.0		23.9	10-65				
Surrogate: Phenol-d5	12.4		"	75.2		16.5	10-49				
Surrogate: Nitrobenzene-d5	29.4		"	50.2		58.6	10-96				
Surrogate: 2-Fluorobiphenyl	22.2		"	50.1		44.3	10-93				
Surrogate: 2,4,6-Tribromophenol	32.8		"	75.2		43.6	10-128				
Surrogate: Terphenyl-d14	22.0		"	50.2		43.8	10-100				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51137 - EPA 3510C

LCS (BG51137-BS1)

Prepared: 07/22/2015 Analyzed: 07/23/2015

1,1'-Biphenyl	26.1	5.00	ug/L				21-102				
1,2,4,5-Tetrachlorobenzene	26.4	5.00	"	50.0		52.8	28-105				
1,2,4-Trichlorobenzene	27.3	5.00	"	50.0		54.6	35-91				
1,2-Dichlorobenzene	29.0	5.00	"	50.0		57.9	42-85				
1,2-Diphenylhydrazine (as Azobenzene)	30.5	5.00	"	50.0		61.0	16-137				
1,3-Dichlorobenzene	28.0	5.00	"	50.0		55.9	45-80				
1,4-Dichlorobenzene	30.1	5.00	"	50.0		60.1	42-82				
2,3,4,6-Tetrachlorophenol	58.8	5.00	"	50.0		118	30-130				
2,4,5-Trichlorophenol	27.7	5.00	"	50.0		55.3	36-112				
2,4,6-Trichlorophenol	29.4	5.00	"	50.0		58.8	41-107				
2,4-Dichlorophenol	30.8	5.00	"	50.0		61.5	43-92				
2,4-Dimethylphenol	24.3	5.00	"	50.0		48.5	25-92				
2,4-Dinitrophenol	52.6	5.00	"	50.0		105	10-149				
2,4-Dinitrotoluene	36.8	5.00	"	50.0		73.5	41-114				
2,6-Dinitrotoluene	37.7	5.00	"	50.0		75.3	49-106				
2-Chloronaphthalene	27.8	5.00	"	50.0		55.7	40-96				
2-Chlorophenol	27.7	5.00	"	50.0		55.4	35-84				
2-Methylnaphthalene	27.7	5.00	"	50.0		55.3	33-101				
2-Methylphenol	22.4	5.00	"	50.0		44.8	10-90				
2-Nitroaniline	34.3	5.00	"	50.0		68.6	31-122				
2-Nitrophenol	29.6	5.00	"	50.0		59.1	37-97				
3- & 4-Methylphenols	18.9	5.00	"	50.0		37.8	10-101				
3,3'-Dichlorobenzidine	52.4	5.00	"	50.0		105	25-155				
3-Nitroaniline	39.0	5.00	"	50.0		78.0	29-128				
4,6-Dinitro-2-methylphenol	40.9	5.00	"	50.0		81.9	10-135				
4-Bromophenyl phenyl ether	28.8	5.00	"	50.0		57.6	38-116				
4-Chloro-3-methylphenol	27.1	5.00	"	50.0		54.2	28-101				
4-Chloroaniline	57.2	5.00	"	50.0		114	10-154				
4-Chlorophenyl phenyl ether	26.5	5.00	"	50.0		53.0	34-112				
4-Nitroaniline	34.5	5.00	"	50.0		69.1	15-143				
4-Nitrophenol	12.8	5.00	"	50.0		25.7	10-112				
Acenaphthene	27.9	0.0500	"	50.0		55.8	24-114				
Acenaphthylene	27.3	0.0500	"	50.0		54.6	26-112				
Acetophenone	37.2	5.00	"	50.0		74.4	47-92				
Aniline	30.3	5.00	"	50.0		60.6	10-107				
Anthracene	27.8	0.0500	"	50.0		55.7	35-114				
Atrazine	30.2	0.500	"	50.0		60.5	43-101				
Benzaldehyde	33.0	5.00	"	50.0		66.1	17-117				
Benzo(a)anthracene	27.4	0.0500	"	50.0		54.7	38-127				
Benzo(a)pyrene	40.2	0.0500	"	50.0		80.5	30-146				
Benzo(b)fluoranthene	39.0	0.0500	"	50.0		77.9	36-145				
Benzo(g,h,i)perylene	73.1	0.0500	"	50.0		146	10-163				
Benzo(k)fluoranthene	30.6	0.0500	"	50.0		61.1	16-149				
Benzoic acid	ND	5.00	"	50.0			30-130	Low Bias			
Benzyl alcohol	22.2	5.00	"	50.0		44.3	18-75				
Benzyl butyl phthalate	32.3	5.00	"	50.0		64.6	28-129				
Bis(2-chloroethoxy)methane	37.6	5.00	"	50.0		75.1	27-112				
Bis(2-chloroethyl)ether	33.8	5.00	"	50.0		67.6	24-114				
Bis(2-chloroisopropyl)ether	37.9	5.00	"	50.0		75.7	21-124				
Bis(2-ethylhexyl)phthalate	34.0	0.500	"	50.0		68.1	10-171				
Caprolactam	6.32	5.00	"	50.0		12.6	10-29				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51137 - EPA 3510C

LCS (BG51137-BS1)

Prepared: 07/22/2015 Analyzed: 07/23/2015

Carbazole	31.8	5.00	ug/L	50.0		63.7	49-116				
Chrysene	28.9	0.0500	"	50.0		57.8	33-120				
Dibenzo(a,h)anthracene	63.4	0.0500	"	50.0		127	10-149				
Dibenzofuran	29.4	5.00	"	50.0		58.8	42-105				
Diethyl phthalate	28.4	5.00	"	50.0		56.8	38-112				
Dimethyl phthalate	32.6	5.00	"	50.0		65.1	49-106				
Di-n-butyl phthalate	27.0	5.00	"	50.0		53.9	36-110				
Di-n-octyl phthalate	32.3	5.00	"	50.0		64.7	12-149				
Fluoranthene	31.0	0.0500	"	50.0		62.0	33-126				
Fluorene	27.4	0.0500	"	50.0		54.8	28-117				
Hexachlorobenzene	30.2	0.0200	"	50.0		60.4	27-120				
Hexachlorobutadiene	26.4	0.500	"	50.0		52.7	25-106				
Hexachlorocyclopentadiene	6.90	5.00	"	50.0		13.8	10-99				
Hexachloroethane	30.5	0.500	"	50.0		61.0	33-84				
Indeno(1,2,3-cd)pyrene	60.9	0.0500	"	50.0		122	10-150				
Isophorone	31.9	5.00	"	50.0		63.7	29-115				
Naphthalene	27.6	0.0500	"	50.0		55.1	30-99				
Nitrobenzene	29.9	0.250	"	50.0		59.7	32-113				
N-Nitrosodimethylamine	13.3	0.500	"	50.0		26.6	10-63				
N-nitroso-di-n-propylamine	32.1	5.00	"	50.0		64.2	36-118				
N-Nitrosodiphenylamine	31.5	5.00	"	50.0		62.9	27-145				
Pentachlorophenol	28.0	0.250	"	50.0		56.1	19-127				
Phenanthrene	30.5	0.0500	"	50.0		61.0	31-112				
Phenol	13.4	5.00	"	50.0		26.8	10-37				
Pyrene	30.4	0.0500	"	50.0		60.7	42-125				
<i>Surrogate: 2-Fluorophenol</i>	<i>21.1</i>		<i>"</i>	<i>75.0</i>		<i>28.2</i>	<i>10-65</i>				
<i>Surrogate: Phenol-d5</i>	<i>14.4</i>		<i>"</i>	<i>75.2</i>		<i>19.1</i>	<i>10-49</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>29.5</i>		<i>"</i>	<i>50.2</i>		<i>58.7</i>	<i>10-96</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>21.7</i>		<i>"</i>	<i>50.1</i>		<i>43.4</i>	<i>10-93</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>36.4</i>		<i>"</i>	<i>75.2</i>		<i>48.5</i>	<i>10-128</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>26.2</i>		<i>"</i>	<i>50.2</i>		<i>52.1</i>	<i>10-100</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG51137 - EPA 3510C											
LCS Dup (BG51137-BSD1)											
										Prepared: 07/22/2015 Analyzed: 07/23/2015	
1,1'-Biphenyl	25.2	5.00	ug/L				21-102		3.78	20	
1,2,4,5-Tetrachlorobenzene	26.0	5.00	"	50.0		52.1	28-105		1.41	20	
1,2,4-Trichlorobenzene	26.5	5.00	"	50.0		53.0	35-91		2.97	20	
1,2-Dichlorobenzene	27.1	5.00	"	50.0		54.1	42-85		6.78	20	
1,2-Diphenylhydrazine (as Azobenzene)	29.0	5.00	"	50.0		58.0	16-137		5.04	20	
1,3-Dichlorobenzene	26.6	5.00	"	50.0		53.1	45-80		5.21	20	
1,4-Dichlorobenzene	27.2	5.00	"	50.0		54.5	42-82		9.84	20	
2,3,4,6-Tetrachlorophenol	55.8	5.00	"	50.0		112	30-130		5.20	20	
2,4,5-Trichlorophenol	26.4	5.00	"	50.0		52.9	36-112		4.51	20	
2,4,6-Trichlorophenol	27.8	5.00	"	50.0		55.5	41-107		5.77	20	
2,4-Dichlorophenol	28.8	5.00	"	50.0		57.6	43-92		6.65	20	
2,4-Dimethylphenol	24.7	5.00	"	50.0		49.4	25-92		1.72	20	
2,4-Dinitrophenol	50.2	5.00	"	50.0		100	10-149		4.67	20	
2,4-Dinitrotoluene	35.2	5.00	"	50.0		70.4	41-114		4.34	20	
2,6-Dinitrotoluene	36.2	5.00	"	50.0		72.3	49-106		4.09	20	
2-Chloronaphthalene	26.3	5.00	"	50.0		52.5	40-96		5.84	20	
2-Chlorophenol	25.2	5.00	"	50.0		50.5	35-84		9.26	20	
2-Methylnaphthalene	28.9	5.00	"	50.0		57.8	33-101		4.28	20	
2-Methylphenol	20.2	5.00	"	50.0		40.4	10-90		10.3	20	
2-Nitroaniline	33.1	5.00	"	50.0		66.2	31-122		3.44	20	
2-Nitrophenol	30.8	5.00	"	50.0		61.7	37-97		4.27	20	
3- & 4-Methylphenols	16.9	5.00	"	50.0		33.8	10-101		11.1	20	
3,3'-Dichlorobenzidine	51.1	5.00	"	50.0		102	25-155		2.65	20	
3-Nitroaniline	37.5	5.00	"	50.0		75.0	29-128		3.95	20	
4,6-Dinitro-2-methylphenol	40.0	5.00	"	50.0		80.0	10-135		2.37	20	
4-Bromophenyl phenyl ether	28.1	5.00	"	50.0		56.2	38-116		2.46	20	
4-Chloro-3-methylphenol	30.0	5.00	"	50.0		59.9	28-101		10.1	20	
4-Chloroaniline	58.4	5.00	"	50.0		117	10-154		2.20	20	
4-Chlorophenyl phenyl ether	25.8	5.00	"	50.0		51.5	34-112		2.79	20	
4-Nitroaniline	32.8	5.00	"	50.0		65.5	15-143		5.32	20	
4-Nitrophenol	11.7	5.00	"	50.0		23.4	10-112		9.13	20	
Acenaphthene	26.8	0.0500	"	50.0		53.6	24-114		3.91	20	
Acenaphthylene	25.9	0.0500	"	50.0		51.7	26-112		5.42	20	
Acetophenone	34.4	5.00	"	50.0		68.9	47-92		7.62	20	
Aniline	27.5	5.00	"	50.0		55.0	10-107		9.65	20	
Anthracene	26.8	0.0500	"	50.0		53.7	35-114		3.62	20	
Atrazine	28.8	0.500	"	50.0		57.6	43-101		4.95	20	
Benzaldehyde	30.4	5.00	"	50.0		60.8	17-117		8.23	20	
Benzo(a)anthracene	26.4	0.0500	"	50.0		52.7	38-127		3.72	20	
Benzo(a)pyrene	39.3	0.0500	"	50.0		78.6	30-146		2.36	20	
Benzo(b)fluoranthene	35.8	0.0500	"	50.0		71.6	36-145		8.43	20	
Benzo(g,h,i)perylene	68.9	0.0500	"	50.0		138	10-163		6.03	20	
Benzo(k)fluoranthene	30.7	0.0500	"	50.0		61.4	16-149		0.522	20	
Benzoic acid	ND	5.00	"	50.0			30-130	Low Bias		20	
Benzyl alcohol	19.6	5.00	"	50.0		39.2	18-75		12.2	20	
Benzyl butyl phthalate	30.7	5.00	"	50.0		61.5	28-129		4.92	20	
Bis(2-chloroethoxy)methane	35.1	5.00	"	50.0		70.3	27-112		6.66	20	
Bis(2-chloroethyl)ether	31.2	5.00	"	50.0		62.3	24-114		8.13	20	
Bis(2-chloroisopropyl)ether	34.2	5.00	"	50.0		68.5	21-124		10.1	20	
Bis(2-ethylhexyl)phthalate	32.1	0.500	"	50.0		64.1	10-171		5.93	20	
Caprolactam	6.17	5.00	"	50.0		12.3	10-29		2.40	20	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51137 - EPA 3510C

LCS Dup (BG51137-BSD1)

Prepared: 07/22/2015 Analyzed: 07/23/2015

Carbazole	30.1	5.00	ug/L	50.0		60.2	49-116		5.52	20	
Chrysene	28.1	0.0500	"	50.0		56.3	33-120		2.70	20	
Dibenzo(a,h)anthracene	61.3	0.0500	"	50.0		123	10-149		3.29	20	
Dibenzofuran	27.8	5.00	"	50.0		55.7	42-105		5.48	20	
Diethyl phthalate	27.4	5.00	"	50.0		54.8	38-112		3.55	20	
Dimethyl phthalate	30.4	5.00	"	50.0		60.8	49-106		6.89	20	
Di-n-butyl phthalate	26.2	5.00	"	50.0		52.5	36-110		2.74	20	
Di-n-octyl phthalate	31.1	5.00	"	50.0		62.3	12-149		3.75	20	
Fluoranthene	28.7	0.0500	"	50.0		57.5	33-126		7.53	20	
Fluorene	26.3	0.0500	"	50.0		52.7	28-117		3.98	20	
Hexachlorobenzene	30.1	0.0200	"	50.0		60.2	27-120		0.332	20	
Hexachlorobutadiene	25.4	0.500	"	50.0		50.8	25-106		3.79	20	
Hexachlorocyclopentadiene	6.66	5.00	"	50.0		13.3	10-99		3.54	20	
Hexachloroethane	27.8	0.500	"	50.0		55.7	33-84		9.19	20	
Indeno(1,2,3-cd)pyrene	59.4	0.0500	"	50.0		119	10-150		2.59	20	
Isophorone	33.0	5.00	"	50.0		65.9	29-115		3.42	20	
Naphthalene	26.0	0.0500	"	50.0		52.0	30-99		5.87	20	
Nitrobenzene	30.2	0.250	"	50.0		60.5	32-113		1.23	20	
N-Nitrosodimethylamine	11.5	0.500	"	50.0		23.1	10-63		14.2	20	
N-nitroso-di-n-propylamine	29.4	5.00	"	50.0		58.9	36-118		8.71	20	
N-Nitrosodiphenylamine	30.3	5.00	"	50.0		60.6	27-145		3.85	20	
Pentachlorophenol	27.6	0.250	"	50.0		55.3	19-127		1.44	20	
Phenanthrene	29.8	0.0500	"	50.0		59.5	31-112		2.46	20	
Phenol	11.8	5.00	"	50.0		23.6	10-37		12.7	20	
Pyrene	30.3	0.0500	"	50.0		60.6	42-125		0.297	20	
Surrogate: 2-Fluorophenol	18.7		"	75.0		24.9	10-65				
Surrogate: Phenol-d5	12.6		"	75.2		16.7	10-49				
Surrogate: Nitrobenzene-d5	30.1		"	50.2		60.0	10-96				
Surrogate: 2-Fluorobiphenyl	21.2		"	50.1		42.4	10-93				
Surrogate: 2,4,6-Tribromophenol	34.8		"	75.2		46.3	10-128				
Surrogate: Terphenyl-d14	25.8		"	50.2		51.5	10-100				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51009 - EPA SW846-3510C Low Level

Blank (BG51009-BLK1)

Prepared: 07/20/2015 Analyzed: 07/21/2015

4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								

Surrogate: Tetrachloro-m-xylene

0.0458

"

0.203

22.5

30-120

Surrogate: Decachlorobiphenyl

0.127

"

0.201

63.1

30-120

LCS (BG51009-BS1)

Prepared: 07/20/2015 Analyzed: 07/21/2015

4,4'-DDD	0.0792	0.00400	ug/L	0.100		79.2	40-120
4,4'-DDE	0.0746	0.00400	"	0.100		74.6	40-120
4,4'-DDT	0.0707	0.00400	"	0.100		70.7	40-120
Aldrin	0.0646	0.00400	"	0.100		64.6	40-120
alpha-BHC	0.0783	0.00400	"	0.100		78.3	40-120
alpha-Chlordane	0.0734	0.00400	"	0.100		73.4	40-120
beta-BHC	0.0833	0.00400	"	0.100		83.3	40-120
delta-BHC	0.0747	0.00400	"	0.100		74.7	40-120
Dieldrin	0.0780	0.00200	"	0.100		78.0	40-120
Endosulfan I	0.0810	0.00400	"	0.100		81.0	40-120
Endosulfan II	0.0821	0.00400	"	0.100		82.1	40-120
Endosulfan sulfate	0.0801	0.00400	"	0.100		80.1	40-120
Endrin	0.0822	0.00400	"	0.100		82.2	40-120
Endrin aldehyde	0.0787	0.0100	"	0.100		78.7	40-120
Endrin ketone	0.0910	0.0100	"	0.100		91.0	40-120
gamma-BHC (Lindane)	0.0762	0.00400	"	0.100		76.2	40-120
gamma-Chlordane	0.0700	0.0100	"	0.100		70.0	40-120
Heptachlor	0.0482	0.00400	"	0.100		48.2	40-120
Heptachlor epoxide	0.0719	0.00400	"	0.100		71.9	40-120
Methoxychlor	0.0718	0.00400	"	0.100		71.8	40-120

Surrogate: Tetrachloro-m-xylene

0.110

"

0.203

54.2

30-120

Surrogate: Decachlorobiphenyl

0.114

"

0.201

56.6

30-120



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51009 - EPA SW846-3510C Low Level

LCS Dup (BG51009-BSD1)

Prepared: 07/20/2015 Analyzed: 07/21/2015

4,4'-DDD	0.0826	0.00400	ug/L	0.100		82.6	40-120		4.20	30	
4,4'-DDE	0.0775	0.00400	"	0.100		77.5	40-120	"	3.84	30	
4,4'-DDT	0.0741	0.00400	"	0.100		74.1	40-120	"	4.64	30	
Aldrin	0.0660	0.00400	"	0.100		66.0	40-120	"	2.13	30	
alpha-BHC	0.0797	0.00400	"	0.100		79.7	40-120	"	1.71	30	
alpha-Chlordane	0.0750	0.00400	"	0.100		75.0	40-120	"	2.23	30	
beta-BHC	0.0856	0.00400	"	0.100		85.6	40-120	"	2.77	30	
delta-BHC	0.0768	0.00400	"	0.100		76.8	40-120	"	2.70	30	
Dieldrin	0.0804	0.00200	"	0.100		80.4	40-120	"	3.02	30	
Endosulfan I	0.0831	0.00400	"	0.100		83.1	40-120	"	2.49	30	
Endosulfan II	0.0848	0.00400	"	0.100		84.8	40-120	"	3.21	30	
Endosulfan sulfate	0.0833	0.00400	"	0.100		83.3	40-120	"	3.85	30	
Endrin	0.0847	0.00400	"	0.100		84.7	40-120	"	3.06	30	
Endrin aldehyde	0.0816	0.0100	"	0.100		81.6	40-120	"	3.62	30	
Endrin ketone	0.0946	0.0100	"	0.100		94.6	40-120	"	3.79	30	
gamma-BHC (Lindane)	0.0776	0.00400	"	0.100		77.6	40-120	"	1.83	30	
gamma-Chlordane	0.0716	0.0100	"	0.100		71.6	40-120	"	2.29	30	
Heptachlor	0.0554	0.00400	"	0.100		55.4	40-120	"	13.8	30	
Heptachlor epoxide	0.0737	0.00400	"	0.100		73.7	40-120	"	2.39	30	
Methoxychlor	0.0760	0.00400	"	0.100		76.0	40-120	"	5.63	30	
Surrogate: Tetrachloro-m-xylene	0.111		"	0.203		54.9	30-120				
Surrogate: Decachlorobiphenyl	0.119		"	0.201		59.1	30-120				

Batch BG51032 - EPA SW846-3510C Low Level

Blank (BG51032-BLK1)

Prepared: 07/21/2015 Analyzed: 07/22/2015

4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Tetrachloro-m-xylene	0.0452		"	0.203		22.3	30-120				
Surrogate: Decachlorobiphenyl	0.118		"	0.201		58.5	30-120				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51032 - EPA SW846-3510C Low Level

LCS (BG51032-BS1)

Prepared: 07/21/2015 Analyzed: 07/22/2015

4,4'-DDD	0.0861	0.00400	ug/L	0.100		86.1	40-120				
4,4'-DDE	0.0759	0.00400	"	0.100		75.9	40-120				
4,4'-DDT	0.0803	0.00400	"	0.100		80.3	40-120				
Aldrin	0.0435	0.00400	"	0.100		43.5	40-120				
alpha-BHC	0.0505	0.00400	"	0.100		50.5	40-120				
alpha-Chlordane	0.0699	0.00400	"	0.100		69.9	40-120				
beta-BHC	0.0760	0.00400	"	0.100		76.0	40-120				
delta-BHC	0.0667	0.00400	"	0.100		66.7	40-120				
Dieldrin	0.0753	0.00200	"	0.100		75.3	40-120				
Endosulfan I	0.0776	0.00400	"	0.100		77.6	40-120				
Endosulfan II	0.0851	0.00400	"	0.100		85.1	40-120				
Endosulfan sulfate	0.0842	0.00400	"	0.100		84.2	40-120				
Endrin	0.0820	0.00400	"	0.100		82.0	40-120				
Endrin aldehyde	0.0775	0.0100	"	0.100		77.5	40-120				
Endrin ketone	0.0918	0.0100	"	0.100		91.8	40-120				
gamma-BHC (Lindane)	0.0539	0.00400	"	0.100		53.9	40-120				
gamma-Chlordane	0.0670	0.0100	"	0.100		67.0	40-120				
Heptachlor	0.0411	0.00400	"	0.100		41.1	40-120				
Heptachlor epoxide	0.0659	0.00400	"	0.100		65.9	40-120				
Methoxychlor	0.0764	0.00400	"	0.100		76.4	40-120				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0749</i>		<i>"</i>	<i>0.203</i>		<i>36.9</i>	<i>30-120</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.135</i>		<i>"</i>	<i>0.201</i>		<i>67.2</i>	<i>30-120</i>				

LCS Dup (BG51032-BS1)

Prepared: 07/21/2015 Analyzed: 07/22/2015

4,4'-DDD	0.0893	0.00400	ug/L	0.100		89.3	40-120	3.71	30		
4,4'-DDE	0.0798	0.00400	"	0.100		79.8	40-120	4.95	30		
4,4'-DDT	0.0841	0.00400	"	0.100		84.1	40-120	4.67	30		
Aldrin	0.0453	0.00400	"	0.100		45.3	40-120	4.08	30		
alpha-BHC	0.0521	0.00400	"	0.100		52.1	40-120	3.11	30		
alpha-Chlordane	0.0731	0.00400	"	0.100		73.1	40-120	4.55	30		
beta-BHC	0.0789	0.00400	"	0.100		78.9	40-120	3.77	30		
delta-BHC	0.0693	0.00400	"	0.100		69.3	40-120	3.91	30		
Dieldrin	0.0786	0.00200	"	0.100		78.6	40-120	4.27	30		
Endosulfan I	0.0810	0.00400	"	0.100		81.0	40-120	4.30	30		
Endosulfan II	0.0885	0.00400	"	0.100		88.5	40-120	3.92	30		
Endosulfan sulfate	0.0875	0.00400	"	0.100		87.5	40-120	3.86	30		
Endrin	0.0867	0.00400	"	0.100		86.7	40-120	5.63	30		
Endrin aldehyde	0.0802	0.0100	"	0.100		80.2	40-120	3.41	30		
Endrin ketone	0.0950	0.0100	"	0.100		95.0	40-120	3.45	30		
gamma-BHC (Lindane)	0.0558	0.00400	"	0.100		55.8	40-120	3.45	30		
gamma-Chlordane	0.0700	0.0100	"	0.100		70.0	40-120	4.33	30		
Heptachlor	0.0429	0.00400	"	0.100		42.9	40-120	4.46	30		
Heptachlor epoxide	0.0686	0.00400	"	0.100		68.6	40-120	4.05	30		
Methoxychlor	0.0792	0.00400	"	0.100		79.2	40-120	3.62	30		
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0773</i>		<i>"</i>	<i>0.203</i>		<i>38.1</i>	<i>30-120</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.136</i>		<i>"</i>	<i>0.201</i>		<i>67.8</i>	<i>30-120</i>				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51136 - EPA SW846-3510C Low Level

Blank (BG51136-BLK1)

Prepared: 07/22/2015 Analyzed: 07/23/2015

4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								

Surrogate: Tetrachloro-m-xylene

0.0744

"

0.203

36.7

30-120

Surrogate: Decachlorobiphenyl

0.107

"

0.201

53.3

30-120

LCS (BG51136-BS1)

Prepared: 07/22/2015 Analyzed: 07/23/2015

4,4'-DDD	0.0816	0.00400	ug/L	0.100		81.6	40-120
4,4'-DDE	0.0642	0.00400	"	0.100		64.2	40-120
4,4'-DDT	0.0769	0.00400	"	0.100		76.9	40-120
Aldrin	0.0405	0.00400	"	0.100		40.5	40-120
alpha-BHC	0.0412	0.00400	"	0.100		41.2	40-120
alpha-Chlordane	0.0612	0.00400	"	0.100		61.2	40-120
beta-BHC	0.0756	0.00400	"	0.100		75.6	40-120
delta-BHC	0.0543	0.00400	"	0.100		54.3	40-120
Dieldrin	0.0673	0.00200	"	0.100		67.3	40-120
Endosulfan I	0.0676	0.00400	"	0.100		67.6	40-120
Endosulfan II	0.0792	0.00400	"	0.100		79.2	40-120
Endosulfan sulfate	0.0770	0.00400	"	0.100		77.0	40-120
Endrin	0.0741	0.00400	"	0.100		74.1	40-120
Endrin aldehyde	0.0711	0.0100	"	0.100		71.1	40-120
Endrin ketone	0.0923	0.0100	"	0.100		92.3	40-120
gamma-BHC (Lindane)	0.0459	0.00400	"	0.100		45.9	40-120
gamma-Chlordane	0.0578	0.0100	"	0.100		57.8	40-120
Heptachlor	0.0416	0.00400	"	0.100		41.6	40-120
Heptachlor epoxide	0.0571	0.00400	"	0.100		57.1	40-120
Methoxychlor	0.0716	0.00400	"	0.100		71.6	40-120

Surrogate: Tetrachloro-m-xylene

0.0591

"

0.203

29.1

30-120

Surrogate: Decachlorobiphenyl

0.101

"

0.201

50.2

30-120



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51136 - EPA SW846-3510C Low Level

LCS Dup (BG51136-BSD1)

Prepared: 07/22/2015 Analyzed: 07/23/2015

4,4'-DDD	0.0858	0.00400	ug/L	0.100		85.8	40-120			5.12	30		
4,4'-DDE	0.0681	0.00400	"	0.100		68.1	40-120			5.87	30		
4,4'-DDT	0.0820	0.00400	"	0.100		82.0	40-120			6.49	30		
Aldrin	0.0431	0.00400	"	0.100		43.1	40-120			6.19	30		
alpha-BHC	0.0420	0.00400	"	0.100		42.0	40-120			1.90	30		
alpha-Chlordane	0.0629	0.00400	"	0.100		62.9	40-120			2.75	30		
beta-BHC	0.0772	0.00400	"	0.100		77.2	40-120			2.04	30		
delta-BHC	0.0562	0.00400	"	0.100		56.2	40-120			3.38	30		
Dieldrin	0.0694	0.00200	"	0.100		69.4	40-120			3.14	30		
Endosulfan I	0.0694	0.00400	"	0.100		69.4	40-120			2.57	30		
Endosulfan II	0.0824	0.00400	"	0.100		82.4	40-120			3.95	30		
Endosulfan sulfate	0.0814	0.00400	"	0.100		81.4	40-120			5.44	30		
Endrin	0.0773	0.00400	"	0.100		77.3	40-120			4.30	30		
Endrin aldehyde	0.0750	0.0100	"	0.100		75.0	40-120			5.42	30		
Endrin ketone	0.0975	0.0100	"	0.100		97.5	40-120			5.43	30		
gamma-BHC (Lindane)	0.0470	0.00400	"	0.100		47.0	40-120			2.43	30		
gamma-Chlordane	0.0593	0.0100	"	0.100		59.3	40-120			2.56	30		
Heptachlor	0.0419	0.00400	"	0.100		41.9	40-120			0.637	30		
Heptachlor epoxide	0.0585	0.00400	"	0.100		58.5	40-120			2.33	30		
Methoxychlor	0.0766	0.00400	"	0.100		76.6	40-120			6.70	30		
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0606</i>		<i>"</i>	<i>0.203</i>		<i>29.9</i>	<i>30-120</i>						
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.108</i>		<i>"</i>	<i>0.201</i>		<i>53.8</i>	<i>30-120</i>						



Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50853 - EPA 3535A											
Blank (BG50853-BLK1)											
Prepared: 07/16/2015 Analyzed: 07/17/2015											
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Dicamba	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	169		"	125		135	30-150				
LCS (BG50853-BS1)											
Prepared: 07/16/2015 Analyzed: 07/17/2015											
2,4,5-T	24.0	5.00	ug/L	40.0		60.0	40-140				
2,4,5-TP (Silvex)	28.8	5.00	"	40.0		71.9	40-140				
2,4-D	24.8	5.00	"	40.0		61.9	40-140				
Dicamba	28.8	5.00	"	40.0		71.9	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	127		"	125		101	30-150				
LCS Dup (BG50853-BSD1)											
Prepared: 07/16/2015 Analyzed: 07/17/2015											
2,4,5-T	23.5	5.00	ug/L	40.0		58.8	40-140		2.11	30	
2,4,5-TP (Silvex)	28.5	5.00	"	40.0		71.2	40-140		0.873	30	
2,4-D	24.8	5.00	"	40.0		61.9	40-140		0.00	30	
Dicamba	28.8	5.00	"	40.0		71.9	40-140		0.00	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	122		"	125		98.0	30-150				
Batch BG50947 - EPA 3535A											
Blank (BG50947-BLK1)											
Prepared & Analyzed: 07/20/2015											
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Dicamba	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	126		"	125		101	30-150				



Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG50947 - EPA 3535A

LCS (BG50947-BS1)

Prepared & Analyzed: 07/20/2015

2,4,5-T	29.5	5.00	ug/L	40.0		73.8	40-140				
2,4,5-TP (Silvex)	29.0	5.00	"	40.0		72.5	40-140				
2,4-D	25.0	5.00	"	40.0		62.5	40-140				
Dicamba	31.8	5.00	"	40.0		79.4	40-140				
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	<i>120</i>		<i>"</i>	<i>125</i>		<i>95.8</i>	<i>30-150</i>				

LCS Dup (BG50947-BSD1)

Prepared & Analyzed: 07/20/2015

2,4,5-T	32.2	5.00	ug/L	40.0		80.6	40-140		8.91	30	
2,4,5-TP (Silvex)	32.0	5.00	"	40.0		80.0	40-140		9.84	30	
2,4-D	28.0	5.00	"	40.0		70.0	40-140		11.3	30	
Dicamba	35.2	5.00	"	40.0		88.1	40-140		10.4	30	
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	<i>130</i>		<i>"</i>	<i>125</i>		<i>104</i>	<i>30-150</i>				

Batch BG51024 - EPA 3535A

Blank (BG51024-BLK1)

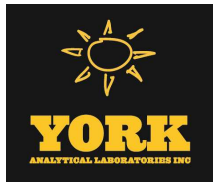
Prepared & Analyzed: 07/21/2015

2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Dicamba	ND	5.00	"								
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	<i>138</i>		<i>"</i>	<i>125</i>		<i>110</i>	<i>30-150</i>				

LCS (BG51024-BS1)

Prepared & Analyzed: 07/21/2015

2,4,5-T	29.8	5.00	ug/L	40.0		74.4	40-140				
2,4,5-TP (Silvex)	29.2	5.00	"	40.0		73.1	40-140				
2,4-D	27.5	5.00	"	40.0		68.8	40-140				
Dicamba	35.2	5.00	"	40.0		88.1	40-140				
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	<i>130</i>		<i>"</i>	<i>125</i>		<i>104</i>	<i>30-150</i>				



Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51024 - EPA 3535A

LCS Dup (BG51024-BSD1)

Prepared & Analyzed: 07/21/2015

2,4,5-T	27.0	5.00	ug/L	40.0		67.5	40-140		9.69	30	
2,4,5-TP (Silvex)	29.0	5.00	"	40.0		72.5	40-140		0.858	30	
2,4-D	26.5	5.00	"	40.0		66.2	40-140		3.70	30	
Dicamba	36.5	5.00	"	40.0		91.2	40-140		3.48	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	132		"	125		106	30-150				



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG51105 - Analysis Preparation											
Blank (BG51105-BLK1) Prepared & Analyzed: 07/22/2015											
Phosphorous, Total as P	ND	0.0500	mg/L								
LCS (BG51105-BS1) Prepared & Analyzed: 07/22/2015											
Phosphorous, Total as P	0.466	0.0500	mg/L	0.500		93.2	80-120				
Batch BG51174 - Analysis Preparation											
Blank (BG51174-BLK1) Prepared & Analyzed: 07/23/2015											
Phosphorous, Total as P	ND	0.0500	mg/L								
LCS (BG51174-BS1) Prepared & Analyzed: 07/23/2015											
Phosphorous, Total as P	0.547	0.0500	mg/L	0.500		109	80-120				
Duplicate (BG51174-DUP1) *Source sample: 15G0557-19 (GC-1C) Prepared & Analyzed: 07/23/2015											
Phosphorous, Total as P	0.160	0.0500	mg/L		0.153				4.47	20	
Matrix Spike (BG51174-MS1) *Source sample: 15G0557-19 (GC-1C) Prepared & Analyzed: 07/23/2015											
Phosphorous, Total as P	1.08	0.0500	mg/L	1.00	0.153	92.7	75-125				
Batch BG51253 - Analysis Preparation											
Blank (BG51253-BLK1) Prepared & Analyzed: 07/24/2015											
Phosphorous, Total as P	ND	0.0500	mg/L								
LCS (BG51253-BS1) Prepared & Analyzed: 07/24/2015											
Phosphorous, Total as P	0.509	0.0500	mg/L	0.500		102	80-120				



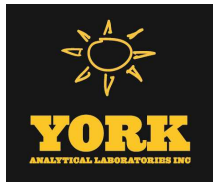
Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG51253 - Analysis Preparation											
Duplicate (BG51253-DUP1)	*Source sample: 15G0557-35 (GC-9D)						Prepared & Analyzed: 07/24/2015				
Phosphorous, Total as P	0.108	0.0500	mg/L		0.108				0.00	20	
Matrix Spike (BG51253-MS1)	*Source sample: 15G0557-35 (GC-9D)						Prepared & Analyzed: 07/24/2015				
Phosphorous, Total as P	0.922	0.0500	mg/L	1.00	0.108	81.4	75-125				
Batch BG51255 - Analysis Preparation											
Blank (BG51255-BLK1)							Prepared & Analyzed: 07/24/2015				
Phosphorous, Dissolved as P - Dissolved	ND	0.0500	mg/L								
LCS (BG51255-BS1)							Prepared & Analyzed: 07/24/2015				
Phosphorous, Dissolved as P - Dissolved	0.492	0.0500	mg/L	0.500		98.4	80-120				
Duplicate (BG51255-DUP1)	*Source sample: 15G0557-05 (GC-6A)						Prepared & Analyzed: 07/24/2015				
Phosphorous, Dissolved as P - Dissolved	ND	0.0500	mg/L		ND					20	
Matrix Spike (BG51255-MS1)	*Source sample: 15G0557-05 (GC-6A)						Prepared & Analyzed: 07/24/2015				
Phosphorous, Dissolved as P - Dissolved	0.879	0.0500	mg/L	1.00	ND	87.9	75-125				
Batch BG51291 - Analysis Preparation											
Blank (BG51291-BLK1)							Prepared: 07/24/2015 Analyzed: 07/27/2015				
Phosphorous, Dissolved as P - Dissolved	ND	0.0500	mg/L								
LCS (BG51291-BS1)							Prepared: 07/24/2015 Analyzed: 07/27/2015				
Phosphorous, Dissolved as P - Dissolved	0.500	0.0500	mg/L	0.500		100	80-120				



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG51291 - Analysis Preparation											
Duplicate (BG51291-DUP1)	*Source sample: 15G0557-21 (GC-4C)						Prepared: 07/24/2015 Analyzed: 07/27/2015				
Phosphorous, Dissolved as P - Dissolved	0.0910	0.0500	mg/L		0.0950				4.30	20	
Matrix Spike (BG51291-MS1)	*Source sample: 15G0557-21 (GC-4C)						Prepared: 07/24/2015 Analyzed: 07/27/2015				
Phosphorous, Dissolved as P - Dissolved	0.901	0.0500	mg/L	1.00	0.0950	80.6	75-125				
Batch BG51357 - Analysis Preparation											
Duplicate (BG51357-DUP1)	*Source sample: 15G0557-01 (GC-1A)						Prepared & Analyzed: 07/27/2015				
Total Inorganic Nitrogen, Dissolved - Dissolved	ND	1.00	mg/L		ND					200	
Batch BG51391 - Analysis Preparation											
Blank (BG51391-BLK1)							Prepared & Analyzed: 07/28/2015				
Phosphorous, Dissolved as P - Dissolved	ND	0.0500	mg/L								
LCS (BG51391-BS1)							Prepared & Analyzed: 07/28/2015				
Phosphorous, Dissolved as P - Dissolved	0.481	0.0500	mg/L	0.500		96.2	80-120				
Duplicate (BG51391-DUP1)	*Source sample: 15G0557-41 (GC-12A)						Prepared & Analyzed: 07/28/2015				
Phosphorous, Dissolved as P - Dissolved	ND	0.0500	mg/L		ND					20	
Matrix Spike (BG51391-MS1)	*Source sample: 15G0557-41 (GC-12A)						Prepared & Analyzed: 07/28/2015				
Phosphorous, Dissolved as P - Dissolved	0.896	0.0500	mg/L	1.00	ND	89.6	75-125				
Batch BG51425 - Analysis Preparation											
Duplicate (BG51425-DUP1)	*Source sample: 15G0557-21 (GC-4C)						Prepared & Analyzed: 07/28/2015				
Total Inorganic Nitrogen, Dissolved - Dissolved	ND	1.00	mg/L		ND					200	



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

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

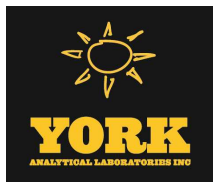
Batch BG51430 - Analysis Preparation

Duplicate (BG51430-DUP1)	*Source sample: 15G0557-41 (GC-12A)						Prepared & Analyzed: 07/28/2015				
Total Inorganic Nitrogen, Dissolved - Dissolved	1.40	1.00	mg/L		1.40				0.00	200	



Volatile Analysis Sample Containers

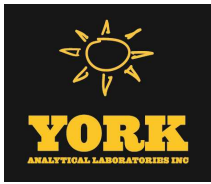
Lab ID	Client Sample ID	Volatile Sample Container
15G0557-01	GC-1A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-02	GC-2A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-03	GC-4A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-04	GC-5A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-05	GC-6A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-06	GC-7A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-07	GC-8A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-08	GC-9A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-09	GC-10A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-10	GC-1B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-11	GC-2B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-12	GC-4B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-13	GC-5B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-14	GC-6B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-15	GC-7B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-16	GC-8B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-17	GC-9B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-18	GC-10B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-19	GC-1C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-20	GC-2C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-21	GC-4C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-22	GC-5C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-23	GC-6C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-24	GC-7C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-25	GC-8C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-26	GC-9C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-27	GC-10C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-28	GC-1D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-29	GC-2D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-30	GC-4D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-31	GC-5D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-32	GC-6D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-33	GC-7D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-34	GC-8D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-35	GC-9D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-36	GC-10D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-37	GC-11A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-38	GC-11B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-39	GC-11C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-40	GC-11D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-41	GC-12A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-42	GC-12B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-43	GC-12C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-44	GC-12D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0557-46	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Notes and Definitions

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-08	The recovery of this surrogate was outside of QC limits.
QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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



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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRAITFORD, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 1860557

YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: Cashin Associates		<input type="checkbox"/> SAME		<input type="checkbox"/> SAME		Grand Canal		RUSH-Same Day		Summary Report	
Address: 1200 Veterans HWY		Name:		Name:		Purchase Order #		RUSH-Next Day		QA Report	
Hauppauge, NY 11788		Company:		Company:				RUSH-Two Day		CT RCP	
Phone.: 631-348-7600		Address:		Address:				RUSH-Three Day		CT RCP DQA/DUE Pkg	
Contact: Keith Brewer		E-mail:		E-mail:		Samples from CT_NY_X_NJ_		RUSH-Four Day		NY ASP A Package	
E-mail: kbrewer@ca-pc.com								Standard (5-7day)		NY ASP B Package	

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.

Matrix Codes
S - soil
Other - specify (oil, etc)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Samples Collected/Authorized By (Signature) _____
Name (printed) _____

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
GC-1A	15-Jul 6:12 AM	Seawater	Herb; Pest; Nitrate & Nitrite; TIN, Nitrate & Nitrite (Dissolved);	(3) 40ml
GC-2A	15-Jul 6:25 AM		Total Phosphorous, Phosphorous (Dissolved), SVOC, VOC	(4) 1000ml amber
GC-4A	15-Jul 6:40 AM		Total Kjeldahl, Total Kjeldahl (soluble)	(1) 500 ml plastic
GC-5A	15-Jul 6:48 AM			(1) 250ml plastic
GC-6A	15-Jul 6:55 AM			(1) 1000ml plastic
GC-7A	15-Jul 7:05 AM			
GC-8A	15-Jul 7:13 AM			
GC-9A	15-Jul 7:25 AM			
GC-10A	15-Jul 7:32			

Comments:

Preservation (check all applicable): 4°C _____ Frozen _____ HCl _____ MeOH _____ HNO₃ _____ H₂SO₄ _____ NaOH _____
ZnAc _____ Ascorbic Acid _____ Other _____

Special Instructions: Field Filtered Lab to Filter

Matrix, Analysis Requested, and Container Description applies for each sample ID

Samples Relinquished By: A. Thibery Date/Time: 7/15/15 4:40
Samples Received in L.A.B. by: TC Date/Time: 7/15/15 1925
Temperature on Receipt: 4.3 °C



YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRAFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

York Project No. 1560557

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

YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: Cashin Associates		Name: <input type="checkbox"/> SAME		Name: <input type="checkbox"/> SAME		Grand Canal		RUSH-Same Day		Summary Report	
Address: 1200 Veterans HWY		Company: <input type="checkbox"/> SAME		Company: <input type="checkbox"/> SAME		Purchase Order #		RUSH-Next Day		QA Report	
Phone: 631-348-7600		Address: <input type="checkbox"/> SAME		Address: <input type="checkbox"/> SAME				RUSH-Two Day		CT RCP	
Contact: Keith Brewer		E-mail: <input type="checkbox"/> SAME		E-mail: <input type="checkbox"/> SAME				RUSH-Three Day		CT RCP DQA/DUE Pkg	
E-mail: kbrewer@ca-pc.com						Samples from CT__NY_X_NJ__		RUSH-Four Day		NY ASP A Package	
								Standard (5-7day)		NY ASP B Package	
								X		NUDEP Reduced Deliv	
<p>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>Samples Collected/Authorized By (Signature) _____</p> <p>Name (printed) _____</p>											
<p>Matrix Codes</p> <p>S - soil Other - specify (oil, etc) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor</p>											
<p>Volatiles</p> <p>8260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App.IX list 8021B list</p>											
<p>Metals</p> <p>RCKA8 PP13 list TAL CTLS list TAGM list NIDEF list Total Dissolved SELP or TCLP TCLP Herb Chlordane 608 Pest SELP or TCLP 608 PCB</p>											
<p>Misc. Org.</p> <p>TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS SELP or TCLP Air VPH Air TICs Methane Helium</p>											
<p>Full Lists</p> <p>Pri. Poll. TCL Ogans TAL/Med/CN Full TCLP Full App. IX Part 360-Route Part 360-Extrac Part 360-Extrac Part 360-Extrac NYCDEP Sewer NYCDEP Sewer NYCDEP Sewer TAGM</p>											
<p>Excel</p> <p>NYSDEC EQUIS NUDEP SRP HazSite EQUIS GIS/KEY (std) YORK Regulatory Comp Excel compared to: OTHER:</p>											
Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description							
GC-1B	15-Jul 8:00 AM	Seawater	Herb; Pest; Nitrate & Nitrite; TIN, Nitrate & Nitrite (Dissolved);	(3) 40ml							
GC-2B	15-Jul 8:02 AM		Total Phosphorous, Phosphorous (Dissolved), SVOC, VOC	(4) 1000ml amber							
GC-4B	15-Jul 8:16 AM		Total Kjeldahl, Total Kjeldahl (soluble)	(1) 500 ml plastic							
GC-5B	15-Jul 8:15 AM			(1) 250ml plastic							
GC-6B	15-Jul 8:35 AM			(1) 1000ml plastic							
GC-78	15-Jul 8:42 AM										
GC-8B	15-Jul 8:48 AM										
GC-9B	15-Jul 8:57 AM										
GC-10B	15-Jul 9:05 AM										
<p>Comments:</p> <p>Matrix, Analysis Requested, and Container Description applies for each sample ID</p>											
<p>4°C _____ Frozen _____ HCl _____ MeOH _____ HNO₃ _____ H₂SO₄ _____ NaOH _____ ZnAc _____ Ascorbic Acid _____ Other _____</p>											
<p>Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/></p>											
<p>Samples Relinquished By <u>TC Brewer</u> Date/Time <u>7/15 4:40</u> Samples Received By <u>TC Brewer</u> Date/Time <u>7/15/15 1935</u> Temperature on Receipt <u>4.3°C</u></p>											



YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. KG0557

YOUR INFORMATION		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: <u>Cashin Associates</u>	<input type="checkbox"/> SAME	Name: _____	<input type="checkbox"/> SAME	Grand Canal		RUSH-Same Day		Summary Report		QA Report	
Address: <u>1200 Veterans HWY</u>	Name: _____	Company: _____	Address: _____	Purchase Order # _____		RUSH-Next Day		CT RCP		CT RCP DQA/DUE Pkg	
Phone.: <u>631-348-7600</u>	Address: _____	Address: _____	Address: _____	Standard (5-7day)		RUSH-Two Day		NY ASP A Package		NY ASP B Package	
Contact: <u>Keith Brewer</u>	E-mail: _____	E-mail: _____	E-mail: _____	Samples from CT_NY_X_NJ_		RUSH-Three Day		NUDEP Reduced Deliv		Excel	
E-mail: <u>kbrewer@ca-pc.com</u>	E-mail: _____	E-mail: _____	E-mail: _____	Standard (5-7day)		RUSH-Four Day		Excel		NYSDEC EQUIS	

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.

Matrix Codes
S - soil
Other - specify (oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Samples Collected/Authorized By (Signature)

Name (printed)

Sample Identification	Date/Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
GC-1C	15-Jul 10:15 AM	Seawater	Herb; Pest; Nitrate & Nitrite; TIN, Nitrate & Nitrite (Dissolved);	(3) 40ml
GC-2C	15-Jul 10:15 AM		Total Phosphorous, Phosphorous (Dissolved), SVOC, VOC	(4) 1000ml amber
GC-4C	15-Jul 11:15 AM		Total Kjeldahl, Total Kjeldahl (soluble)	(1) 500 ml plastic
GC-5C	15-Jul 11:25 AM			(1) 250ml plastic
GC-6C	15-Jul 11:37 AM			(1) 1000ml plastic
GC-7C	15-Jul 11:44 AM			
GC-8C	15-Jul 11:52 AM			
GC-9C	15-Jul 12:05 PM			
GC-10C	15-Jul 12:05 PM			

Comments:
Matrix, Analysis Requested, and Container Description applies for each sample ID

4°C _____ Frozen _____ HCl _____ MeOH _____ HNO₃ _____ H₂SO₄ _____ NaOH _____
ZnAc _____ Ascorbic Acid _____ Other _____

Special Instructions
Field Filtered
Lab to Filter

Samples Relinquished By KS Date/Time 7/15/15 4:40
Samples Received By KS Date/Time 7/15/15 4:40

Samples Relinquished By _____ Date/Time _____
Samples Received in LAB by _____ Date/Time _____

Temperature (°C) Receipt 4.3



YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRAITFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. K6-0557

YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: Cashin Associates	<input type="checkbox"/> SAME	Company: <u>Hauppauge, NY 11788</u>	<input type="checkbox"/> SAME	Company: <u>Hauppauge, NY 11788</u>	<input type="checkbox"/> SAME	Company: <u>Hauppauge, NY 11788</u>	<input type="checkbox"/> SAME	RUSH-Same Day	Summary Report	Summary Report	
Address: 1200 Veterans HWY	Name: _____	Address: _____	Name: _____	Address: _____	Name: _____	Address: _____	Name: _____	RUSH-Next Day	QA Report	QA Report	
Phone.: 631-348-7600	Company: _____	Company: _____	Company: _____	Company: _____	Company: _____	Company: _____	Company: _____	RUSH-Two Day	CT RCP	CT RCP	
Contact: Keith Brewer	Address: _____	Address: _____	Address: _____	Address: _____	Address: _____	Address: _____	Address: _____	RUSH-Three Day	CT RCP DQA/DUE Pkg	CT RCP DQA/DUE Pkg	
E-mail: kbrewer@ca-pc.com	E-mail: _____	E-mail: _____	E-mail: _____	E-mail: _____	E-mail: _____	E-mail: _____	E-mail: _____	RUSH-Four Day	NY ASP A Package	NY ASP A Package	
								Standard (5-7day)	NY ASP B Package	NY ASP B Package	
									NJDEP Reduced Deliv	NJDEP Reduced Deliv	

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

Samples Collected/Authorized By (Signature) _____

Name (printed) _____

Volatiles	Metals	Misc. Org.	Full Lists
E260 full 624 STARS list BTEX	RCKA8 PP13 list TAL CT15 list TAGM list NIDEP list Total	TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A	Pri. Poll. TCL Organics TAL, MetCN Full TCLP Full App. IX Part 560-Fluors Part 560-Soxins Part 560-Asbestos Part 560-PCBs NYCDEP Sewer NYCDEP Sewer NYCDEP Sewer TAGM
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor	SEMI-VOLS. Post PCBs 8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCLP list NJDEP list App. IX TCLP BNA SELP or TCLP 608 PCB	TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS SCLP or TCLP Air VPH Air TICs Methane Helium	Excel NYSDEC EQUIS NJDEP SRP HazSite EQUIS GIS/KEY (std) YORK Regulatory Comp Excel compared to: OTHER:

Sample Identification	Date/Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
GC-1D	15-Jul 1:53 PM	Seawater	Herb; Pest; Nitrate & Nitrite; TIN, Nitrate & Nitrite (Dissolved);	(3) 40ml
GC-2D	15-Jul 2:00 PM		Total Phosphorous, Phosphorous (Dissolved), SVOC, VOC	(4) 1000ml amber
GC-4D	15-Jul 2:15 PM		Total Kjeldahl, Total Kjeldahl (soluble)	(1) 500 ml plastic
GC-5D	15-Jul 2:25 PM			(1) 250ml plastic
GC-6D	15-Jul 2:32 PM			(1) 1000ml plastic
GC-7D	15-Jul 2:38 PM			
GC-8D	15-Jul 2:45 PM			
GC-9D	15-Jul 2:55 PM			
GC-10D	15-Jul 3:10 PM			

Comments:

Matrix, Analysis Requested, and Container Description applies for each sample ID

Preservation (check all applicable):
 4°C Frozen HCl MeOH HNO₃ H₂O₂ NaOH
 ZnAc Ascorbic Acid Other

Special Instructions:
 Field Filtered
 Lab to Filter

Samples Relinquished By: _____ Date/Time: 7/15 4:40
 Samples Relinquished By: _____ Date/Time: _____

Samples Received By: KE Date/Time: 7/15/15 1925
 Samples Received in LAB by: _____ Date/Time: _____

Temperature of Receipt: 4.3 °C



**LONG
ISLAND
ANALYTICAL
LABORATORIES INC.**

"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

Laboratory Report

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

LIAL# 5071504

July 20, 2015

Cashin Associates
Keith Brewer
1200 Veterans Highway
Hauppauge, NY 11787

Re: Grand Canal

Dear Keith Brewer,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on July 15, 2015. Long Island Analytical laboratories analyzed the samples on July 15, 2015 for the following:

SAMPLE ID	ANALYSIS
GC-12A	Enterococci, Fecal Coliform, Total Coliform
GC-11a	Enterococci, Fecal Coliform, Total Coliform
GC-1a	Enterococci, Fecal Coliform, Total Coliform
GC-2a	Enterococci, Fecal Coliform, Total Coliform
GC-4a	Enterococci, Fecal Coliform, Total Coliform
GC-5a	Enterococci, Fecal Coliform, Total Coliform
GC-6A	Enterococci, Fecal Coliform, Total Coliform
GC-7A	Enterococci, Fecal Coliform, Total Coliform
GC-8A	Enterococci, Fecal Coliform, Total Coliform
GC-9A	Enterococci, Fecal Coliform, Total Coliform
GC-10A	Enterococci, Fecal Coliform, Total Coliform
GC-1B	Enterococci, Fecal Coliform, Total Coliform
GC-2B	Enterococci, Fecal Coliform, Total Coliform
GC-4B	Enterococci, Fecal Coliform, Total Coliform
GC-5B	Enterococci, Fecal Coliform, Total Coliform
GC-6B	Enterococci, Fecal Coliform, Total Coliform
GC-7B	Enterococci, Fecal Coliform, Total Coliform
GC-8B	Enterococci, Fecal Coliform, Total Coliform
GC-9B	Enterococci, Fecal Coliform, Total Coliform

GC-10B	Enterococci, Fecal Coliform, Total Coliform
GC-12B	Enterococci, Fecal Coliform, Total Coliform
GC-11B	Enterococci, Fecal Coliform, Total Coliform

Samples received at 0.1 ° C

3.1 Sample was not provided at 100mL +/- 2.5mL, as specified by the method.

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,



Long Island Analytical Laboratories, Inc.

Michael Veraldi - Laboratory Director

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 05:22	Sample ID: GC-12A
Date (Time) Received: 07/15/2015 10:30	Laboratory ID: 5071504-01
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 10:45	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 10:45	SM 9221 B-06	2.0	2.0	1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 10:45	SM 9221 C, E-06	2.0	2.0	1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 05:23	Sample ID: GC-11a
Date (Time) Received: 07/15/2015 10:30	Laboratory ID: 5071504-02
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 10:45	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 10:45	SM 9221 B-06	2.0	2.0	900	MPN/100 mL	

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 10:45	SM 9221 C, E-06	2.0	2.0	900	MPN/100 mL	

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 06:12	Sample ID: GC-1a
Date (Time) Received: 07/15/2015 10:30	Laboratory ID: 5071504-03
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 10:45	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 10:45	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 10:45	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 06:25	Sample ID: GC-2a
Date (Time) Received: 07/15/2015 10:30	Laboratory ID: 5071504-04
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 10:45	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 10:45	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 10:45	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 06:40	Sample ID: GC-4a
Date (Time) Received: 07/15/2015 10:30	Laboratory ID: 5071504-05
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 10:45	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 10:45	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 10:45	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 06:48	Sample ID: GC-5a
Date (Time) Received: 07/15/2015 10:30	Laboratory ID: 5071504-06
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 10:45	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 10:45	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 10:45	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 06:55	Sample ID: GC-6A
Date (Time) Received: 07/15/2015 10:30	Laboratory ID: 5071504-07
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 10:45	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 10:45	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 10:45	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 07:05	Sample ID: GC-7A
Date (Time) Received: 07/15/2015 10:30	Laboratory ID: 5071504-08
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 10:45	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 10:45	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 10:45	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 07:13	Sample ID: GC-8A
Date (Time) Received: 07/15/2015 10:30	Laboratory ID: 5071504-09
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 10:45	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 10:45	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 10:45	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 07:25	Sample ID: GC-9A
Date (Time) Received: 07/15/2015 10:30	Laboratory ID: 5071504-10
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 10:45	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 10:45	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 10:45	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 07:32	Sample ID: GC-10A
Date (Time) Received: 07/15/2015 10:30	Laboratory ID: 5071504-11
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 10:45	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 10:45	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 10:45	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 08:00	Sample ID: GC-1B
Date (Time) Received: 07/15/2015 10:30	Laboratory ID: 5071504-12
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 10:45	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 10:45	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 10:45	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 08:07	Sample ID: GC-2B
Date (Time) Received: 07/15/2015 10:30	Laboratory ID: 5071504-13
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 10:45	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 10:45	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 10:45	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 08:16	Sample ID: GC-4B
Date (Time) Received: 07/15/2015 10:30	Laboratory ID: 5071504-14
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 10:45	Enterolert	NA	1.0	2420	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 10:45	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 10:45	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 08:25	Sample ID: GC-5B
Date (Time) Received: 07/15/2015 10:30	Laboratory ID: 5071504-15
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 10:45	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 10:45	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 10:45	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 08:35	Sample ID: GC-6B
Date (Time) Received: 07/15/2015 10:30	Laboratory ID: 5071504-16
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 10:45	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 10:45	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 10:45	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 08:42	Sample ID: GC-7B
Date (Time) Received: 07/15/2015 10:30	Laboratory ID: 5071504-17
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 10:45	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 10:45	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 10:45	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 08:48	Sample ID: GC-8B
Date (Time) Received: 07/15/2015 10:30	Laboratory ID: 5071504-18
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 10:45	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 10:45	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 10:45	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 08:57	Sample ID: GC-9B
Date (Time) Received: 07/15/2015 10:30	Laboratory ID: 5071504-19
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 10:45	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 10:45	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 10:45	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 09:05	Sample ID: GC-10B
Date (Time) Received: 07/15/2015 10:30	Laboratory ID: 5071504-20
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 10:45	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 10:45	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 10:45	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 09:23	Sample ID: GC-12B
Date (Time) Received: 07/15/2015 10:30	Laboratory ID: 5071504-21
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 10:45	Enterolert	NA	1.0	579	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 10:45	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 10:45	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 09:28	Sample ID: GC-11B
Date (Time) Received: 07/15/2015 10:30	Laboratory ID: 5071504-22
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 10:45	Enterolert	NA	1.0	1050	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 10:45	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 10:45	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Data Qualifiers Key Reference:

- 3.I Sample was not provided at 100mL +/- 2.5mL, as specified by the method.
- 5.E Level found exceeds the maximum contaminant level (MCL) as set by local, state or federal agencies.
- MDL Minimum Detection Limit
- LOQ Limit of Quantitation



LONG ISLAND ANALYTICAL LABORATORIES INC.

110 Colin Drive • Holbrook, New York 11741 • Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

TOMORROW'S ANALYTICAL SOLUTIONS TODAY™

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS
1200 VETS HWY
HAGERSTOWN NY 11778
PROJECT LOCATION: Grand Canal

CONTACT: Keith Brewer
PHONE: 631-348-7600
FAX:
EMAIL: KBREW@R2000-PL.COM

SAMPLER (SIGNATURE)
SAMPLER NAME (PRINT)
A. Thyberg

SAMPLES SEALED YES/NO
CORRECT CONTAINER(S) YES/NO
LA 5071504
FC

TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month. Tendering of samples to LIAL for analytical testing constitutes agreement by buyer/sampler to LIAL'S Standard terms

LABORATORY ID #	MATRIX	TYPE	PH	RES. CHLORINE	DATE	TIME	SAMPLE # LOCATION	ANALYSIS REQUIRED	# OF CONTAINERS
15071504-01	SW	G			7/15	5:22 AM	GC-12A	X	2
02						5:23 AM	GC-11A		
03						6:12 AM	GC-1A		
04						6:25 AM	GC-2A		
05						6:40 AM	GC-4A		
06						6:48 AM	GC-5A		
07						6:55 AM	GC-6A		
08						7:05 AM	GC-7A		
09						7:13 AM	GC-8A		
10						7:25 AM	GC-9A		
11						7:32 AM	GC-10A		
12						8:00 AM	GC-1B		
13						8:07 AM	GC-2B		
14						8:16 AM	GC-4B		

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WASTE; WIP=PAINT CHIPS; BM=BULK MATERIAL; O=OIL; WW=WASTE WATER
 TYPE: G=GRAB; C=COMPOSITE; SS=SPLIT SPOON
 PRES: (1) ICE; (2) HCL; (3) H2SO4; (4) NAOH; (5) NA2S2O3; (6) HNO3; (7) OTHER

TURNAROUND REQUIRED: NORMAL STAT BY / /

COMMENTS / INSTRUCTIONS

RELIQUISHED BY (SIGNATURE) DATE 7/15/15 PRINTED NAME Krysta Thyberg
 RELIQUISHED BY (SIGNATURE) DATE 10:30 PRINTED NAME Ben Thyberg

RECEIVED BY (SIGNATURE) DATE 7-15-15 PRINTED NAME Ben Thyberg
 RECEIVED BY (SIGNATURE) DATE 7-15-15 PRINTED NAME Ben Thyberg



TOMORROW'S ANALYTICAL SOLUTIONS TODAY™

110 Colin Drive • Holbrook, New York 11741 • Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: **CASHIN ASSOCIATES**
 1200 Vets Hwy
 Hempstead, NY 11779

PROJECT LOCATION: **Green Canal**

CONTACT: **Kath Brewer**
 PHONE: **631-348-7610**
 FAX:
 EMAIL: **KBREWERO@cashin.com**

SAMPLER (SIGNATURE): *[Signature]*
 SAMPLER NAME (PRINT): **A. Thyberg**
 SAMPLES RECEIVED AT: **0.1 °C**

SAMPLER(S) SEALED: **YES** / NO
 CORRECT CONTAINER(S): **YES** / NO

LABORATORY CHAIN: **5071504**

TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month. Tending of samples to LIAL for analytical testing constitutes agreement by buyer/sampler to LIAL's Standard terms

LABORATORY ID #	MATRIX	TYPE	PH	RES CHLORINE	DATE	TIME	SAMPLE # LOCATION	ANALYSIS REQUIRED	# OF CONTAINERS
150150415	54	G			7/15	8:25 AM	GC-5B	X X X	2
16						8:35 AM	GC-6B		2
17						8:42 AM	GC-7B		2
18						8:48 AM	GC-8B		2
19						8:57 AM	GC-9B		2
20						9:05 AM	GC-10B		2
21						9:23 AM	GC-12B		2
22						9:28 AM	GC-11B		2
SAMPLES TAKEN BY BEN @ 1045									
PH 5.0									
RES CLEO.0									

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WASTE WATER
 PC=PAINT CHIPS; BM=BULK MATERIAL; O=OIL; WW=WASTE WATER
 TYPE: G=GRAB; C=COMPOSITE; SS=SPLIT SPOON
 PRES: (1) ICE; (2) HCL; (3) H₂SO₄; (4) NaOH; (5) Na₂S₂O₃; (6) HNO₃; (7) OTHER

TURNAROUND REQUIRED: NORMAL STAT

RECEIVED BY (SIGNATURE): *[Signature]* DATE: 7-15-14
 RECEIVED BY (SIGNATURE): *[Signature]* DATE: 7-15-14

PRINTED NAME: **Krista Thyberg** PRINTED NAME: **Ben Lamberson**

DATE: 7/15/14 TIME: 10:30
 DATE: 7-15-14 TIME: 12:00



**LONG
ISLAND
ANALYTICAL
LABORATORIES INC.**

"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

Laboratory Report

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

LIAL# 5071517

July 20, 2015

Cashin Associates
Andrew Thyberg
1200 Veterans Highway
Hauppauge, NY 11787

Re: Grand Canal

Dear Andrew Thyberg,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on July 15, 2015. Long Island Analytical laboratories analyzed the samples on July 15, 2015 for the following:

SAMPLE ID	ANALYSIS
GC-1C	Enterococci, Fecal Coliform, Total Coliform
GC-2C	Enterococci, Fecal Coliform, Total Coliform
GC-4C	Enterococci, Fecal Coliform, Total Coliform
GC-5C	Enterococci, Fecal Coliform, Total Coliform
GC-6C	Enterococci, Fecal Coliform, Total Coliform
GC-7C	Enterococci, Fecal Coliform, Total Coliform
GC-8C	Enterococci, Fecal Coliform, Total Coliform
GC-9C	Enterococci, Fecal Coliform, Total Coliform
GC-10C	Enterococci, Fecal Coliform, Total Coliform
GC-12C	Enterococci, Fecal Coliform, Total Coliform
GC-11C	Enterococci, Fecal Coliform, Total Coliform
GC-11D	Enterococci, Fecal Coliform, Total Coliform
GC-12D	Enterococci, Fecal Coliform, Total Coliform
GC-1D	Enterococci, Fecal Coliform, Total Coliform
GC-2D	Enterococci, Fecal Coliform, Total Coliform
GC-4D	Enterococci, Fecal Coliform, Total Coliform
GC-5D	Enterococci, Fecal Coliform, Total Coliform
GC-6D	Enterococci, Fecal Coliform, Total Coliform
GC-7D	Enterococci, Fecal Coliform, Total Coliform

GC-8D	Enterococci, Fecal Coliform, Total Coliform
GC-9D	Enterococci, Fecal Coliform, Total Coliform
GC-10D	Enterococci, Fecal Coliform, Total Coliform
Replicate	Enterococci, Fecal Coliform, Total Coliform

Samples received at 1.7 ° C

3.1 Sample was not provided at 100mL +/- 2.5mL, as specified by the method.

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,



Long Island Analytical Laboratories, Inc.

Michael Veraldi - Laboratory Director

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 10:45	Sample ID: GC-1C
Date (Time) Received: 07/15/2015 16:35	Laboratory ID: 5071517-01
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 16:35	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 16:35	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 16:35	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 10:55	Sample ID: GC-2C
Date (Time) Received: 07/15/2015 16:35	Laboratory ID: 5071517-02
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 16:35	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 16:35	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 16:35	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 11:05	Sample ID: GC-4C
Date (Time) Received: 07/15/2015 16:35	Laboratory ID: 5071517-03
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 16:35	Enterolert	NA	1.0	2420	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 16:35	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 16:35	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 11:15	Sample ID: GC-5C
Date (Time) Received: 07/15/2015 16:35	Laboratory ID: 5071517-04
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 16:35	Enterolert	NA	1.0	1730	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 16:35	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 16:35	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 11:25	Sample ID: GC-6C
Date (Time) Received: 07/15/2015 16:35	Laboratory ID: 5071517-05
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 16:35	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 16:35	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 16:35	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 11:37	Sample ID: GC-7C
Date (Time) Received: 07/15/2015 16:35	Laboratory ID: 5071517-06
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 16:35	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 16:35	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 16:35	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 11:44	Sample ID: GC-8C
Date (Time) Received: 07/15/2015 16:35	Laboratory ID: 5071517-07
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 16:35	Enterolert	NA	1.0	2420	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 16:35	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 16:35	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 11:58	Sample ID: GC-9C
Date (Time) Received: 07/15/2015 16:35	Laboratory ID: 5071517-08
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 16:35	Enterolert	NA	1.0	866	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 16:35	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 16:35	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 12:05	Sample ID: GC-10C
Date (Time) Received: 07/15/2015 16:35	Laboratory ID: 5071517-09
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 16:35	Enterolert	NA	1.0	1550	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 16:35	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 16:35	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 12:25	Sample ID: GC-12C
Date (Time) Received: 07/15/2015 16:35	Laboratory ID: 5071517-10
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 16:35	Enterolert	NA	1.0	261	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 16:35	SM 9221 B-06	2.0	2.0	1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 16:35	SM 9221 C, E-06	2.0	2.0	1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 12:30	Sample ID: GC-11C
Date (Time) Received: 07/15/2015 16:35	Laboratory ID: 5071517-11
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 16:35	Enterolert	NA	1.0	553	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 16:35	SM 9221 B-06	2.0	2.0	900	MPN/100 mL	

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 16:35	SM 9221 C, E-06	2.0	2.0	900	MPN/100 mL	

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 13:30	Sample ID: GC-11D
Date (Time) Received: 07/15/2015 16:35	Laboratory ID: 5071517-12
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 16:35	Enterolert	NA	1.0	770	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 16:35	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 16:35	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 13:38	Sample ID: GC-12D
Date (Time) Received: 07/15/2015 16:35	Laboratory ID: 5071517-13
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 16:35	Enterolert	NA	1.0	548	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 16:35	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 16:35	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 13:53	Sample ID: GC-1D
Date (Time) Received: 07/15/2015 16:35	Laboratory ID: 5071517-14
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 16:35	Enterolert	NA	1.0	1200	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 16:35	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 16:35	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 14:00	Sample ID: GC-2D
Date (Time) Received: 07/15/2015 16:35	Laboratory ID: 5071517-15
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 16:35	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 16:35	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 16:35	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 14:15	Sample ID: GC-4D
Date (Time) Received: 07/15/2015 16:35	Laboratory ID: 5071517-16
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 16:35	Enterolert	NA	1.0	1120	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 16:35	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 16:35	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 14:25	Sample ID: GC-5D
Date (Time) Received: 07/15/2015 16:35	Laboratory ID: 5071517-17
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 16:35	Enterolert	NA	1.0	1300	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 16:35	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 16:35	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 14:32	Sample ID: GC-6D
Date (Time) Received: 07/15/2015 16:35	Laboratory ID: 5071517-18
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 16:35	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 16:35	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 16:35	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 14:38	Sample ID: GC-7D
Date (Time) Received: 07/15/2015 16:35	Laboratory ID: 5071517-19
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 16:35	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 16:35	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 16:35	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 14:43	Sample ID: GC-8D
Date (Time) Received: 07/15/2015 16:35	Laboratory ID: 5071517-20
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 16:35	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 16:35	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 16:35	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 14:55	Sample ID: GC-9D
Date (Time) Received: 07/15/2015 16:35	Laboratory ID: 5071517-21
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 16:35	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 16:35	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 16:35	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 15:10	Sample ID: GC-10D
Date (Time) Received: 07/15/2015 16:35	Laboratory ID: 5071517-22
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 16:35	Enterolert	NA	1.0	1410	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 16:35	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 16:35	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 07/15/2015 15:10	Sample ID: Replicate
Date (Time) Received: 07/15/2015 16:35	Laboratory ID: 5071517-23
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	07/15/2015 16:35	Enterolert	NA	1.0	>2419.6	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	07/15/2015 16:35	SM 9221 B-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	07/15/2015 16:35	SM 9221 C, E-06	2.0	2.0	>1600	MPN/100 mL	5.E

Date Prepared: 07/15/2015

Preparation Method: Micro-No Prep

Data Qualifiers Key Reference:

- 3.I Sample was not provided at 100mL +/- 2.5mL, as specified by the method.
- 5.E Level found exceeds the maximum contaminant level (MCL) as set by local, state or federal agencies.
- MDL Minimum Detection Limit
- LOQ Limit of Quantitation



110 Colin Drive • Holbrook, New York 11741 • Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS Cashin Associates 1200 Vets Hwy Hempstead, NY 11789		CONTACT: Keith Brewer PHONE: 631-348-7600 FAX: EMAIL: KBREWER@ca-pe.com		SAMPLER (SIGNATURE) <i>[Signature]</i>		SAMPLE(S) SEALED YES / NO L 5071517	
PROJECT LOCATION: Grand Canal		SAMPLER NAME (PRINT) Andrew Thyberg		CORRECT CONTAINER(S) YES / NO (F)			
TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month. Lending of samples to LIAL for analytical testing constitutes agreement by buyer/sampler to LIAL's Standard terms							
LABORATORY ID #	MATRIX	TYPE	PH	RES CHLORINE	DATE	TIME	SAMPLE # LOCATION
1. 5071517-15-CW					7/15/15	2:00 PM	GC-2D
2. 16						2:15 PM	GC-4D
3. 17						2:25 PM	GC-5D
4. 18						2:32 PM	GC-6D
5. 19						2:38 PM	GC-7D
6. 20						2:43 PM	GC-8D
7. 21						2:55 PM	GC-9D
8. 22						3:10 PM	GC-10D
9. 23						N/A	EXCESS Replicate
10.							
11.							
12.							
13.							
14.							

ANALYSIS REQUIRED: Tetra Altim, Fecal Altim, Enterococci

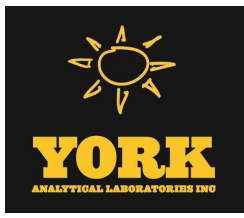
SAMPLES TAKEN BY Ben @ 430

TURNAROUND REQUIRED: NORMAL STAT BY /

RECEIVED BY (SIGNATURE): *[Signature]* Krista Thyberg
DATE: 7/15 TIME: 4:35
PRINTED NAME: Krista Thyberg

RECEIVED BY (SIGNATURE): *[Signature]* Ben Laubenson
DATE: 7-15-15 TIME: 4:57
PRINTED NAME: Ben Laubenson

**August 2015 Event
Laboratory Results**



Technical Report

prepared for:

Cashin Associates, P.C.
1200 Veterans Memorial Highway, 2nd Floor
Hauppauge NY, 11788
Attention: Keith W. Brewer

Report Date: 09/10/2015
Client Project ID: 14040.1-Grand Canal
York Project (SDG) No.: 15H0938

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Cashin Associates, P.C.
1200 Veterans Memorial Highway, 2nd Floor
Hauppauge NY, 11788
Attention: Keith W. Brewer

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 27, 2015 and listed below. The project was identified as your project: **14040.1-Grand Canal**.

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 Notes 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 attachment to 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>
15H0938-01	GC-1A	Water	08/27/2015	08/27/2015
15H0938-02	GC-2A	Water	08/27/2015	08/27/2015
15H0938-03	GC-4A	Water	08/27/2015	08/27/2015
15H0938-04	GC-5A	Water	08/27/2015	08/27/2015
15H0938-05	GC-6A	Water	08/27/2015	08/27/2015
15H0938-06	GC-7A	Water	08/27/2015	08/27/2015
15H0938-07	GC-8A	Water	08/27/2015	08/27/2015
15H0938-08	GC-9A	Water	08/27/2015	08/27/2015
15H0938-09	GC-10A	Water	08/27/2015	08/27/2015
15H0938-10	GC-1B	Water	08/27/2015	08/27/2015
15H0938-11	GC-2B	Water	08/27/2015	08/27/2015
15H0938-12	GC-4B	Water	08/27/2015	08/27/2015
15H0938-13	GC-5B	Water	08/27/2015	08/27/2015
15H0938-14	GC-6B	Water	08/27/2015	08/27/2015
15H0938-15	GC-7B	Water	08/27/2015	08/27/2015
15H0938-17	GC-8B	Water	08/27/2015	08/27/2015
15H0938-18	GC-9B	Water	08/27/2015	08/27/2015
15H0938-19	GC-10B	Water	08/27/2015	08/27/2015
15H0938-20	GC-1C	Water	08/27/2015	08/27/2015
15H0938-21	GC-2C	Water	08/27/2015	08/27/2015
15H0938-22	GC-4C	Water	08/27/2015	08/27/2015
15H0938-23	GC-5C	Water	08/27/2015	08/27/2015
15H0938-24	GC-6C	Water	08/27/2015	08/27/2015

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
15H0938-25	GC-7C	Water	08/27/2015	08/27/2015
15H0938-26	GC-8C	Water	08/27/2015	08/27/2015
15H0938-27	GC-9C	Water	08/27/2015	08/27/2015
15H0938-28	GC-10C	Water	08/27/2015	08/27/2015
15H0938-29	GC-1D	Water	08/27/2015	08/27/2015
15H0938-30	GC-2D	Water	08/27/2015	08/27/2015
15H0938-31	GC-4D	Water	08/27/2015	08/27/2015
15H0938-32	GC-5D	Water	08/27/2015	08/27/2015
15H0938-33	GC-6D	Water	08/27/2015	08/27/2015
15H0938-34	GC-7D	Water	08/27/2015	08/27/2015
15H0938-35	GC-8D	Water	08/27/2015	08/27/2015
15H0938-36	GC-9D	Water	08/27/2015	08/27/2015
15H0938-37	GC-10D	Water	08/27/2015	08/27/2015
15H0938-38	GC-11A	Water	08/27/2015	08/27/2015
15H0938-39	GC-11B	Water	08/27/2015	08/27/2015
15H0938-40	GC-11C	Water	08/27/2015	08/27/2015
15H0938-41	GC-11D	Water	08/27/2015	08/27/2015
15H0938-42	GC-12A	Water	08/27/2015	08/27/2015
15H0938-43	GC-12B	Water	08/27/2015	08/27/2015
15H0938-44	GC-12C	Water	08/27/2015	08/27/2015
15H0938-45	GC-12D	Water	08/27/2015	08/27/2015
15H0938-46	Replicate	Water	08/27/2015	08/27/2015
15H0938-47	Trip Blank	Water	08/27/2015	08/27/2015

General Notes for York Project (SDG) No.: 15H0938

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 samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 09/10/2015





Sample Information

Client Sample ID: GC-1A

York Sample ID: 15H0938-01

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 6:54 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.20		mg/L	1.00	1.20	1	varies	09/10/2015 10:46	09/10/2015 15:41	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.90		mg/L	1.00	1.20	1	varies	09/10/2015 10:55	09/10/2015 16:00	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS



Sample Information

Client Sample ID: GC-1A

York Sample ID: 15H0938-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:54 am

08/27/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
67-64-1	Acetone	1.7	SCAL- E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS



Sample Information

Client Sample ID: GC-1A

York Sample ID: 15H0938-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:54 am

08/27/2015

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
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	08/31/2015 16:49	09/01/2015 08:09	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	08/31/2015 16:49	09/01/2015 08:09	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS



Sample Information

Client Sample ID: GC-1A

York Sample ID: 15H0938-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:54 am

08/27/2015

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
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	08/31/2015 16:49	09/01/2015 08:09	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %			69-130						
2037-26-5	Surrogate: Toluene-d8	96.4 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	102 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/28/2015 20:15	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/28/2015 20:15	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/28/2015 20:15	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH



Sample Information

Client Sample ID: GC-1A

York Sample ID: 15H0938-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:54 am

08/27/2015

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	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:07	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:07	SR
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:07	SR
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:07	SR
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH



Sample Information

Client Sample ID: GC-1A

York Sample ID: 15H0938-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:54 am

08/27/2015

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
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:07	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:07	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:07	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:07	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:07	SR
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:07	SR
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:07	SR
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:07	SR



Sample Information

Client Sample ID: GC-1A

York Sample ID: 15H0938-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:54 am

08/27/2015

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
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:07	SR
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:07	SR
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:07	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:07	SR
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:07	SR
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:15	KH
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:07	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	22.3 %			10-65						
4165-62-2	Surrogate: Phenol-d5	15.3 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	57.0 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	43.3 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	53.2 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	55.2 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:02	AMC



Sample Information

Client Sample ID: GC-1A

York Sample ID: 15H0938-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:54 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:02	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:02	AMC
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:02	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:02	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:02	AMC
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:02	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0400	0.0400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:02	AMC
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:02	AMC
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:02	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:02	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:02	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:02	AMC
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:02	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:02	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:02	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:02	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:02	AMC
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:02	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:02	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:02	AMC
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:02	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	Surrogate: Tetrachloro-m-xylene	32.0 %	30-120
2051-24-3	Surrogate: Decachlorobiphenyl	31.1 %	30-120



Sample Information

Client Sample ID: GC-1A

York Sample ID: 15H0938-01

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 6:54 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 19:51	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 19:51	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 19:51	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 19:51	SA
	Surrogate Recoveries	Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L	79.8 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:10	09/10/2015 13:53	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/08/2015 12:49	09/08/2015 17:22	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:06	09/10/2015 16:10	PAM

Sample Information

Client Sample ID: GC-2A

York Sample ID: 15H0938-02

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 6:48 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-2A

York Sample ID: 15H0938-02

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 6:48 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Nitrogen	1.70		mg/L	1.00	1.20	1	varies	09/10/2015 10:46	09/10/2015 15:41	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Nitrogen, Total-Dissolved	1.70		mg/L	1.00	1.20	1	varies	09/10/2015 10:55	09/10/2015 16:00	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS



Sample Information

Client Sample ID: GC-2A

York Sample ID: 15H0938-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:48 am

08/27/2015

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS



Sample Information

Client Sample ID: GC-2A

York Sample ID: 15H0938-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:48 am

08/27/2015

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
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	08/31/2015 16:49	09/01/2015 08:36	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	08/31/2015 16:49	09/01/2015 08:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS



Sample Information

Client Sample ID: GC-2A

York Sample ID: 15H0938-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:48 am

08/27/2015

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	08/31/2015 16:49	09/01/2015 08:36	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %			69-130						
2037-26-5	Surrogate: Toluene-d8	96.1 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	98.2 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/28/2015 20:47	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/28/2015 20:47	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/28/2015 20:47	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH



Sample Information

Client Sample ID: GC-2A

York Sample ID: 15H0938-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:48 am

08/27/2015

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
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:40	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:40	SR
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:40	SR
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:40	SR
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH



Sample Information

Client Sample ID: GC-2A

York Sample ID: 15H0938-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:48 am

08/27/2015

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
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:40	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:40	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:40	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:40	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:40	SR
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
117-81-7	Bis(2-ethylhexyl)phthalate	1.07		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:40	SR
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:40	SR
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:40	SR
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:40	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH



Sample Information

Client Sample ID: GC-2A

York Sample ID: 15H0938-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:48 am

08/27/2015

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
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:40	SR
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:40	SR
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:40	SR
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:40	SR
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 07:40	SR
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 20:47	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	18.3 %	10-65
4165-62-2	Surrogate: Phenol-d5	15.5 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	59.0 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	45.3 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	56.2 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	59.9 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:17	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:17	AMC



Sample Information

Client Sample ID: GC-2A

York Sample ID: 15H0938-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:48 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:17	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:17	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:17	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:17	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:17	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:17	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:17	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:17	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:17	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:17	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:17	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:17	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:17	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:17	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:17	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:17	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:17	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:17	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:17	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:17	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	41.7 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	36.8 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-2A

York Sample ID: 15H0938-02

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 6:48 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 20:06	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 20:06	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 20:06	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 20:06	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 76.4 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:10	09/10/2015 13:53	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/08/2015 12:49	09/08/2015 17:22	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:06	09/10/2015 16:10	PAM

Sample Information

Client Sample ID: GC-4A

York Sample ID: 15H0938-03

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 6:31 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

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



Sample Information

Client Sample ID: GC-4A

York Sample ID: 15H0938-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:31 am

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.90		mg/L	1.00	1.20	1	varies	09/10/2015 10:46	09/10/2015 15:41	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.70		mg/L	1.00	1.20	1	varies	09/10/2015 10:55	09/10/2015 16:00	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	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,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS



Sample Information

Client Sample ID: GC-4A

York Sample ID: 15H0938-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:31 am

08/27/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS



Sample Information

Client Sample ID: GC-4A

York Sample ID: 15H0938-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:31 am

08/27/2015

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 Cyclohexane, Dibromochloromethane, Dibromomethane, Dichlorodifluoromethane, Ethyl Benzene, Hexachlorobutadiene, Isopropylbenzene, Methyl acetate, Methyl tert-butyl ether (MTBE), Methylcyclohexane, Methylene chloride, n-Butylbenzene, n-Propylbenzene, o-Xylene, p- & m- Xylenes, p-Isopropyltoluene, sec-Butylbenzene, Styrene, tert-Butyl alcohol (TBA), tert-Butylbenzene, Tetrachloroethylene, Toluene, trans-1,2-Dichloroethylene, trans-1,3-Dichloropropylene.



Sample Information

Client Sample ID: GC-4A

York Sample ID: 15H0938-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:31 am

08/27/2015

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
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	08/31/2015 16:49	09/01/2015 09:04	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %			69-130						
2037-26-5	Surrogate: Toluene-d8	93.4 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	101 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/28/2015 21:19	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/28/2015 21:19	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/28/2015 21:19	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH



Sample Information

Client Sample ID: GC-4A

York Sample ID: 15H0938-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:31 am

08/27/2015

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	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
83-32-9	Acenaphthene	0.0615		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:13	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:13	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:13	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:13	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH



Sample Information

Client Sample ID: GC-4A

York Sample ID: 15H0938-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:31 am

08/27/2015

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
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:13	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:13	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:13	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:13	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:13	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
117-81-7	Bis(2-ethylhexyl)phthalate	2.41		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:13	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:13	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:13	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
206-44-0	Fluoranthene	0.0718		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:13	SR



Sample Information

Client Sample ID: GC-4A

York Sample ID: 15H0938-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:31 am

08/27/2015

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
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:13	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:13	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:13	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:13	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:13	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:19	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:13	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	24.5 %	10-65
4165-62-2	Surrogate: Phenol-d5	17.5 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	63.0 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	45.5 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	62.4 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	63.6 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

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



Sample Information

Client Sample ID: GC-4A

York Sample ID: 15H0938-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:31 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:33	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:33	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:33	AMC
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:33	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:33	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:33	AMC
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:33	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0400	0.0400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:33	AMC
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:33	AMC
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:33	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:33	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:33	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:33	AMC
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:33	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:33	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:33	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:33	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:33	AMC
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:33	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:33	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:33	AMC
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 19:33	AMC

Surrogate Recoveries

Result

Acceptance Range

877-09-8 Surrogate: Tetrachloro-m-xylene

43.4 %

30-120



Sample Information

Client Sample ID: GC-4A

York Sample ID: 15H0938-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:31 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	29.5 %		GC-Sur	30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 20:21	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 20:21	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 20:21	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 20:21	SA

Surrogate Recoveries

Result

Acceptance Range

19719-28-9 Surrogate: 2,4-Dichlorophenylacetic acid (L 55.0 %

30-150

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:10	09/10/2015 13:53	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0630		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/08/2015 12:49	09/08/2015 17:22	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:06	09/10/2015 16:10	PAM



Sample Information

Client Sample ID: GC-5A

York Sample ID: 15H0938-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:40 am

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.80		mg/L	1.00	1.20	1	varies	09/10/2015 10:46	09/10/2015 15:41	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		2.00		mg/L	1.00	1.20	1	varies	09/10/2015 10:55	09/10/2015 16:00	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS



Sample Information

Client Sample ID: GC-5A

York Sample ID: 15H0938-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:40 am

08/27/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS



Sample Information

Client Sample ID: GC-5A

York Sample ID: 15H0938-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:40 am

08/27/2015

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
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	08/31/2015 16:49	09/01/2015 09:31	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	08/31/2015 16:49	09/01/2015 09:31	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS



Sample Information

Client Sample ID: GC-5A

York Sample ID: 15H0938-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:40 am

08/27/2015

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
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	08/31/2015 16:49	09/01/2015 09:31	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %			69-130						
2037-26-5	Surrogate: Toluene-d8	97.3 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	102 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/28/2015 21:52	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/28/2015 21:52	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/28/2015 21:52	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH



Sample Information

Client Sample ID: GC-5A

York Sample ID: 15H0938-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:40 am

08/27/2015

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	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:45	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH



Sample Information

Client Sample ID: GC-5A

York Sample ID: 15H0938-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:40 am

08/27/2015

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
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:45	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:45	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:45	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:45	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:45	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
117-81-7	Bis(2-ethylhexyl)phthalate	0.933		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:45	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:45	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:45	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:45	SR



Sample Information

Client Sample ID: GC-5A

York Sample ID: 15H0938-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:40 am

08/27/2015

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
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:45	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:45	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:45	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:45	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:45	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:45	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 21:52	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 08:45	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	25.6 %	10-65
4165-62-2	Surrogate: Phenol-d5	19.0 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	67.1 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	53.4 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	72.1 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	70.9 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 20:47	AMC



Sample Information

Client Sample ID: GC-5A

York Sample ID: 15H0938-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:40 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 20:47	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 20:47	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 20:47	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 20:47	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 20:47	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 20:47	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 20:47	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 20:47	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 20:47	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 20:47	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 20:47	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 20:47	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 20:47	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 20:47	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 20:47	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 20:47	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 20:47	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 20:47	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 20:47	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 20:47	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 20:47	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	Surrogate: Tetrachloro-m-xylene	44.9 %	30-120
2051-24-3	Surrogate: Decachlorobiphenyl	34.8 %	30-120



Sample Information

Client Sample ID: GC-5A

York Sample ID: 15H0938-04

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 6:40 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 20:35	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 20:35	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 20:35	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 20:35	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 86.0 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:10	09/10/2015 13:53	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/08/2015 12:49	09/08/2015 17:22	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:06	09/10/2015 16:10	PAM

Sample Information

Client Sample ID: GC-6A

York Sample ID: 15H0938-05

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 6:21 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-6A

York Sample ID: 15H0938-05

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 6:21 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.60		mg/L	1.00	1.20	1	varies	09/10/2015 10:46	09/10/2015 15:41	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.90		mg/L	1.00	1.20	1	varies	09/10/2015 10:55	09/10/2015 16:00	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS



Sample Information

Client Sample ID: GC-6A

York Sample ID: 15H0938-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:21 am

08/27/2015

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
67-64-1	Acetone	1.7	SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS



Sample Information

Client Sample ID: GC-6A

York Sample ID: 15H0938-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:21 am

08/27/2015

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
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	08/31/2015 16:49	09/01/2015 09:59	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	08/31/2015 16:49	09/01/2015 09:59	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS



Sample Information

Client Sample ID: GC-6A

York Sample ID: 15H0938-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:21 am

08/27/2015

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	08/31/2015 16:49	09/01/2015 09:59	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	116 %			69-130						
2037-26-5	Surrogate: Toluene-d8	94.8 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	99.3 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 12:36	08/31/2015 14:17	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 12:36	08/31/2015 14:17	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 12:36	08/31/2015 14:17	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH



Sample Information

Client Sample ID: GC-6A

York Sample ID: 15H0938-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:21 am

08/27/2015

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
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
83-32-9	Acenaphthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:18	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:18	SR
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
120-12-7	Anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:18	SR
1912-24-9	Atrazine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:18	SR
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
92-87-5	Benzidine	ND		ug/L	11.1	22.2	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH



Sample Information

Client Sample ID: GC-6A

York Sample ID: 15H0938-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:21 am

08/27/2015

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
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:18	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:18	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:18	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:18	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:18	SR
65-85-0	Benzoic acid	ND		ug/L	27.8	55.6	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:18	SR
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
218-01-9	Chrysene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:18	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:18	SR
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
206-44-0	Fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:18	SR
86-73-7	Fluorene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:18	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	0.0222	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:18	SR



Sample Information

Client Sample ID: GC-6A

York Sample ID: 15H0938-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:21 am

08/27/2015

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
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
67-72-1	Hexachloroethane	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:18	SR
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
91-20-3	Naphthalene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:18	SR
98-95-3	Nitrobenzene	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:18	SR
85-01-8	Phenanthrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:18	SR
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:17	KH
129-00-0	Pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 12:36	08/31/2015 14:18	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	36.2 %	10-65
4165-62-2	Surrogate: Phenol-d5	22.8 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	79.5 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	62.6 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	69.1 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	69.4 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:02	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:02	AMC



Sample Information

Client Sample ID: GC-6A

York Sample ID: 15H0938-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:21 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:02	AMC
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:02	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:02	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:02	AMC
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:02	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0400	0.0400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:02	AMC
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:02	AMC
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:02	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:02	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:02	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:02	AMC
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:02	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:02	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:02	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:02	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:02	AMC
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:02	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:02	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:02	AMC
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:02	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	42.7 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	30.4 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-6A

York Sample ID: 15H0938-05

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 6:21 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 20:50	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 20:50	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 20:50	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 20:50	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 74.0 %)				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:10	09/10/2015 13:53	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/08/2015 12:49	09/08/2015 17:22	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:06	09/10/2015 16:10	PAM

Sample Information

Client Sample ID: GC-7A

York Sample ID: 15H0938-06

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 6:17 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

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



Sample Information

Client Sample ID: GC-7A

York Sample ID: 15H0938-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:17 am

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.80		mg/L	1.00	1.20	1	varies	09/10/2015 10:46	09/10/2015 15:41	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.90		mg/L	1.00	1.20	1	varies	09/10/2015 10:55	09/10/2015 16:00	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK



Sample Information

Client Sample ID: GC-7A

York Sample ID: 15H0938-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:17 am

08/27/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
67-64-1	Acetone	1.5	SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
107-02-8	Acrolein	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK



Sample Information

Client Sample ID: GC-7A

York Sample ID: 15H0938-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:17 am

08/27/2015

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
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/04/2015 08:15	09/04/2015 18:28	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/04/2015 08:15	09/04/2015 18:28	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK



Sample Information

Client Sample ID: GC-7A

York Sample ID: 15H0938-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:17 am

08/27/2015

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
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/04/2015 08:15	09/04/2015 18:28	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	115 %			69-130						
2037-26-5	Surrogate: Toluene-d8	104 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	89.4 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/28/2015 22:57	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/28/2015 22:57	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/28/2015 22:57	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH



Sample Information

Client Sample ID: GC-7A

York Sample ID: 15H0938-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:17 am

08/27/2015

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	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 09:50	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 09:50	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 09:50	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH



Sample Information

Client Sample ID: GC-7A

York Sample ID: 15H0938-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:17 am

08/27/2015

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
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 09:50	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 09:50	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 09:50	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 09:50	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 09:50	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 09:50	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 09:50	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 09:50	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 09:50	SR



Sample Information

Client Sample ID: GC-7A

York Sample ID: 15H0938-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:17 am

08/27/2015

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
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 09:50	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 09:50	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 09:50	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 09:50	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 09:50	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 22:57	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 09:50	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	18.4 %			10-65						
4165-62-2	Surrogate: Phenol-d5	12.2 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	47.2 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	36.6 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	50.1 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	57.2 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:17	AMC



Sample Information

Client Sample ID: GC-7A

York Sample ID: 15H0938-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:17 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:17	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:17	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:17	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:17	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:17	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:17	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:17	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:17	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:17	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:17	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:17	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:17	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:17	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:17	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:17	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:17	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:17	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:17	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:17	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:17	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:17	AMC
	Surrogate Recoveries	Result						Acceptance Range			
877-09-8	Surrogate: Tetrachloro-m-xylene	33.8 %						30-120			
2051-24-3	Surrogate: Decachlorobiphenyl	33.3 %						30-120			



Sample Information

Client Sample ID: GC-7A

York Sample ID: 15H0938-06

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 6:17 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 21:05	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 21:05	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 21:05	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 21:05	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 61.0 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:10	09/10/2015 13:53	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/08/2015 12:49	09/08/2015 17:22	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:06	09/10/2015 16:10	PAM

Sample Information

Client Sample ID: GC-8A

York Sample ID: 15H0938-07

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 6:10 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-8A

York Sample ID: 15H0938-07

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 6:10 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Nitrogen	1.80		mg/L	1.00	1.20	1	varies	09/10/2015 10:46	09/10/2015 15:41	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Nitrogen, Total-Dissolved	1.80		mg/L	1.00	1.20	1	varies	09/10/2015 10:55	09/10/2015 16:00	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS



Sample Information

Client Sample ID: GC-8A

York Sample ID: 15H0938-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:10 am

08/27/2015

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS



Sample Information

Client Sample ID: GC-8A

York Sample ID: 15H0938-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:10 am

08/27/2015

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
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	08/31/2015 16:49	09/01/2015 10:54	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	08/31/2015 16:49	09/01/2015 10:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS



Sample Information

Client Sample ID: GC-8A

York Sample ID: 15H0938-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:10 am

08/27/2015

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	08/31/2015 16:49	09/01/2015 10:54	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	115 %			69-130						
2037-26-5	Surrogate: Toluene-d8	94.3 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	102 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/28/2015 23:29	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/28/2015 23:29	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/28/2015 23:29	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH



Sample Information

Client Sample ID: GC-8A

York Sample ID: 15H0938-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:10 am

08/27/2015

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
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:22	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:22	SR
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:22	SR
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:22	SR
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH



Sample Information

Client Sample ID: GC-8A

York Sample ID: 15H0938-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:10 am

08/27/2015

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
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:22	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:22	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:22	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:22	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:22	SR
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
117-81-7	Bis(2-ethylhexyl)phthalate	0.890		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:22	SR
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:22	SR
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:22	SR
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:22	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH



Sample Information

Client Sample ID: GC-8A

York Sample ID: 15H0938-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:10 am

08/27/2015

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
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:22	SR
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:22	SR
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:22	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 23:29	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	16.4 %	10-65
4165-62-2	Surrogate: Phenol-d5	14.3 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	53.7 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	40.0 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	51.9 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	52.4 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:32	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:32	AMC



Sample Information

Client Sample ID: GC-8A

York Sample ID: 15H0938-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:10 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:32	AMC
309-00-2	Aldrin	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:32	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:32	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:32	AMC
319-85-7	beta-BHC	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:32	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0457	0.0457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:32	AMC
319-86-8	delta-BHC	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:32	AMC
60-57-1	Dieldrin	ND		ug/L	0.00229	0.00229	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:32	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:32	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:32	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:32	AMC
72-20-8	Endrin	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:32	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0114	0.0114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:32	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0114	0.0114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:32	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:32	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0114	0.0114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:32	AMC
76-44-8	Heptachlor	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:32	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:32	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:32	AMC
8001-35-2	Toxaphene	ND		ug/L	0.114	0.114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:32	AMC
	Surrogate Recoveries	Result						Acceptance Range			
877-09-8	Surrogate: Tetrachloro-m-xylene	33.2 %						30-120			
2051-24-3	Surrogate: Decachlorobiphenyl	41.4 %						30-120			

Herbicides, Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-8A

York Sample ID: 15H0938-07

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 6:10 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 21:20	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 21:20	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 21:20	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 21:20	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 78.6 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:10	09/10/2015 13:53	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/08/2015 12:49	09/08/2015 17:22	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:06	09/10/2015 16:10	PAM

Sample Information

Client Sample ID: GC-9A

York Sample ID: 15H0938-08

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 6:00 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

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



Sample Information

Client Sample ID: GC-9A

York Sample ID: 15H0938-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:00 am

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.60		mg/L	1.00	1.20	1	varies	09/10/2015 10:46	09/10/2015 15:41	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.80		mg/L	1.00	1.20	1	varies	09/10/2015 10:55	09/10/2015 16:00	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS



Sample Information

Client Sample ID: GC-9A

York Sample ID: 15H0938-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:00 am

08/27/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
67-64-1	Acetone	1.2	SCAL- E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS



Sample Information

Client Sample ID: GC-9A

York Sample ID: 15H0938-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:00 am

08/27/2015

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
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	08/31/2015 16:49	09/01/2015 11:21	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	08/31/2015 16:49	09/01/2015 11:21	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS



Sample Information

Client Sample ID: GC-9A

York Sample ID: 15H0938-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:00 am

08/27/2015

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
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	08/31/2015 16:49	09/01/2015 11:21	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %			69-130						
2037-26-5	Surrogate: Toluene-d8	93.4 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	102 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/29/2015 00:01	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/29/2015 00:01	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/29/2015 00:01	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH



Sample Information

Client Sample ID: GC-9A

York Sample ID: 15H0938-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:00 am

08/27/2015

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	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:55	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:55	SR
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:55	SR
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH



Sample Information

Client Sample ID: GC-9A

York Sample ID: 15H0938-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:00 am

08/27/2015

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
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:55	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:55	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:55	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:55	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:55	SR
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:55	SR
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:55	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:55	SR
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:55	SR
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:55	SR



Sample Information

Client Sample ID: GC-9A

York Sample ID: 15H0938-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:00 am

08/27/2015

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
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:55	SR
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:55	SR
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:55	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:55	SR
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:01	KH
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 10:55	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	27.9 %			10-65						
4165-62-2	Surrogate: Phenol-d5	16.1 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	53.3 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	40.2 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	52.4 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	59.0 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:47	AMC



Sample Information

Client Sample ID: GC-9A

York Sample ID: 15H0938-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 6:00 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:47	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:47	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:47	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:47	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:47	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:47	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:47	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:47	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:47	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:47	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:47	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:47	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:47	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:47	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:47	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:47	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:47	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:47	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:47	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:47	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 21:47	AMC
	Surrogate Recoveries	Result						Acceptance Range			
877-09-8	Surrogate: Tetrachloro-m-xylene	38.8 %						30-120			
2051-24-3	Surrogate: Decachlorobiphenyl	37.2 %						30-120			



Sample Information

Client Sample ID: GC-9A

York Sample ID: 15H0938-08

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 6:00 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 21:35	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 21:35	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 21:35	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 21:35	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 85.8 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.143		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:10	09/10/2015 13:53	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0530		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/08/2015 12:49	09/08/2015 17:22	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:06	09/10/2015 16:10	PAM

Sample Information

Client Sample ID: GC-10A

York Sample ID: 15H0938-09

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 5:54 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-10A

York Sample ID: 15H0938-09

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 5:54 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Nitrogen	1.80		mg/L	1.00	1.20	1	varies	09/10/2015 10:46	09/10/2015 15:41	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Nitrogen, Total-Dissolved	2.00		mg/L	1.00	1.20	1	varies	09/10/2015 10:55	09/10/2015 16:00	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
95-63-6	1,2,4-Trimethylbenzene	0.31	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS



Sample Information

Client Sample ID: GC-10A

York Sample ID: 15H0938-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 5:54 am

08/27/2015

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	160	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
67-64-1	Acetone	1.8	SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS



Sample Information

Client Sample ID: GC-10A

York Sample ID: 15H0938-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 5:54 am

08/27/2015

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
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
100-41-4	Ethyl Benzene	0.25	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
95-47-6	o-Xylene	0.24	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/01/2015 15:57	09/02/2015 02:01	SS
179601-23-1	p- & m- Xylenes	0.75	J	ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/01/2015 15:57	09/02/2015 02:01	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
108-88-3	Toluene	0.82		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS



Sample Information

Client Sample ID: GC-10A

York Sample ID: 15H0938-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 5:54 am

08/27/2015

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
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
1330-20-7	* Xylenes, Total	0.99	J	ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/01/2015 15:57	09/02/2015 02:01	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	82.2 %			69-130						
2037-26-5	Surrogate: Toluene-d8	104 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	96.3 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/29/2015 00:34	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/29/2015 00:34	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/29/2015 00:34	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH



Sample Information

Client Sample ID: GC-10A

York Sample ID: 15H0938-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 5:54 am

08/27/2015

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	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 11:27	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 11:27	SR
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 11:27	SR
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH



Sample Information

Client Sample ID: GC-10A

York Sample ID: 15H0938-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 5:54 am

08/27/2015

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
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 11:27	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 11:27	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 11:27	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 11:27	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 11:27	SR
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
117-81-7	Bis(2-ethylhexyl)phthalate	4.18		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 11:27	SR
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 11:27	SR
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
206-44-0	Fluoranthene	0.100		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 11:27	SR



Sample Information

Client Sample ID: GC-10A

York Sample ID: 15H0938-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 5:54 am

08/27/2015

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
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 11:27	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 11:27	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 11:27	SR
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/30/2015 11:27	SR
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/29/2015 00:34	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	22.7 %									
4165-62-2	Surrogate: Phenol-d5	17.6 %									
4165-60-0	Surrogate: Nitrobenzene-d5	63.6 %									
321-60-8	Surrogate: 2-Fluorobiphenyl	50.2 %									
118-79-6	Surrogate: 2,4,6-Tribromophenol	71.1 %									
1718-51-0	Surrogate: Terphenyl-d14	73.5 %									

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

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



Sample Information

Client Sample ID: GC-10A

York Sample ID: 15H0938-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 5:54 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:02	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:02	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:02	AMC
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:02	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:02	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:02	AMC
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:02	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0400	0.0400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:02	AMC
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:02	AMC
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:02	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:02	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:02	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:02	AMC
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:02	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:02	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:02	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:02	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:02	AMC
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:02	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:02	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:02	AMC
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:02	AMC
	Surrogate Recoveries	Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	46.2 %			30-120						



Sample Information

Client Sample ID: GC-10A

York Sample ID: 15H0938-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 5:54 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	40.8 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 21:50	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 21:50	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 21:50	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 21:50	SA
	Surrogate Recoveries	Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L	82.8 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.128		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:10	09/10/2015 13:53	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/08/2015 12:49	09/08/2015 17:22	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:06	09/10/2015 16:10	PAM



Sample Information

Client Sample ID: GC-1B

York Sample ID: 15H0938-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:57 am

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.60		mg/L	1.00	1.20	1	varies	09/10/2015 10:46	09/10/2015 15:41	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.50		mg/L	1.00	1.20	1	varies	09/10/2015 10:55	09/10/2015 16:00	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS



Sample Information

Client Sample ID: GC-1B

York Sample ID: 15H0938-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:57 am

08/27/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	160	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS



Sample Information

Client Sample ID: GC-1B

York Sample ID: 15H0938-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:57 am

08/27/2015

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
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/01/2015 15:57	09/02/2015 02:38	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/01/2015 15:57	09/02/2015 02:38	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS



Sample Information

Client Sample ID: GC-1B

York Sample ID: 15H0938-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:57 am

08/27/2015

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
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/01/2015 15:57	09/02/2015 02:38	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.5 %			69-130						
2037-26-5	Surrogate: Toluene-d8	97.8 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	94.8 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	09/01/2015 11:07	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	09/01/2015 11:07	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	09/01/2015 11:07	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH



Sample Information

Client Sample ID: GC-1B

York Sample ID: 15H0938-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:57 am

08/27/2015

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	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:08	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:08	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:08	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH



Sample Information

Client Sample ID: GC-1B

York Sample ID: 15H0938-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:57 am

08/27/2015

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
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:08	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:08	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:08	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:08	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:08	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:08	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:08	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:08	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:08	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:08	SR



Sample Information

Client Sample ID: GC-1B

York Sample ID: 15H0938-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:57 am

08/27/2015

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
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:08	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:08	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:08	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:08	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:08	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:07	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:08	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	33.2 %	10-65
4165-62-2	Surrogate: Phenol-d5	20.8 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	63.8 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	49.1 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	55.9 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	66.5 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:17	AMC



Sample Information

Client Sample ID: GC-1B

York Sample ID: 15H0938-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:57 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:17	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:17	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:17	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:17	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:17	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:17	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:17	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:17	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:17	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:17	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:17	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:17	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:17	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:17	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:17	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:17	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:17	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:17	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:17	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:17	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:17	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	Surrogate: Tetrachloro-m-xylene	31.3 %	30-120
2051-24-3	Surrogate: Decachlorobiphenyl	41.8 %	30-120



Sample Information

Client Sample ID: GC-1B

York Sample ID: 15H0938-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:57 am

08/27/2015

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 22:05	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 22:05	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 22:05	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 22:05	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 80.4 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.115		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:10	09/10/2015 13:53	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0530		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/08/2015 12:49	09/08/2015 17:22	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:06	09/10/2015 16:10	PAM

Sample Information

Client Sample ID: GC-2B

York Sample ID: 15H0938-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:53 am

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-2B

York Sample ID: 15H0938-11

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 8:53 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Nitrogen	2.30		mg/L	1.00	1.20	1	varies	09/10/2015 10:46	09/10/2015 15:41	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Nitrogen, Total-Dissolved	2.00		mg/L	1.00	1.20	1	varies	09/10/2015 10:55	09/10/2015 16:00	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS



Sample Information

Client Sample ID: GC-2B

York Sample ID: 15H0938-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:53 am

08/27/2015

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	160	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS



Sample Information

Client Sample ID: GC-2B

York Sample ID: 15H0938-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:53 am

08/27/2015

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
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/01/2015 15:57	09/02/2015 03:14	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/01/2015 15:57	09/02/2015 03:14	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS



Sample Information

Client Sample ID: GC-2B

York Sample ID: 15H0938-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:53 am

08/27/2015

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/01/2015 15:57	09/02/2015 03:14	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	94.3 %			69-130						
2037-26-5	Surrogate: Toluene-d8	104 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	95.9 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	09/01/2015 11:40	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	09/01/2015 11:40	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	09/01/2015 11:40	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH



Sample Information

Client Sample ID: GC-2B

York Sample ID: 15H0938-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:53 am

08/27/2015

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
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:39	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:39	SR
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH



Sample Information

Client Sample ID: GC-2B

York Sample ID: 15H0938-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:53 am

08/27/2015

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
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:39	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:39	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:39	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:39	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:39	SR
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:39	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:39	SR
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:39	SR
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:39	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH



Sample Information

Client Sample ID: GC-2B

York Sample ID: 15H0938-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:53 am

08/27/2015

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
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:39	SR
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:39	SR
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:39	SR
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:39	SR
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:40	KH
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 11:39	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	29.6 %	10-65
4165-62-2	Surrogate: Phenol-d5	19.5 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	70.3 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	55.0 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	64.7 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	64.2 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:32	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:32	AMC



Sample Information

Client Sample ID: GC-2B

York Sample ID: 15H0938-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:53 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:32	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:32	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:32	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:32	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:32	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:32	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:32	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:32	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:32	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:32	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:32	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:32	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:32	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:32	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:32	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:32	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:32	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:32	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:32	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:32	AMC
	Surrogate Recoveries	Result						Acceptance Range			
877-09-8	Surrogate: Tetrachloro-m-xylene	32.3 %						30-120			
2051-24-3	Surrogate: Decachlorobiphenyl	38.0 %						30-120			

Herbicides, Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-2B

York Sample ID: 15H0938-11

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 8:53 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 22:20	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 22:20	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 22:20	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 22:20	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 81.4 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0980		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:10	09/10/2015 13:53	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0550		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/08/2015 12:49	09/08/2015 17:22	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:06	09/10/2015 16:10	PAM

Sample Information

Client Sample ID: GC-4B

York Sample ID: 15H0938-12

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 8:38 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

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



Sample Information

Client Sample ID: GC-4B

York Sample ID: 15H0938-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:38 am

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.60		mg/L	1.00	1.20	1	varies	09/10/2015 10:46	09/10/2015 15:41	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		2.00		mg/L	1.00	1.20	1	varies	09/10/2015 10:55	09/10/2015 16:00	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS



Sample Information

Client Sample ID: GC-4B

York Sample ID: 15H0938-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:38 am

08/27/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	160	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS



Sample Information

Client Sample ID: GC-4B

York Sample ID: 15H0938-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:38 am

08/27/2015

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
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/01/2015 15:57	09/02/2015 03:50	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/01/2015 15:57	09/02/2015 03:50	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS



Sample Information

Client Sample ID: GC-4B

York Sample ID: 15H0938-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:38 am

08/27/2015

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
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/01/2015 15:57	09/02/2015 03:50	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	85.4 %			69-130						
2037-26-5	Surrogate: Toluene-d8	104 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	93.3 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 19:17	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 19:17	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 19:17	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH



Sample Information

Client Sample ID: GC-4B

York Sample ID: 15H0938-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:38 am

08/27/2015

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	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:36	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:36	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:36	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH



Sample Information

Client Sample ID: GC-4B

York Sample ID: 15H0938-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:38 am

08/27/2015

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
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:36	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:36	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:36	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:36	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
117-81-7	Bis(2-ethylhexyl)phthalate	0.615		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:36	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:36	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:36	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
206-44-0	Fluoranthene	0.0821		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:36	SR



Sample Information

Client Sample ID: GC-4B

York Sample ID: 15H0938-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:38 am

08/27/2015

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
86-73-7	Fluorene	0.0718		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:36	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:36	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:36	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:36	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:36	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:17	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	45.3 %	10-65
4165-62-2	Surrogate: Phenol-d5	38.2 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	93.0 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	73.6 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	101 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	108 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

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



Sample Information

Client Sample ID: GC-4B

York Sample ID: 15H0938-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:38 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:47	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:47	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:47	AMC
309-00-2	Aldrin	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:47	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:47	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:47	AMC
319-85-7	beta-BHC	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:47	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0432	0.0432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:47	AMC
319-86-8	delta-BHC	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:47	AMC
60-57-1	Dieldrin	ND		ug/L	0.00216	0.00216	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:47	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:47	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:47	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:47	AMC
72-20-8	Endrin	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:47	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:47	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0108	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:47	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:47	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0108	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:47	AMC
76-44-8	Heptachlor	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:47	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:47	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:47	AMC
8001-35-2	Toxaphene	ND		ug/L	0.108	0.108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 22:47	AMC
	Surrogate Recoveries	Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	45.8 %			30-120						



Sample Information

Client Sample ID: GC-4B

York Sample ID: 15H0938-12

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 8:38 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	32.5 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 22:35	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 22:35	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 22:35	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 22:35	SA
	Surrogate Recoveries	Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L	81.2 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.125		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:10	09/10/2015 13:53	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.106		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/08/2015 12:49	09/08/2015 17:22	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:06	09/10/2015 16:10	PAM



Sample Information

Client Sample ID: GC-5B

York Sample ID: 15H0938-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:45 am

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.50		mg/L	1.00	1.20	1	varies	09/10/2015 10:46	09/10/2015 15:41	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.60		mg/L	1.00	1.20	1	varies	09/10/2015 10:55	09/10/2015 16:00	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS



Sample Information

Client Sample ID: GC-5B

York Sample ID: 15H0938-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:45 am

08/27/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS



Sample Information

Client Sample ID: GC-5B

York Sample ID: 15H0938-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:45 am

08/27/2015

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
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 11:58	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 11:58	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS



Sample Information

Client Sample ID: GC-5B

York Sample ID: 15H0938-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:45 am

08/27/2015

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
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 08:33	09/02/2015 11:58	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	113 %			69-130						
2037-26-5	Surrogate: Toluene-d8	98.3 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	102 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 14:50	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 14:50	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 14:50	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH



Sample Information

Client Sample ID: GC-5B

York Sample ID: 15H0938-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:45 am

08/27/2015

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	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:49	SR
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH



Sample Information

Client Sample ID: GC-5B

York Sample ID: 15H0938-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:45 am

08/27/2015

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
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:49	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:49	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:49	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:49	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:49	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
117-81-7	Bis(2-ethylhexyl)phthalate	0.690		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:49	SR
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:49	SR
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:49	SR
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:49	SR



Sample Information

Client Sample ID: GC-5B

York Sample ID: 15H0938-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:45 am

08/27/2015

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
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:49	SR
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:49	SR
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:49	SR
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:49	SR
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:50	KH
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 14:49	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	24.7 %	10-65
4165-62-2	Surrogate: Phenol-d5	18.8 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	70.2 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	56.8 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	64.4 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	62.8 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:02	AMC



Sample Information

Client Sample ID: GC-5B

York Sample ID: 15H0938-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:45 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:02	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:02	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:02	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:02	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:02	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:02	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:02	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:02	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:02	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:02	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:02	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:02	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:02	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:02	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:02	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:02	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:02	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:02	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:02	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:02	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:02	AMC
	Surrogate Recoveries	Result						Acceptance Range			
877-09-8	Surrogate: Tetrachloro-m-xylene	32.6 %						30-120			
2051-24-3	Surrogate: Decachlorobiphenyl	39.5 %						30-120			



Sample Information

Client Sample ID: GC-5B

York Sample ID: 15H0938-13

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 8:45 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 22:50	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 22:50	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 22:50	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 22:50	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 61.8 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0910		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:10	09/10/2015 13:53	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/08/2015 12:49	09/08/2015 17:22	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:06	09/10/2015 16:10	PAM

Sample Information

Client Sample ID: GC-6B

York Sample ID: 15H0938-14

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 8:27 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-6B

York Sample ID: 15H0938-14

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 8:27 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Nitrogen	2.00		mg/L	1.00	1.20	1	varies	09/10/2015 10:46	09/10/2015 15:41	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Nitrogen, Total-Dissolved	2.00		mg/L	1.00	1.20	1	varies	09/10/2015 10:55	09/10/2015 16:00	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS



Sample Information

Client Sample ID: GC-6B

York Sample ID: 15H0938-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:27 am

08/27/2015

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
67-64-1	Acetone	2.0	SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS



Sample Information

Client Sample ID: GC-6B

York Sample ID: 15H0938-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:27 am

08/27/2015

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
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 12:25	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 12:25	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS



Sample Information

Client Sample ID: GC-6B

York Sample ID: 15H0938-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:27 am

08/27/2015

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 08:33	09/02/2015 12:25	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	120 %			69-130						
2037-26-5	Surrogate: Toluene-d8	96.5 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	99.4 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 11:26	09/01/2015 16:26	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 11:26	09/01/2015 16:26	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 11:26	09/01/2015 16:26	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH



Sample Information

Client Sample ID: GC-6B

York Sample ID: 15H0938-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:27 am

08/27/2015

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
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 17:42	SR
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 17:42	SR
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 17:42	SR
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH



Sample Information

Client Sample ID: GC-6B

York Sample ID: 15H0938-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:27 am

08/27/2015

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
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 17:42	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 17:42	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 17:42	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 17:42	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 17:42	SR
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 17:42	SR
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 17:42	SR
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 17:42	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH



Sample Information

Client Sample ID: GC-6B

York Sample ID: 15H0938-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:27 am

08/27/2015

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
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 17:42	SR
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 17:42	SR
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 17:42	SR
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 17:42	SR
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:26	KH
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 17:42	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	19.2 %	10-65
4165-62-2	Surrogate: Phenol-d5	13.8 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	52.7 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	39.9 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	50.5 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	58.0 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:17	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:17	AMC



Sample Information

Client Sample ID: GC-6B

York Sample ID: 15H0938-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:27 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:17	AMC
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:17	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:17	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:17	AMC
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:17	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0400	0.0400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:17	AMC
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:17	AMC
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:17	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:17	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:17	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:17	AMC
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:17	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:17	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:17	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:17	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:17	AMC
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:17	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:17	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:17	AMC
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:17	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	39.9 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	41.4 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-6B

York Sample ID: 15H0938-14

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 8:27 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 23:05	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 23:05	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 23:05	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 23:05	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 84.8 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:10	09/10/2015 13:53	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	ND		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/08/2015 12:49	09/08/2015 17:22	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:06	09/10/2015 16:10	PAM

Sample Information

Client Sample ID: GC-7B

York Sample ID: 15H0938-15

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 8:20 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

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



Sample Information

Client Sample ID: GC-7B

York Sample ID: 15H0938-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:20 am

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		4.60		mg/L	1.00	1.20	1	varies	09/10/2015 10:46	09/10/2015 15:41	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.60		mg/L	1.00	1.20	1	varies	09/10/2015 10:55	09/10/2015 16:00	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS



Sample Information

Client Sample ID: GC-7B

York Sample ID: 15H0938-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:20 am

08/27/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
67-64-1	Acetone	1.9	SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
107-02-8	Acrolein	3.5	CCV-E, SCAL-E	ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS



Sample Information

Client Sample ID: GC-7B

York Sample ID: 15H0938-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:20 am

08/27/2015

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 12:52	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 12:52	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS



Sample Information

Client Sample ID: GC-7B

York Sample ID: 15H0938-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:20 am

08/27/2015

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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 08:33	09/02/2015 12:52	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	120 %			69-130						
2037-26-5	Surrogate: Toluene-d8	94.5 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	94.2 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 15:58	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 15:58	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 15:58	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH



Sample Information

Client Sample ID: GC-7B

York Sample ID: 15H0938-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:20 am

08/27/2015

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
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:53	SR
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:53	SR
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH



Sample Information

Client Sample ID: GC-7B

York Sample ID: 15H0938-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:20 am

08/27/2015

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
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:53	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:53	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:53	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:53	SR
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:53	SR
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:53	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:53	SR
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH



Sample Information

Client Sample ID: GC-7B

York Sample ID: 15H0938-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:20 am

08/27/2015

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
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:53	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:53	SR
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:53	SR
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:53	SR
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:58	KH
129-00-0	Pyrene	0.100		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 15:53	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	18.4 %	10-65
4165-62-2	Surrogate: Phenol-d5	17.5 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	58.0 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	46.0 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	60.4 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	60.7 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

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



Sample Information

Client Sample ID: GC-7B

York Sample ID: 15H0938-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:20 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:32	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:32	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:32	AMC
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:32	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:32	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:32	AMC
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:32	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0400	0.0400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:32	AMC
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:32	AMC
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:32	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:32	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:32	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:32	AMC
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:32	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:32	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:32	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:32	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:32	AMC
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:32	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:32	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:32	AMC
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:32	AMC
	Surrogate Recoveries	Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	43.4 %			30-120						



Sample Information

Client Sample ID: GC-7B

York Sample ID: 15H0938-15

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 8:20 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	32.4 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 23:20	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 23:20	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 23:20	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 23:20	SA
	Surrogate Recoveries	Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L	89.4 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0910		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:24	09/10/2015 13:59	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.102		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/08/2015 12:49	09/08/2015 17:22	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:06	09/10/2015 16:10	PAM



Sample Information

Client Sample ID: GC-8B

York Sample ID: 15H0938-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:13 am

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.90		mg/L	1.00	1.20	1	varies	09/10/2015 10:46	09/10/2015 15:41	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.80		mg/L	1.00	1.20	1	varies	09/10/2015 10:55	09/10/2015 16:00	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS



Sample Information

Client Sample ID: GC-8B

York Sample ID: 15H0938-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:13 am

08/27/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
67-64-1	Acetone	1.5	SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
107-02-8	Acrolein	2.1	CCV-E, SCAL-E	ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS



Sample Information

Client Sample ID: GC-8B

York Sample ID: 15H0938-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:13 am

08/27/2015

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 13:20	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 13:20	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS



Sample Information

Client Sample ID: GC-8B

York Sample ID: 15H0938-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:13 am

08/27/2015

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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 08:33	09/02/2015 13:20	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	115 %			69-130						
2037-26-5	Surrogate: Toluene-d8	95.6 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	97.8 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 11:26	09/01/2015 16:59	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 11:26	09/01/2015 16:59	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 11:26	09/01/2015 16:59	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH



Sample Information

Client Sample ID: GC-8B

York Sample ID: 15H0938-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:13 am

08/27/2015

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
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:14	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:14	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:14	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH



Sample Information

Client Sample ID: GC-8B

York Sample ID: 15H0938-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:13 am

08/27/2015

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
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:14	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:14	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:14	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:14	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:14	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
117-81-7	Bis(2-ethylhexyl)phthalate	1.06		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:14	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:14	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:14	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH



Sample Information

Client Sample ID: GC-8B

York Sample ID: 15H0938-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:13 am

08/27/2015

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
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:14	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:14	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:14	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:14	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:14	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 16:59	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:14	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	19.1 %	10-65
4165-62-2	Surrogate: Phenol-d5	13.6 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	54.7 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	42.8 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	53.6 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	61.6 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

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



Sample Information

Client Sample ID: GC-8B

York Sample ID: 15H0938-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:13 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:47	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:47	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:47	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:47	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:47	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:47	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:47	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:47	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:47	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:47	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:47	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:47	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:47	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:47	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:47	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:47	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:47	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:47	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:47	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:47	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:47	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	09/01/2015 23:47	AMC

Surrogate Recoveries

Result

Acceptance Range

877-09-8

Surrogate: Tetrachloro-m-xylene

46.7 %

30-120



Sample Information

Client Sample ID: GC-8B

York Sample ID: 15H0938-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:13 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	46.4 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 23:50	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 23:50	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 23:50	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	08/31/2015 23:50	SA
	Surrogate Recoveries	Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L	83.8 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0870		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:24	09/10/2015 13:59	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0610		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/08/2015 12:49	09/08/2015 17:22	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:06	09/10/2015 16:10	PAM



Sample Information

Client Sample ID: GC-9B

York Sample ID: 15H0938-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:00 am

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.90		mg/L	1.00	1.20	1	varies	09/10/2015 10:46	09/10/2015 15:41	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.90		mg/L	1.00	1.20	1	varies	09/10/2015 10:55	09/10/2015 16:00	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS



Sample Information

Client Sample ID: GC-9B

York Sample ID: 15H0938-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:00 am

08/27/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
67-64-1	Acetone	2.3	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
107-02-8	Acrolein	4.5	CCV-E, SCAL-E	ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS



Sample Information

Client Sample ID: GC-9B

York Sample ID: 15H0938-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:00 am

08/27/2015

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 13:47	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 13:47	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS



Sample Information

Client Sample ID: GC-9B

York Sample ID: 15H0938-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:00 am

08/27/2015

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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 08:33	09/02/2015 13:47	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	120 %			69-130						
2037-26-5	Surrogate: Toluene-d8	94.5 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	99.2 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 11:26	09/02/2015 09:50	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 11:26	09/02/2015 09:50	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 11:26	09/02/2015 09:50	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH



Sample Information

Client Sample ID: GC-9B

York Sample ID: 15H0938-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:00 am

08/27/2015

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
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
83-32-9	Acenaphthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:45	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:45	SR
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
120-12-7	Anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:45	SR
1912-24-9	Atrazine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:45	SR



Sample Information

Client Sample ID: GC-9B

York Sample ID: 15H0938-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:00 am

08/27/2015

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
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
92-87-5	Benzidine	ND		ug/L	11.1	22.2	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:45	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:45	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:45	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:45	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:45	SR
65-85-0	Benzoic acid	ND		ug/L	27.8	55.6	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:45	SR
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
218-01-9	Chrysene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:45	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:45	SR
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
206-44-0	Fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:45	SR



Sample Information

Client Sample ID: GC-9B

York Sample ID: 15H0938-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:00 am

08/27/2015

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
86-73-7	Fluorene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:45	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	0.0222	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:45	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:45	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
67-72-1	Hexachloroethane	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:45	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	09/01/2015 11:26	09/01/2015 18:45	SR
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
91-20-3	Naphthalene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:45	SR
98-95-3	Nitrobenzene	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:45	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:45	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:45	SR
85-01-8	Phenanthrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:45	SR
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 09:50	KH
129-00-0	Pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 18:45	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	28.1 %	10-65
4165-62-2	Surrogate: Phenol-d5	15.0 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	53.4 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	43.4 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	57.0 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	62.8 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

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



Sample Information

Client Sample ID: GC-9B

York Sample ID: 15H0938-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:00 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:02	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:02	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:02	AMC
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:02	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:02	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:02	AMC
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:02	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0400	0.0400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:02	AMC
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:02	AMC
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:02	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:02	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:02	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:02	AMC
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:02	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:02	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:02	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:02	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:02	AMC
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:02	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:02	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:02	AMC
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:02	AMC

Surrogate Recoveries

Result

Acceptance Range

877-09-8

Surrogate: Tetrachloro-m-xylene

46.1 %

30-120



Sample Information

Client Sample ID: GC-9B

York Sample ID: 15H0938-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 8:00 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	50.1 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	09/01/2015 00:05	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	09/01/2015 00:05	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	09/01/2015 00:05	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	09/01/2015 00:05	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L	82.0 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.132		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:24	09/10/2015 13:59	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.136		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/08/2015 12:49	09/08/2015 17:22	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:06	09/10/2015 16:10	PAM



Sample Information

Client Sample ID: GC-10B

York Sample ID: 15H0938-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 7:52 am

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.70		mg/L	1.00	1.20	1	varies	09/10/2015 10:46	09/10/2015 15:41	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.90		mg/L	1.00	1.20	1	varies	09/10/2015 10:55	09/10/2015 16:00	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS



Sample Information

Client Sample ID: GC-10B

York Sample ID: 15H0938-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 7:52 am

08/27/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
67-64-1	Acetone	2.5	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
107-02-8	Acrolein	3.4	CCV-E, SCAL-E	ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
156-59-2	cis-1,2-Dichloroethylene	0.91		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS



Sample Information

Client Sample ID: GC-10B

York Sample ID: 15H0938-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 7:52 am

08/27/2015

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 14:14	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 14:14	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
108-88-3	Toluene	0.88		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS



Sample Information

Client Sample ID: GC-10B

York Sample ID: 15H0938-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 7:52 am

08/27/2015

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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 08:33	09/02/2015 14:14	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	114 %			69-130						
2037-26-5	Surrogate: Toluene-d8	93.9 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	99.8 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 17:38	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 17:38	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 17:38	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH



Sample Information

Client Sample ID: GC-10B

York Sample ID: 15H0938-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 7:52 am

08/27/2015

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
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:28	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:28	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:28	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH



Sample Information

Client Sample ID: GC-10B

York Sample ID: 15H0938-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 7:52 am

08/27/2015

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
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:28	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:28	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:28	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:28	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:28	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
117-81-7	Bis(2-ethylhexyl)phthalate	0.646		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:28	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH



Sample Information

Client Sample ID: GC-10B

York Sample ID: 15H0938-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 7:52 am

08/27/2015

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
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:28	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:28	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:28	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:38	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:28	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	20.1 %	10-65
4165-62-2	Surrogate: Phenol-d5	10.1 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	62.7 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	47.3 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	61.9 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	75.5 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

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



Sample Information

Client Sample ID: GC-10B

York Sample ID: 15H0938-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 7:52 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:17	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:17	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:17	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:17	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:17	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:17	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:17	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:17	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:17	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:17	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:17	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:17	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:17	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:17	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:17	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:17	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:17	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:17	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:17	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:17	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:17	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:17	AMC

Surrogate Recoveries

Result

Acceptance Range

877-09-8

Surrogate: Tetrachloro-m-xylene

47.4 %

30-120



Sample Information

Client Sample ID: GC-10B

York Sample ID: 15H0938-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 7:52 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	64.1 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	09/01/2015 00:20	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	09/01/2015 00:20	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	09/01/2015 00:20	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	09/01/2015 00:20	SA
	Surrogate Recoveries	Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L	83.4 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.119		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:24	09/10/2015 13:59	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0610		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/08/2015 12:49	09/08/2015 17:22	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:06	09/10/2015 16:10	PAM



Sample Information

Client Sample ID: GC-1C

York Sample ID: 15H0938-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 11:04 am

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		ND		mg/L	1.00	1.20	1	varies Certifications:	09/10/2015 10:46	09/10/2015 15:41	PAM

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		ND		mg/L	1.00	1.20	1	varies Certifications:	09/10/2015 10:55	09/10/2015 16:00	PAM

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS



Sample Information

Client Sample ID: GC-1C

York Sample ID: 15H0938-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 11:04 am

08/27/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
67-64-1	Acetone	1.9	SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
107-02-8	Acrolein	3.5	CCV-E, SCAL-E	ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS



Sample Information

Client Sample ID: GC-1C

York Sample ID: 15H0938-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 11:04 am

08/27/2015

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 14:41	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 14:41	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS



Sample Information

Client Sample ID: GC-1C

York Sample ID: 15H0938-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 11:04 am

08/27/2015

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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 08:33	09/02/2015 14:41	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	114 %			69-130						
2037-26-5	Surrogate: Toluene-d8	95.3 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	97.1 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 18:11	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 18:11	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 18:11	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH



Sample Information

Client Sample ID: GC-1C

York Sample ID: 15H0938-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 11:04 am

08/27/2015

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
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:59	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:59	SR
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:59	SR
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:59	SR



Sample Information

Client Sample ID: GC-1C

York Sample ID: 15H0938-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 11:04 am

08/27/2015

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
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:59	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:59	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:59	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:59	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:59	SR
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
117-81-7	Bis(2-ethylhexyl)phthalate	0.540		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:59	SR
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:59	SR
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:59	SR



Sample Information

Client Sample ID: GC-1C

York Sample ID: 15H0938-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 11:04 am

08/27/2015

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
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:59	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:59	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:59	SR
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 17:59	SR
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:11	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	22.6 %	10-65
4165-62-2	Surrogate: Phenol-d5	7.17 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	57.1 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	48.8 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	72.6 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	76.8 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

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



Sample Information

Client Sample ID: GC-1C

York Sample ID: 15H0938-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 11:04 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:32	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:32	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:32	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:32	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:32	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:32	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:32	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:32	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:32	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:32	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:32	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:32	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:32	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:32	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:32	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:32	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:32	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:32	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:32	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:32	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:32	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:32	AMC
	Surrogate Recoveries	Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	37.2 %			30-120						



Sample Information

Client Sample ID: GC-1C

York Sample ID: 15H0938-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 11:04 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	58.0 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	09/01/2015 00:35	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	09/01/2015 00:35	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	09/01/2015 00:35	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	09/01/2015 00:35	SA
	Surrogate Recoveries	Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L	79.4 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.128		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:24	09/10/2015 13:59	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0570		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/08/2015 12:49	09/08/2015 17:22	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:06	09/10/2015 16:10	PAM



Sample Information

Client Sample ID: GC-2C

York Sample ID: 15H0938-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:58 am

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		ND		mg/L	1.00	1.20	1	varies Certifications:	09/10/2015 10:46	09/10/2015 15:41	PAM

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		ND		mg/L	1.00	1.20	1	varies Certifications:	09/10/2015 10:55	09/10/2015 16:00	PAM

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS



Sample Information

Client Sample ID: GC-2C

York Sample ID: 15H0938-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:58 am

08/27/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
67-64-1	Acetone	2.4	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
107-02-8	Acrolein	4.1	CCV-E, SCAL-E	ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS



Sample Information

Client Sample ID: GC-2C

York Sample ID: 15H0938-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:58 am

08/27/2015

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 15:09	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 15:09	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS



Sample Information

Client Sample ID: GC-2C

York Sample ID: 15H0938-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:58 am

08/27/2015

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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 08:33	09/02/2015 15:09	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %			69-130						
2037-26-5	Surrogate: Toluene-d8	95.6 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	95.9 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 18:44	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 18:44	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 18:44	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH



Sample Information

Client Sample ID: GC-2C

York Sample ID: 15H0938-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:58 am

08/27/2015

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
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
83-32-9	Acenaphthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:31	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:31	SR
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
120-12-7	Anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:31	SR
1912-24-9	Atrazine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:31	SR



Sample Information

Client Sample ID: GC-2C

York Sample ID: 15H0938-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:58 am

08/27/2015

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
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
92-87-5	Benzidine	ND		ug/L	11.1	22.2	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:31	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:31	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:31	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:31	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:31	SR
65-85-0	Benzoic acid	ND		ug/L	27.8	55.6	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
218-01-9	Chrysene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:31	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:31	SR
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
206-44-0	Fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:31	SR



Sample Information

Client Sample ID: GC-2C

York Sample ID: 15H0938-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:58 am

08/27/2015

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
86-73-7	Fluorene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:31	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	0.0222	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
67-72-1	Hexachloroethane	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:31	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	08/31/2015 08:18	08/31/2015 18:31	SR
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
91-20-3	Naphthalene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:31	SR
98-95-3	Nitrobenzene	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:31	SR
85-01-8	Phenanthrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:31	SR
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:44	KH
129-00-0	Pyrene	0.144		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 18:31	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	28.7 %	10-65
4165-62-2	Surrogate: Phenol-d5	16.4 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	76.5 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	60.4 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	82.1 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	83.9 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

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



Sample Information

Client Sample ID: GC-2C

York Sample ID: 15H0938-21

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 10:58 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:47	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:47	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:47	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:47	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:47	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:47	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:47	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:47	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:47	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:47	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:47	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:47	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:47	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:47	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:47	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:47	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:47	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:47	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:47	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:47	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:47	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 00:47	AMC

Surrogate Recoveries

Result

Acceptance Range

877-09-8 Surrogate: Tetrachloro-m-xylene 29.3 %

30-120



Sample Information

Client Sample ID: GC-2C

York Sample ID: 15H0938-21

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 10:58 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	35.8 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	09/01/2015 00:50	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	09/01/2015 00:50	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	09/01/2015 00:50	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 04:46	09/01/2015 00:50	SA
	Surrogate Recoveries	Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L)	64.8 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.143		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:24	09/10/2015 13:59	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.109		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 13:55	09/09/2015 14:00	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:06	09/10/2015 16:10	PAM



Sample Information

Client Sample ID: GC-4C

York Sample ID: 15H0938-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:44 am

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.20		mg/L	1.00	1.20	1	varies	09/10/2015 10:48	09/10/2015 15:51	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.90		mg/L	1.00	1.20	1	varies	09/10/2015 11:03	09/10/2015 16:04	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 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,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS



Sample Information

Client Sample ID: GC-4C

York Sample ID: 15H0938-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:44 am

08/27/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
67-64-1	Acetone	2.3	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS



Sample Information

Client Sample ID: GC-4C

York Sample ID: 15H0938-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:44 am

08/27/2015

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
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 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,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 15:36	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 15:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS



Sample Information

Client Sample ID: GC-4C

York Sample ID: 15H0938-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:44 am

08/27/2015

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
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 08:33	09/02/2015 15:36	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	117 %			69-130						
2037-26-5	Surrogate: Toluene-d8	93.5 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	102 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 19:50	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 19:50	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 19:50	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH



Sample Information

Client Sample ID: GC-4C

York Sample ID: 15H0938-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:44 am

08/27/2015

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	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:07	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:07	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:07	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH



Sample Information

Client Sample ID: GC-4C

York Sample ID: 15H0938-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:44 am

08/27/2015

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
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:07	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:07	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:07	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:07	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:07	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
117-81-7	Bis(2-ethylhexyl)phthalate	1.58		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:07	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:07	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:07	SR



Sample Information

Client Sample ID: GC-4C

York Sample ID: 15H0938-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:44 am

08/27/2015

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
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:07	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:07	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:07	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:07	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 19:50	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	35.4 %			10-65						
4165-62-2	Surrogate: Phenol-d5	29.6 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	75.4 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	57.5 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	79.9 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	87.1 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:02	AMC



Sample Information

Client Sample ID: GC-4C

York Sample ID: 15H0938-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:44 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:02	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:02	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:02	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:02	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:02	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:02	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:02	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:02	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:02	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:02	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:02	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:02	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:02	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:02	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:02	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:02	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:02	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:02	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:02	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:02	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:02	AMC
	Surrogate Recoveries	Result						Acceptance Range			
877-09-8	Surrogate: Tetrachloro-m-xylene	37.6 %						30-120			
2051-24-3	Surrogate: Decachlorobiphenyl	62.5 %						30-120			



Sample Information

Client Sample ID: GC-4C

York Sample ID: 15H0938-22

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 10:44 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 18:08	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 18:08	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 18:08	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 18:08	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 78.2 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.132		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:24	09/09/2015 13:59	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.226		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 13:55	09/09/2015 14:00	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:08	09/10/2015 16:13	PAM

Sample Information

Client Sample ID: GC-5C

York Sample ID: 15H0938-23

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 10:52 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-5C

York Sample ID: 15H0938-23

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 10:52 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.00		mg/L	1.00	1.20	1	varies	09/10/2015 10:48	09/10/2015 15:51	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.90		mg/L	1.00	1.20	1	varies	09/10/2015 11:03	09/10/2015 16:04	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS



Sample Information

Client Sample ID: GC-5C

York Sample ID: 15H0938-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:52 am

08/27/2015

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS



Sample Information

Client Sample ID: GC-5C

York Sample ID: 15H0938-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:52 am

08/27/2015

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
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 16:03	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 16:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS



Sample Information

Client Sample ID: GC-5C

York Sample ID: 15H0938-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:52 am

08/27/2015

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 08:33	09/02/2015 16:03	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	117 %			69-130						
2037-26-5	Surrogate: Toluene-d8	95.8 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	99.5 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 11:26	09/02/2015 10:23	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 11:26	09/02/2015 10:23	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 11:26	09/02/2015 10:23	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH



Sample Information

Client Sample ID: GC-5C

York Sample ID: 15H0938-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:52 am

08/27/2015

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
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:17	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:17	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:17	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:17	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH



Sample Information

Client Sample ID: GC-5C

York Sample ID: 15H0938-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:52 am

08/27/2015

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
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:17	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:17	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:17	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:17	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:17	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:17	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:17	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:17	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:17	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:17	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:17	SR



Sample Information

Client Sample ID: GC-5C

York Sample ID: 15H0938-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:52 am

08/27/2015

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
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:17	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:17	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:17	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:17	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:17	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:17	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:17	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:17	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/02/2015 10:23	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:17	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	27.6 %	10-65
4165-62-2	Surrogate: Phenol-d5	19.7 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	73.4 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	56.8 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	70.9 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	73.5 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:17	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:17	AMC



Sample Information

Client Sample ID: GC-5C

York Sample ID: 15H0938-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:52 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

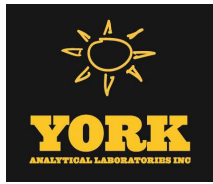
Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:17	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:17	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:17	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:17	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:17	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:17	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:17	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:17	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:17	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:17	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:17	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:17	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:17	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:17	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:17	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:17	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:17	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:17	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:17	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:17	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	33.1 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	43.8 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-5C

York Sample ID: 15H0938-23

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 10:52 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 18:23	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 18:23	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 18:23	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 18:23	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 75.0 %)				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.121		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:24	09/10/2015 13:59	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.162		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 13:55	09/09/2015 14:00	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:08	09/10/2015 16:13	PAM

Sample Information

Client Sample ID: GC-6C

York Sample ID: 15H0938-24

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 10:32 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

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



Sample Information

Client Sample ID: GC-6C

York Sample ID: 15H0938-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:32 am

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.40		mg/L	1.00	1.20	1	varies	09/10/2015 10:48	09/10/2015 15:51	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.80		mg/L	1.00	1.20	1	varies	09/10/2015 11:03	09/10/2015 16:04	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS



Sample Information

Client Sample ID: GC-6C

York Sample ID: 15H0938-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:32 am

08/27/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
67-64-1	Acetone	2.5	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
107-02-8	Acrolein	6.0	SCAL-E, CCV-E	ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS



Sample Information

Client Sample ID: GC-6C

York Sample ID: 15H0938-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:32 am

08/27/2015

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 16:30	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 16:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS



Sample Information

Client Sample ID: GC-6C

York Sample ID: 15H0938-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:32 am

08/27/2015

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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 08:33	09/02/2015 16:30	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	119 %			69-130						
2037-26-5	Surrogate: Toluene-d8	95.4 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	102 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 20:57	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 20:57	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 20:57	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH



Sample Information

Client Sample ID: GC-6C

York Sample ID: 15H0938-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:32 am

08/27/2015

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
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:10	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:10	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:10	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH



Sample Information

Client Sample ID: GC-6C

York Sample ID: 15H0938-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:32 am

08/27/2015

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
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:10	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:10	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:10	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:10	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:10	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
117-81-7	Bis(2-ethylhexyl)phthalate	0.749		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:10	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:10	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:10	SR



Sample Information

Client Sample ID: GC-6C

York Sample ID: 15H0938-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:32 am

08/27/2015

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
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:10	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:10	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:10	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:10	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 20:57	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:10	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	25.7 %									
4165-62-2	Surrogate: Phenol-d5	16.7 %									
4165-60-0	Surrogate: Nitrobenzene-d5	58.7 %									
321-60-8	Surrogate: 2-Fluorobiphenyl	43.4 %									
118-79-6	Surrogate: 2,4,6-Tribromophenol	62.2 %									
1718-51-0	Surrogate: Terphenyl-d14	72.0 %									

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

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



Sample Information

Client Sample ID: GC-6C

York Sample ID: 15H0938-24

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 10:32 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:32	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:32	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:32	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:32	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:32	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:32	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:32	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:32	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:32	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:32	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:32	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:32	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:32	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:32	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:32	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:32	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:32	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:32	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:32	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:32	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:32	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:32	AMC
	Surrogate Recoveries	Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	31.1 %			30-120						



Sample Information

Client Sample ID: GC-6C

York Sample ID: 15H0938-24

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 10:32 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	43.9 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 18:38	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 18:38	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 18:38	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 18:38	SA
	Surrogate Recoveries	Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L	81.2 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.153		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:24	09/10/2015 13:59	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.119		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 13:55	09/09/2015 14:00	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:08	09/10/2015 16:13	PAM



Sample Information

Client Sample ID: GC-7C

York Sample ID: 15H0938-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:25 am

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.60		mg/L	1.00	1.20	1	varies	09/10/2015 10:48	09/10/2015 15:51	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.80		mg/L	1.00	1.20	1	varies	09/10/2015 11:03	09/10/2015 16:04	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS



Sample Information

Client Sample ID: GC-7C

York Sample ID: 15H0938-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:25 am

08/27/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
67-64-1	Acetone	2.0	SCAL- E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
107-02-8	Acrolein	2.6	CCV-E, SCAL- E	ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS



Sample Information

Client Sample ID: GC-7C

York Sample ID: 15H0938-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:25 am

08/27/2015

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 16:58	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 16:58	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS



Sample Information

Client Sample ID: GC-7C

York Sample ID: 15H0938-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:25 am

08/27/2015

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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 08:33	09/02/2015 16:58	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	116 %			69-130						
2037-26-5	Surrogate: Toluene-d8	95.1 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	102 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 21:30	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 21:30	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 21:30	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH



Sample Information

Client Sample ID: GC-7C

York Sample ID: 15H0938-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:25 am

08/27/2015

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
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:41	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:41	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:41	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:41	SR



Sample Information

Client Sample ID: GC-7C

York Sample ID: 15H0938-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:25 am

08/27/2015

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
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:41	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:41	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:41	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:41	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:41	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
117-81-7	Bis(2-ethylhexyl)phthalate	4.41		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:41	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:41	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:41	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:41	SR



Sample Information

Client Sample ID: GC-7C

York Sample ID: 15H0938-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:25 am

08/27/2015

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
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:41	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:41	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:41	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:41	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:41	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:41	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 21:30	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:41	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	17.2 %	10-65
4165-62-2	Surrogate: Phenol-d5	14.0 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	49.9 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	37.7 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	54.1 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	66.1 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

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



Sample Information

Client Sample ID: GC-7C

York Sample ID: 15H0938-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:25 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:47	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:47	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:47	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:47	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:47	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:47	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:47	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:47	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:47	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:47	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:47	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:47	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:47	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:47	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:47	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:47	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:47	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:47	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:47	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:47	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:47	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 01:47	AMC

Surrogate Recoveries

Result

Acceptance Range

877-09-8

Surrogate: Tetrachloro-m-xylene

32.1 %

30-120



Sample Information

Client Sample ID: GC-7C

York Sample ID: 15H0938-25

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 10:25 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	40.3 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 18:53	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 18:53	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 18:53	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 18:53	SA
	Surrogate Recoveries	Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L	88.4 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.123		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:24	09/10/2015 13:59	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.132		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 13:55	09/09/2015 14:00	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:08	09/10/2015 16:13	PAM



Sample Information

Client Sample ID: GC-8C

York Sample ID: 15H0938-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:18 am

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.80		mg/L	1.00	1.20	1	varies	09/10/2015 10:48	09/10/2015 15:51	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.90		mg/L	1.00	1.20	1	varies	09/10/2015 11:03	09/10/2015 16:04	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS



Sample Information

Client Sample ID: GC-8C

York Sample ID: 15H0938-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:18 am

08/27/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS



Sample Information

Client Sample ID: GC-8C

York Sample ID: 15H0938-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:18 am

08/27/2015

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
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 17:25	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 17:25	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS



Sample Information

Client Sample ID: GC-8C

York Sample ID: 15H0938-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:18 am

08/27/2015

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
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 08:33	09/02/2015 17:25	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	116 %			69-130						
2037-26-5	Surrogate: Toluene-d8	96.9 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	99.5 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 22:03	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 22:03	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 22:03	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH



Sample Information

Client Sample ID: GC-8C

York Sample ID: 15H0938-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:18 am

08/27/2015

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	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:13	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:13	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:13	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:13	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH



Sample Information

Client Sample ID: GC-8C

York Sample ID: 15H0938-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:18 am

08/27/2015

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
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:13	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:13	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:13	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:13	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:13	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:13	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:13	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:13	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:13	SR



Sample Information

Client Sample ID: GC-8C

York Sample ID: 15H0938-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:18 am

08/27/2015

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
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:13	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:13	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:13	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:13	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:13	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 22:03	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:13	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	23.6 %	10-65
4165-62-2	Surrogate: Phenol-d5	17.7 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	60.9 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	51.0 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	65.1 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	74.8 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:02	AMC



Sample Information

Client Sample ID: GC-8C

York Sample ID: 15H0938-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:18 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:02	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:02	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:02	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:02	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:02	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:02	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:02	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:02	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:02	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:02	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:02	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:02	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:02	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:02	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:02	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:02	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:02	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:02	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:02	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:02	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:02	AMC
	Surrogate Recoveries	Result						Acceptance Range			
877-09-8	Surrogate: Tetrachloro-m-xylene	43.4 %						30-120			
2051-24-3	Surrogate: Decachlorobiphenyl	51.2 %						30-120			



Sample Information

Client Sample ID: GC-8C

York Sample ID: 15H0938-26

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 10:18 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 19:08	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 19:08	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 19:08	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 19:08	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 79.0 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.181		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:24	09/09/2015 13:59	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.138		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 13:55	09/09/2015 14:00	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:08	09/10/2015 16:13	PAM

Sample Information

Client Sample ID: GC-9C

York Sample ID: 15H0938-27

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 10:08 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-9C

York Sample ID: 15H0938-27

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 10:08 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Nitrogen	1.80		mg/L	1.00	1.20	1	varies	09/10/2015 10:48	09/10/2015 15:51	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Nitrogen, Total-Dissolved	2.10		mg/L	1.00	1.20	1	varies	09/10/2015 11:03	09/10/2015 16:04	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS



Sample Information

Client Sample ID: GC-9C

York Sample ID: 15H0938-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:08 am

08/27/2015

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
67-64-1	Acetone	3.0	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
107-02-8	Acrolein	4.3	CCV-E, SCAL-E	ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
156-59-2	cis-1,2-Dichloroethylene	0.65		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS



Sample Information

Client Sample ID: GC-9C

York Sample ID: 15H0938-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:08 am

08/27/2015

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
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 17:52	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 17:52	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
108-88-3	Toluene	0.92		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS



Sample Information

Client Sample ID: GC-9C

York Sample ID: 15H0938-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:08 am

08/27/2015

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
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 08:33	09/02/2015 17:52	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	118 %			69-130						
2037-26-5	Surrogate: Toluene-d8	97.6 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	99.5 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 11:26	09/03/2015 12:07	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 11:26	09/03/2015 12:07	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 11:26	09/03/2015 12:07	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH



Sample Information

Client Sample ID: GC-9C

York Sample ID: 15H0938-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:08 am

08/27/2015

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	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:48	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:48	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:48	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:48	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH



Sample Information

Client Sample ID: GC-9C

York Sample ID: 15H0938-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:08 am

08/27/2015

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
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:48	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:48	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:48	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:48	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:48	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
117-81-7	Bis(2-ethylhexyl)phthalate	6.12		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:48	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:48	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:48	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:48	SR



Sample Information

Client Sample ID: GC-9C

York Sample ID: 15H0938-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:08 am

08/27/2015

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
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:48	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:48	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:48	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:48	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:48	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:48	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:48	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:48	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:48	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/03/2015 12:07	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 11:26	09/01/2015 19:48	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	34.0 %	10-65
4165-62-2	Surrogate: Phenol-d5	18.9 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	71.4 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	55.7 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	71.8 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	72.4 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:17	AMC



Sample Information

Client Sample ID: GC-9C

York Sample ID: 15H0938-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 10:08 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:17	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:17	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:17	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:17	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:17	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:17	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:17	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:17	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:17	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:17	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:17	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:17	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:17	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:17	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:17	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:17	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:17	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:17	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:17	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:17	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:17	AMC
	Surrogate Recoveries	Result						Acceptance Range			
877-09-8	Surrogate: Tetrachloro-m-xylene	38.0 %						30-120			
2051-24-3	Surrogate: Decachlorobiphenyl	47.6 %						30-120			



Sample Information

Client Sample ID: GC-9C

York Sample ID: 15H0938-27

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 10:08 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 19:23	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 19:23	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 19:23	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 19:23	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 80.2 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.188		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:24	09/09/2015 13:59	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.170		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 13:55	09/09/2015 14:00	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:08	09/10/2015 16:13	PAM

Sample Information

Client Sample ID: GC-10C

York Sample ID: 15H0938-28

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 9:48 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-10C

York Sample ID: 15H0938-28

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 9:48 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.90		mg/L	1.00	1.20	1	varies	09/10/2015 10:48	09/10/2015 15:51	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		2.00		mg/L	1.00	1.20	1	varies	09/10/2015 11:03	09/10/2015 16:04	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS



Sample Information

Client Sample ID: GC-10C

York Sample ID: 15H0938-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 9:48 am

08/27/2015

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
67-64-1	Acetone	3.5	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
156-59-2	cis-1,2-Dichloroethylene	0.47	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS



Sample Information

Client Sample ID: GC-10C

York Sample ID: 15H0938-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 9:48 am

08/27/2015

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
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 18:19	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 18:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
108-88-3	Toluene	0.94		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS



Sample Information

Client Sample ID: GC-10C

York Sample ID: 15H0938-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 9:48 am

08/27/2015

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
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 08:33	09/02/2015 18:19	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	115 %			69-130						
2037-26-5	Surrogate: Toluene-d8	95.7 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	99.8 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 23:09	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 23:09	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 23:09	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH



Sample Information

Client Sample ID: GC-10C

York Sample ID: 15H0938-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 9:48 am

08/27/2015

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	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:16	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:16	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:16	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:16	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH



Sample Information

Client Sample ID: GC-10C

York Sample ID: 15H0938-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 9:48 am

08/27/2015

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
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:16	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:16	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:16	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:16	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:16	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:16	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:16	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:16	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:16	SR



Sample Information

Client Sample ID: GC-10C

York Sample ID: 15H0938-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 9:48 am

08/27/2015

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
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:16	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:16	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:16	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:16	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:09	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:16	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	21.9 %	10-65
4165-62-2	Surrogate: Phenol-d5	16.5 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	58.0 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	43.4 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	54.4 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	65.0 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:47	AMC



Sample Information

Client Sample ID: GC-10C

York Sample ID: 15H0938-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 9:48 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:47	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:47	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:47	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:47	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:47	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:47	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:47	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:47	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:47	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:47	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:47	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:47	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:47	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:47	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:47	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:47	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:47	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:47	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:47	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:47	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 02:47	AMC
	Surrogate Recoveries	Result						Acceptance Range			
877-09-8	Surrogate: Tetrachloro-m-xylene	36.2 %						30-120			
2051-24-3	Surrogate: Decachlorobiphenyl	51.8 %						30-120			



Sample Information

Client Sample ID: GC-10C

York Sample ID: 15H0938-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 9:48 am

08/27/2015

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 19:38	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 19:38	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 19:38	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 19:38	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 81.6 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.153		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:24	09/10/2015 13:59	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.155		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 13:55	09/09/2015 14:00	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:08	09/10/2015 16:13	PAM

Sample Information

Client Sample ID: GC-1D

York Sample ID: 15H0938-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:23 pm

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-1D

York Sample ID: 15H0938-29

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 1:23 pm	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.70		mg/L	1.00	1.20	1	varies	09/10/2015 10:48	09/10/2015 15:51	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		2.10		mg/L	1.00	1.20	1	varies	09/10/2015 11:03	09/10/2015 16:04	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS



Sample Information

Client Sample ID: GC-1D

York Sample ID: 15H0938-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:23 pm

08/27/2015

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
67-64-1	Acetone	2.6	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
107-02-8	Acrolein	2.5	CCV-E, SCAL-E	ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS



Sample Information

Client Sample ID: GC-1D

York Sample ID: 15H0938-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:23 pm

08/27/2015

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
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 18:46	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:33	09/02/2015 18:46	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
108-88-3	Toluene	0.21	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS



Sample Information

Client Sample ID: GC-1D

York Sample ID: 15H0938-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:23 pm

08/27/2015

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
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 08:33	09/02/2015 18:46	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	114 %	69-130								
2037-26-5	Surrogate: Toluene-d8	96.7 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	97.3 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 23:42	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 23:42	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/31/2015 08:18	08/31/2015 23:42	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH



Sample Information

Client Sample ID: GC-1D

York Sample ID: 15H0938-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:23 pm

08/27/2015

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	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:47	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:47	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:47	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH



Sample Information

Client Sample ID: GC-1D

York Sample ID: 15H0938-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:23 pm

08/27/2015

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
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:47	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:47	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:47	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:47	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:47	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:47	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:47	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:47	SR



Sample Information

Client Sample ID: GC-1D

York Sample ID: 15H0938-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:23 pm

08/27/2015

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
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:47	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:47	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:47	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:47	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:47	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	08/31/2015 23:42	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 08:18	09/01/2015 00:47	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	26.0 %	10-65
4165-62-2	Surrogate: Phenol-d5	18.3 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	73.5 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	52.6 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	65.8 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	73.9 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:02	AMC



Sample Information

Client Sample ID: GC-1D

York Sample ID: 15H0938-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:23 pm

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:02	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:02	AMC
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:02	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:02	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:02	AMC
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:02	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0400	0.0400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:02	AMC
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:02	AMC
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:02	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:02	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:02	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:02	AMC
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:02	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:02	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:02	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:02	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:02	AMC
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:02	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:02	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:02	AMC
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:02	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	Surrogate: Tetrachloro-m-xylene	32.7 %	30-120
2051-24-3	Surrogate: Decachlorobiphenyl	44.1 %	30-120



Sample Information

Client Sample ID: GC-1D

York Sample ID: 15H0938-29

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 1:23 pm	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 19:53	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 19:53	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 19:53	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 19:53	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 79.0 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.130		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:24	09/10/2015 13:59	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.128		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 13:55	09/09/2015 14:00	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:08	09/10/2015 16:13	PAM

Sample Information

Client Sample ID: GC-2D

York Sample ID: 15H0938-30

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 1:17 pm	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-2D

York Sample ID: 15H0938-30

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 1:17 pm	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.80		mg/L	1.00	1.20	1	varies	09/10/2015 10:48	09/10/2015 15:51	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.80		mg/L	1.00	1.20	1	varies	09/10/2015 11:03	09/10/2015 16:04	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS



Sample Information

Client Sample ID: GC-2D

York Sample ID: 15H0938-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:17 pm

08/27/2015

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	160	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
67-64-1	Acetone	1.6	SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
107-02-8	Acrolein	3.2		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS



Sample Information

Client Sample ID: GC-2D

York Sample ID: 15H0938-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:17 pm

08/27/2015

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
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:31	09/02/2015 13:18	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:31	09/02/2015 13:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
108-88-3	Toluene	0.22	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS



Sample Information

Client Sample ID: GC-2D

York Sample ID: 15H0938-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:17 pm

08/27/2015

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
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 08:31	09/02/2015 13:18	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	93.1 %			69-130						
2037-26-5	Surrogate: Toluene-d8	103 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	93.2 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 12:40	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 12:40	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 12:40	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH



Sample Information

Client Sample ID: GC-2D

York Sample ID: 15H0938-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:17 pm

08/27/2015

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	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:20	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:20	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:20	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:20	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH



Sample Information

Client Sample ID: GC-2D

York Sample ID: 15H0938-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:17 pm

08/27/2015

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
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:20	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:20	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:20	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:20	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:20	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
117-81-7	Bis(2-ethylhexyl)phthalate	0.564		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:20	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:20	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:20	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:20	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:20	SR



Sample Information

Client Sample ID: GC-2D

York Sample ID: 15H0938-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:17 pm

08/27/2015

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
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:20	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:20	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:20	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:20	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:20	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:20	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:20	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:20	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:20	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 12:40	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:20	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	36.9 %	10-65
4165-62-2	Surrogate: Phenol-d5	18.5 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	73.3 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	56.5 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	69.6 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	66.6 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:17	AMC



Sample Information

Client Sample ID: GC-2D

York Sample ID: 15H0938-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:17 pm

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:17	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:17	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:17	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:17	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:17	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:17	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:17	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:17	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:17	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:17	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:17	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:17	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:17	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:17	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:17	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:17	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:17	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:17	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:17	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:17	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:17	AMC

Surrogate Recoveries

Result

Acceptance Range

877-09-8	Surrogate: Tetrachloro-m-xylene	31.9 %	30-120
2051-24-3	Surrogate: Decachlorobiphenyl	42.4 %	30-120



Sample Information

Client Sample ID: GC-2D

York Sample ID: 15H0938-30

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 1:17 pm	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 20:08	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 20:08	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 20:08	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 20:08	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 72.6 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.108		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:24	09/10/2015 13:59	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.170		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 13:55	09/09/2015 14:00	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:08	09/10/2015 16:13	PAM

Sample Information

Client Sample ID: GC-4D

York Sample ID: 15H0938-31

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 1:04 pm	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-4D

York Sample ID: 15H0938-31

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 1:04 pm	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.90		mg/L	1.00	1.20	1	varies	09/10/2015 10:48	09/10/2015 15:51	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		2.90		mg/L	1.00	1.20	1	varies	09/10/2015 11:03	09/10/2015 16:04	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS



Sample Information

Client Sample ID: GC-4D

York Sample ID: 15H0938-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:04 pm

08/27/2015

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	160	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS



Sample Information

Client Sample ID: GC-4D

York Sample ID: 15H0938-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:04 pm

08/27/2015

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
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/03/2015 08:39	09/03/2015 17:48	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/03/2015 08:39	09/03/2015 17:48	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
108-88-3	Toluene	0.25	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS



Sample Information

Client Sample ID: GC-4D

York Sample ID: 15H0938-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:04 pm

08/27/2015

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/03/2015 08:39	09/03/2015 17:48	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	56.7 %	S-04		69-130						
2037-26-5	Surrogate: Toluene-d8	119 %	S-04		81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	106 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:51	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 13:14	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 13:14	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 13:14	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH



Sample Information

Client Sample ID: GC-4D

York Sample ID: 15H0938-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:04 pm

08/27/2015

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
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:51	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:51	SR
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:51	SR
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:51	SR
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH



Sample Information

Client Sample ID: GC-4D

York Sample ID: 15H0938-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:04 pm

08/27/2015

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
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:51	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:51	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:51	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:51	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:51	SR
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
117-81-7	Bis(2-ethylhexyl)phthalate	0.540		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:51	SR
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:51	SR
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:51	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
206-44-0	Fluoranthene	0.0800		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:51	SR
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:51	SR



Sample Information

Client Sample ID: GC-4D

York Sample ID: 15H0938-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:04 pm

08/27/2015

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
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:51	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:51	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:51	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:51	SR
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:51	SR
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:51	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:51	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:51	SR
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 20:51	SR
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:14	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	34.4 %	10-65								
4165-62-2	Surrogate: Phenol-d5	19.6 %	10-49								
4165-60-0	Surrogate: Nitrobenzene-d5	66.3 %	10-96								
321-60-8	Surrogate: 2-Fluorobiphenyl	50.8 %	10-93								
118-79-6	Surrogate: 2,4,6-Tribromophenol	69.4 %	10-128								
1718-51-0	Surrogate: Terphenyl-d14	68.0 %	10-100								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:10	AMC



Sample Information

Client Sample ID: GC-4D

York Sample ID: 15H0938-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:04 pm

08/27/2015

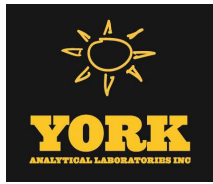
Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:10	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:10	AMC
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:10	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:10	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:10	AMC
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:10	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0400	0.0400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:10	AMC
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:10	AMC
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:10	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:10	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:10	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:10	AMC
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:10	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:10	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:10	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:10	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:10	AMC
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:10	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:10	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:10	AMC
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:10	AMC
	Surrogate Recoveries	Result						Acceptance Range			
877-09-8	Surrogate: Tetrachloro-m-xylene	52.5 %						30-120			
2051-24-3	Surrogate: Decachlorobiphenyl	30.6 %						30-120			



Sample Information

Client Sample ID: GC-4D

York Sample ID: 15H0938-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:04 pm

08/27/2015

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 20:23	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 20:23	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 20:23	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 20:23	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 87.4 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.262		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:24	09/10/2015 13:59	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.149		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 13:55	09/09/2015 14:00	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:08	09/10/2015 16:13	PAM

Sample Information

Client Sample ID: GC-5D

York Sample ID: 15H0938-32

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:11 pm

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-5D

York Sample ID: 15H0938-32

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 1:11 pm	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.50		mg/L	1.00	1.20	1	varies	09/10/2015 10:48	09/10/2015 15:51	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		2.80		mg/L	1.00	1.20	1	varies	09/10/2015 11:03	09/10/2015 16:04	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS



Sample Information

Client Sample ID: GC-5D

York Sample ID: 15H0938-32

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:11 pm

08/27/2015

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	160	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
67-64-1	Acetone	3.4	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
107-02-8	Acrolein	5.7		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS



Sample Information

Client Sample ID: GC-5D

York Sample ID: 15H0938-32

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:11 pm

08/27/2015

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
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:31	09/02/2015 14:26	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:31	09/02/2015 14:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS



Sample Information

Client Sample ID: GC-5D

York Sample ID: 15H0938-32

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:11 pm

08/27/2015

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
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 08:31	09/02/2015 14:26	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %			69-130						
2037-26-5	Surrogate: Toluene-d8	103 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	92.7 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 13:48	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 13:48	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 13:48	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH



Sample Information

Client Sample ID: GC-5D

York Sample ID: 15H0938-32

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:11 pm

08/27/2015

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	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:22	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:22	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:22	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:22	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH



Sample Information

Client Sample ID: GC-5D

York Sample ID: 15H0938-32

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:11 pm

08/27/2015

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
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:22	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:22	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:22	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:22	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:22	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:22	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:22	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:22	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:22	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:22	SR



Sample Information

Client Sample ID: GC-5D

York Sample ID: 15H0938-32

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:11 pm

08/27/2015

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
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:22	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:22	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:22	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:22	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:22	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:22	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:22	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:22	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:22	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 13:48	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:22	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	35.8 %	10-65
4165-62-2	Surrogate: Phenol-d5	23.9 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	66.4 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	54.1 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	68.5 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	66.7 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:25	AMC



Sample Information

Client Sample ID: GC-5D

York Sample ID: 15H0938-32

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 1:11 pm

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:25	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:25	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:25	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:25	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:25	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:25	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:25	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:25	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:25	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:25	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:25	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:25	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:25	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:25	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:25	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:25	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:25	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:25	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:25	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:25	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 18:25	AMC
	Surrogate Recoveries	Result						Acceptance Range			
877-09-8	Surrogate: Tetrachloro-m-xylene	45.9 %						30-120			
2051-24-3	Surrogate: Decachlorobiphenyl	36.9 %						30-120			



Sample Information

Client Sample ID: GC-5D

York Sample ID: 15H0938-32

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 1:11 pm	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 20:38	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 20:38	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 20:38	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 20:38	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 85.2 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.286		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:24	09/10/2015 13:59	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.254		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 13:55	09/09/2015 14:00	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:08	09/10/2015 16:13	PAM

Sample Information

Client Sample ID: GC-6D

York Sample ID: 15H0938-33

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 12:54 pm	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-6D

York Sample ID: 15H0938-33

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 12:54 pm	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Nitrogen	1.90		mg/L	1.00	1.20	1	varies	09/10/2015 10:48	09/10/2015 15:51	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Nitrogen, Total-Dissolved	1.90		mg/L	1.00	1.20	1	varies	09/10/2015 11:03	09/10/2015 16:04	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS



Sample Information

Client Sample ID: GC-6D

York Sample ID: 15H0938-33

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:54 pm

08/27/2015

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	160	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
67-64-1	Acetone	2.9	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
107-02-8	Acrolein	4.9		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS



Sample Information

Client Sample ID: GC-6D

York Sample ID: 15H0938-33

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:54 pm

08/27/2015

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
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:31	09/02/2015 15:00	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:31	09/02/2015 15:00	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS



Sample Information

Client Sample ID: GC-6D

York Sample ID: 15H0938-33

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:54 pm

08/27/2015

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
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 08:31	09/02/2015 15:00	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %			69-130						
2037-26-5	Surrogate: Toluene-d8	102 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	93.6 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 17:44	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 17:44	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 17:44	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR



Sample Information

Client Sample ID: GC-6D

York Sample ID: 15H0938-33

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:54 pm

08/27/2015

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	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
83-32-9	Acenaphthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:54	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:54	SR
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
120-12-7	Anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:54	SR
1912-24-9	Atrazine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:54	SR
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR



Sample Information

Client Sample ID: GC-6D

York Sample ID: 15H0938-33

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:54 pm

08/27/2015

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
92-87-5	Benzidine	ND		ug/L	11.1	22.2	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:54	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:54	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:54	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:54	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:54	SR
65-85-0	Benzoic acid	ND		ug/L	27.8	55.6	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
117-81-7	Bis(2-ethylhexyl)phthalate	0.622		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:54	SR
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
218-01-9	Chrysene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:54	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:54	SR
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
206-44-0	Fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:54	SR
86-73-7	Fluorene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:54	SR



Sample Information

Client Sample ID: GC-6D

York Sample ID: 15H0938-33

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:54 pm

08/27/2015

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
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	0.0222	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:54	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:54	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
67-72-1	Hexachloroethane	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:54	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	09/01/2015 09:17	09/01/2015 21:54	SR
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
91-20-3	Naphthalene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:54	SR
98-95-3	Nitrobenzene	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:54	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:54	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:54	SR
85-01-8	Phenanthrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:54	SR
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 17:44	SR
129-00-0	Pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 21:54	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	38.9 %	10-65								
4165-62-2	Surrogate: Phenol-d5	25.0 %	10-49								
4165-60-0	Surrogate: Nitrobenzene-d5	92.8 %	10-96								
321-60-8	Surrogate: 2-Fluorobiphenyl	68.5 %	10-93								
118-79-6	Surrogate: 2,4,6-Tribromophenol	56.2 %	10-128								
1718-51-0	Surrogate: Terphenyl-d14	71.4 %	10-100								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:32	AMC



Sample Information

Client Sample ID: GC-6D

York Sample ID: 15H0938-33

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:54 pm

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:32	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:32	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:32	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:32	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:32	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:32	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:32	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:32	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:32	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:32	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:32	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:32	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:32	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:32	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:32	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:32	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:32	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:32	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:32	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:32	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:32	AMC
	Surrogate Recoveries	Result						Acceptance Range			
877-09-8	Surrogate: Tetrachloro-m-xylene	34.8 %						30-120			
2051-24-3	Surrogate: Decachlorobiphenyl	58.3 %						30-120			



Sample Information

Client Sample ID: GC-6D

York Sample ID: 15H0938-33

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:54 pm

08/27/2015

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 20:53	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 20:53	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 20:53	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 20:53	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 79.4 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.158		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:24	09/10/2015 13:59	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.130		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 13:55	09/09/2015 14:00	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:08	09/10/2015 16:13	PAM

Sample Information

Client Sample ID: GC-7D

York Sample ID: 15H0938-34

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:44 pm

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-7D

York Sample ID: 15H0938-34

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 12:44 pm	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.80		mg/L	1.00	1.20	1	varies	09/10/2015 10:48	09/10/2015 15:51	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.40		mg/L	1.00	1.20	1	varies	09/10/2015 11:03	09/10/2015 16:04	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS



Sample Information

Client Sample ID: GC-7D

York Sample ID: 15H0938-34

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:44 pm

08/27/2015

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	160	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
78-93-3	2-Butanone	0.33	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
67-64-1	Acetone	3.0	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
107-02-8	Acrolein	7.8		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS



Sample Information

Client Sample ID: GC-7D

York Sample ID: 15H0938-34

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:44 pm

08/27/2015

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
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:31	09/02/2015 15:34	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:31	09/02/2015 15:34	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS



Sample Information

Client Sample ID: GC-7D

York Sample ID: 15H0938-34

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:44 pm

08/27/2015

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
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 08:31	09/02/2015 15:34	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %			69-130						
2037-26-5	Surrogate: Toluene-d8	103 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	95.2 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	09/04/2015 06:41	09/04/2015 21:12	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	09/04/2015 06:41	09/04/2015 21:12	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	09/04/2015 06:41	09/04/2015 21:12	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH



Sample Information

Client Sample ID: GC-7D

York Sample ID: 15H0938-34

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:44 pm

08/27/2015

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	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
83-32-9	Acenaphthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/01/2015 22:25	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/01/2015 22:25	SR
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
120-12-7	Anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/01/2015 22:25	SR
1912-24-9	Atrazine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/01/2015 22:25	SR
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH



Sample Information

Client Sample ID: GC-7D

York Sample ID: 15H0938-34

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:44 pm

08/27/2015

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
92-87-5	Benzidine	ND		ug/L	11.1	22.2	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/01/2015 22:25	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/01/2015 22:25	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/01/2015 22:25	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/01/2015 22:25	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/01/2015 22:25	SR
65-85-0	Benzoic acid	ND		ug/L	27.8	55.6	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
117-81-7	Bis(2-ethylhexyl)phthalate	11.9		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
218-01-9	Chrysene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/01/2015 22:25	SR
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
206-44-0	Fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/01/2015 22:25	SR
86-73-7	Fluorene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/01/2015 22:25	SR



Sample Information

Client Sample ID: GC-7D

York Sample ID: 15H0938-34

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:44 pm

08/27/2015

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
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	0.0222	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
67-72-1	Hexachloroethane	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/01/2015 22:25	SR
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
91-20-3	Naphthalene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/01/2015 22:25	SR
98-95-3	Nitrobenzene	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/01/2015 22:25	SR
85-01-8	Phenanthrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/01/2015 22:25	SR
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:12	KH
129-00-0	Pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/01/2015 22:25	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	50.4 %	10-65
4165-62-2	Surrogate: Phenol-d5	45.0 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	84.0 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	69.1 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	96.8 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	119 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:47	AMC



Sample Information

Client Sample ID: GC-7D

York Sample ID: 15H0938-34

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:44 pm

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:47	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:47	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:47	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:47	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:47	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:47	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:47	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:47	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:47	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:47	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:47	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:47	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:47	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:47	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:47	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:47	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:47	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:47	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:47	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:47	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 03:47	AMC
	Surrogate Recoveries	Result						Acceptance Range			
877-09-8	Surrogate: Tetrachloro-m-xylene	25.4 %						30-120			
2051-24-3	Surrogate: Decachlorobiphenyl	36.9 %						30-120			



Sample Information

Client Sample ID: GC-7D

York Sample ID: 15H0938-34

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 12:44 pm	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 21:08	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 21:08	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 21:08	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 21:08	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 73.8 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.361		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:24	09/10/2015 13:59	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.192		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 13:55	09/09/2015 14:00	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:08	09/10/2015 16:13	PAM

Sample Information

Client Sample ID: GC-8D

York Sample ID: 15H0938-35

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 12:39 pm	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-8D

York Sample ID: 15H0938-35

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 12:39 pm	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Nitrogen	2.40		mg/L	1.00	1.20	1	varies	09/10/2015 10:48	09/10/2015 15:51	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Nitrogen, Total-Dissolved	1.70		mg/L	1.00	1.20	1	varies	09/10/2015 11:03	09/10/2015 16:04	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 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,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 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,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS



Sample Information

Client Sample ID: GC-8D

York Sample ID: 15H0938-35

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:39 pm

08/27/2015

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	160	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
67-64-1	Acetone	2.7	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
107-02-8	Acrolein	5.7		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS



Sample Information

Client Sample ID: GC-8D

York Sample ID: 15H0938-35

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:39 pm

08/27/2015

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
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 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,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:31	09/02/2015 16:08	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:31	09/02/2015 16:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS



Sample Information

Client Sample ID: GC-8D

York Sample ID: 15H0938-35

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:39 pm

08/27/2015

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
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 08:31	09/02/2015 16:08	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %			69-130						
2037-26-5	Surrogate: Toluene-d8	101 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	104 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 18:16	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 18:16	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 18:16	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR



Sample Information

Client Sample ID: GC-8D

York Sample ID: 15H0938-35

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:39 pm

08/27/2015

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	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 22:56	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 22:56	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 22:56	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 22:56	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR



Sample Information

Client Sample ID: GC-8D

York Sample ID: 15H0938-35

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:39 pm

08/27/2015

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
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 22:56	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 22:56	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 22:56	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 22:56	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 22:56	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
117-81-7	Bis(2-ethylhexyl)phthalate	0.708		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 22:56	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 22:56	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 22:56	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 22:56	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 22:56	SR



Sample Information

Client Sample ID: GC-8D

York Sample ID: 15H0938-35

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:39 pm

08/27/2015

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
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 22:56	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 22:56	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 22:56	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 22:56	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 22:56	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 22:56	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 22:56	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 22:56	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 22:56	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:16	SR
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 22:56	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	37.2 %	10-65
4165-62-2	Surrogate: Phenol-d5	21.2 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	78.1 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	57.1 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	54.5 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	69.2 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 04:02	AMC



Sample Information

Client Sample ID: GC-8D

York Sample ID: 15H0938-35

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:39 pm

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 04:02	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 04:02	AMC
309-00-2	Aldrin	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 04:02	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 04:02	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 04:02	AMC
319-85-7	beta-BHC	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 04:02	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0457	0.0457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 04:02	AMC
319-86-8	delta-BHC	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 04:02	AMC
60-57-1	Dieldrin	ND		ug/L	0.00229	0.00229	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 04:02	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 04:02	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 04:02	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 04:02	AMC
72-20-8	Endrin	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 04:02	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0114	0.0114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 04:02	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0114	0.0114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 04:02	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 04:02	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0114	0.0114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 04:02	AMC
76-44-8	Heptachlor	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 04:02	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 04:02	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 04:02	AMC
8001-35-2	Toxaphene	ND		ug/L	0.114	0.114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:22	09/02/2015 04:02	AMC

Surrogate Recoveries

Result

Acceptance Range

877-09-8	Surrogate: Tetrachloro-m-xylene	37.9 %	30-120
2051-24-3	Surrogate: Decachlorobiphenyl	50.3 %	30-120



Sample Information

Client Sample ID: GC-8D

York Sample ID: 15H0938-35

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 12:39 pm	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 21:23	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 21:23	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 21:23	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 21:23	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 69.4 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.363		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:24	09/10/2015 13:59	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.256		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 13:55	09/09/2015 14:00	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:08	09/10/2015 16:13	PAM

Sample Information

Client Sample ID: GC-9D

York Sample ID: 15H0938-36

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 12:22 pm	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-9D

York Sample ID: 15H0938-36

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 12:22 pm	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Nitrogen	3.20		mg/L	1.00	1.20	1	varies	09/10/2015 10:48	09/10/2015 15:51	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Nitrogen, Total-Dissolved	1.80		mg/L	1.00	1.20	1	varies	09/10/2015 11:03	09/10/2015 16:04	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS



Sample Information

Client Sample ID: GC-9D

York Sample ID: 15H0938-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:22 pm

08/27/2015

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	160	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
67-64-1	Acetone	2.6	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
107-02-8	Acrolein	5.3		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
156-59-2	cis-1,2-Dichloroethylene	0.40	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS



Sample Information

Client Sample ID: GC-9D

York Sample ID: 15H0938-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:22 pm

08/27/2015

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
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:31	09/02/2015 16:42	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:31	09/02/2015 16:42	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
108-88-3	Toluene	0.33	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS



Sample Information

Client Sample ID: GC-9D

York Sample ID: 15H0938-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:22 pm

08/27/2015

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
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 08:31	09/02/2015 16:42	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %			69-130						
2037-26-5	Surrogate: Toluene-d8	103 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	92.9 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 09:26	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 09:26	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 09:26	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH



Sample Information

Client Sample ID: GC-9D

York Sample ID: 15H0938-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:22 pm

08/27/2015

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	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:27	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:27	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:27	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:27	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH



Sample Information

Client Sample ID: GC-9D

York Sample ID: 15H0938-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:22 pm

08/27/2015

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
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:27	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:27	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:27	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:27	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:27	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
117-81-7	Bis(2-ethylhexyl)phthalate	0.605		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:27	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:27	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:27	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:27	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:27	SR



Sample Information

Client Sample ID: GC-9D

York Sample ID: 15H0938-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:22 pm

08/27/2015

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
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:27	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:27	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:27	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:27	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:27	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:27	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:27	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:27	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:27	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 09:26	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:27	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	26.9 %	10-65
4165-62-2	Surrogate: Phenol-d5	18.5 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	54.1 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	41.5 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	75.4 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	48.6 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 18:40	AMC



Sample Information

Client Sample ID: GC-9D

York Sample ID: 15H0938-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:22 pm

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 18:40	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 18:40	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 18:40	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 18:40	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 18:40	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 18:40	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 18:40	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 18:40	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 18:40	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 18:40	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 18:40	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 18:40	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 18:40	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 18:40	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 18:40	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 18:40	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 18:40	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 18:40	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 18:40	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 18:40	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 18:40	AMC
	Surrogate Recoveries	Result						Acceptance Range			
877-09-8	Surrogate: Tetrachloro-m-xylene	74.1 %						30-120			
2051-24-3	Surrogate: Decachlorobiphenyl	48.2 %						30-120			



Sample Information

Client Sample ID: GC-9D

York Sample ID: 15H0938-36

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 12:22 pm	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 21:53	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 21:53	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 21:53	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 21:53	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L) 68.6 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.125		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:27	09/10/2015 14:03	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.145		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 13:55	09/09/2015 14:00	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:08	09/10/2015 16:13	PAM

Sample Information

Client Sample ID: GC-10D

York Sample ID: 15H0938-37

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 12:11 pm	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-10D

York Sample ID: 15H0938-37

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 12:11 pm	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Nitrogen	3.30		mg/L	1.00	1.20	1	varies	09/10/2015 10:48	09/10/2015 15:51	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Nitrogen, Total-Dissolved	1.80		mg/L	1.00	1.20	1	varies	09/10/2015 11:03	09/10/2015 16:04	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
95-63-6	1,2,4-Trimethylbenzene	0.37	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS



Sample Information

Client Sample ID: GC-10D

York Sample ID: 15H0938-37

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:11 pm

08/27/2015

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	160	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
67-64-1	Acetone	2.6	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
107-02-8	Acrolein	6.1		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
71-43-2	Benzene	0.43	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
156-59-2	cis-1,2-Dichloroethylene	0.41	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS



Sample Information

Client Sample ID: GC-10D

York Sample ID: 15H0938-37

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:11 pm

08/27/2015

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
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
100-41-4	Ethyl Benzene	0.33	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
95-47-6	o-Xylene	0.42	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:31	09/02/2015 17:16	SS
179601-23-1	p- & m- Xylenes	0.95	J	ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:31	09/02/2015 17:16	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
108-88-3	Toluene	2.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS



Sample Information

Client Sample ID: GC-10D

York Sample ID: 15H0938-37

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:11 pm

08/27/2015

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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
1330-20-7	* Xylenes, Total	1.4	J	ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 08:31	09/02/2015 17:16	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.8 %			69-130						
2037-26-5	Surrogate: Toluene-d8	102 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	92.5 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 18:48	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 18:48	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 18:48	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR



Sample Information

Client Sample ID: GC-10D

York Sample ID: 15H0938-37

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:11 pm

08/27/2015

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
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:58	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:58	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:58	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:58	SR



Sample Information

Client Sample ID: GC-10D

York Sample ID: 15H0938-37

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:11 pm

08/27/2015

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
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:58	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:58	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:58	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:58	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:58	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:58	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:58	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:58	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:58	SR



Sample Information

Client Sample ID: GC-10D

York Sample ID: 15H0938-37

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:11 pm

08/27/2015

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
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:58	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:58	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:58	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:58	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:58	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:58	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:58	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:58	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:58	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:58	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 18:48	SR
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/01/2015 23:58	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	31.9 %	10-65
4165-62-2	Surrogate: Phenol-d5	19.3 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	72.0 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	55.1 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	50.7 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	66.3 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

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



Sample Information

Client Sample ID: GC-10D

York Sample ID: 15H0938-37

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:11 pm

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:25	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:25	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:25	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:25	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:25	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:25	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:25	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:25	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:25	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:25	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:25	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:25	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:25	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:25	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:25	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:25	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:25	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:25	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:25	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:25	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:25	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:25	AMC

Surrogate Recoveries

Result

Acceptance Range

877-09-8

Surrogate: Tetrachloro-m-xylene

58.2 %

30-120



Sample Information

Client Sample ID: GC-10D

York Sample ID: 15H0938-37

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 12:11 pm	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	52.1 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 22:08	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 22:08	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 22:08	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 22:08	SA
	Surrogate Recoveries	Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L	85.6 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.166		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:27	09/10/2015 14:03	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.143		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 13:55	09/09/2015 14:00	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:08	09/10/2015 16:13	PAM



Sample Information

Client Sample ID: GC-11A

York Sample ID: 15H0938-38

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 5:41 am

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.00		mg/L	1.00	1.20	1	varies	09/10/2015 10:48	09/10/2015 15:51	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.80		mg/L	1.00	1.20	1	varies	09/10/2015 11:03	09/10/2015 16:04	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS



Sample Information

Client Sample ID: GC-11A

York Sample ID: 15H0938-38

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 5:41 am

08/27/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	160	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
67-64-1	Acetone	1.9	SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
107-02-8	Acrolein	2.2		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
156-59-2	cis-1,2-Dichloroethylene	0.43	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS



Sample Information

Client Sample ID: GC-11A

York Sample ID: 15H0938-38

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 5:41 am

08/27/2015

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:31	09/02/2015 17:49	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:31	09/02/2015 17:49	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS



Sample Information

Client Sample ID: GC-11A

York Sample ID: 15H0938-38

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 5:41 am

08/27/2015

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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 08:31	09/02/2015 17:49	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %			69-130						
2037-26-5	Surrogate: Toluene-d8	105 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	94.8 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 19:20	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 19:20	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 19:20	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR



Sample Information

Client Sample ID: GC-11A

York Sample ID: 15H0938-38

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 5:41 am

08/27/2015

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
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 00:29	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 00:29	SR
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 00:29	SR
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 00:29	SR



Sample Information

Client Sample ID: GC-11A

York Sample ID: 15H0938-38

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 5:41 am

08/27/2015

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
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 00:29	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 00:29	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 00:29	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 00:29	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 00:29	SR
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
117-81-7	Bis(2-ethylhexyl)phthalate	1.28		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 00:29	SR
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 00:29	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 00:29	SR
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 00:29	SR



Sample Information

Client Sample ID: GC-11A

York Sample ID: 15H0938-38

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 5:41 am

08/27/2015

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
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 00:29	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 00:29	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 00:29	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 00:29	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 00:29	SR
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 00:29	SR
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 00:29	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 00:29	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 00:29	SR
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 00:29	SR
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:20	SR
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 00:29	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	37.5 %	10-65
4165-62-2	Surrogate: Phenol-d5	21.7 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	81.9 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	67.8 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	55.2 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	70.1 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

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



Sample Information

Client Sample ID: GC-11A

York Sample ID: 15H0938-38

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 5:41 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:40	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:40	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:40	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:40	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:40	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:40	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:40	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:40	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:40	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:40	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:40	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:40	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:40	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:40	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:40	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:40	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:40	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:40	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:40	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:40	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:40	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:40	AMC

Surrogate Recoveries

Result

Acceptance Range

877-09-8

Surrogate: Tetrachloro-m-xylene

61.8 %

30-120



Sample Information

Client Sample ID: GC-11A

York Sample ID: 15H0938-38

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 5:41 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	65.1 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 22:23	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 22:23	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 22:23	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 22:23	SA
	Surrogate Recoveries	Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L	89.0 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.145		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:27	09/10/2015 14:03	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.113		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 13:55	09/09/2015 14:00	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:08	09/10/2015 16:13	PAM



Sample Information

Client Sample ID: GC-11B

York Sample ID: 15H0938-39

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 7:50 am

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.10		mg/L	1.00	1.20	1	varies	09/10/2015 10:48	09/10/2015 15:51	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.70		mg/L	1.00	1.20	1	varies	09/10/2015 11:03	09/10/2015 16:04	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS



Sample Information

Client Sample ID: GC-11B

York Sample ID: 15H0938-39

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 7:50 am

08/27/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	160	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
67-64-1	Acetone	3.0	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
107-02-8	Acrolein	2.8		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
156-59-2	cis-1,2-Dichloroethylene	0.32	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS



Sample Information

Client Sample ID: GC-11B

York Sample ID: 15H0938-39

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 7:50 am

08/27/2015

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:31	09/02/2015 18:23	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:31	09/02/2015 18:23	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
108-88-3	Toluene	0.26	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS



Sample Information

Client Sample ID: GC-11B

York Sample ID: 15H0938-39

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 7:50 am

08/27/2015

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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 08:31	09/02/2015 18:23	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %			69-130						
2037-26-5	Surrogate: Toluene-d8	101 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	90.8 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	09/04/2015 06:41	09/04/2015 21:43	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	09/04/2015 06:41	09/04/2015 21:43	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	09/04/2015 06:41	09/04/2015 21:43	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH



Sample Information

Client Sample ID: GC-11B

York Sample ID: 15H0938-39

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 7:50 am

08/27/2015

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
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 01:01	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 01:01	SR
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 01:01	SR
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 01:01	SR



Sample Information

Client Sample ID: GC-11B

York Sample ID: 15H0938-39

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 7:50 am

08/27/2015

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
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 01:01	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 01:01	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 01:01	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 01:01	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 01:01	SR
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
117-81-7	Bis(2-ethylhexyl)phthalate	11.6		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 01:01	SR
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 01:01	SR
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 01:01	SR



Sample Information

Client Sample ID: GC-11B

York Sample ID: 15H0938-39

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 7:50 am

08/27/2015

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
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 01:01	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 01:01	SR
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 01:01	SR
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/04/2015 21:43	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	39.5 %	10-65
4165-62-2	Surrogate: Phenol-d5	30.1 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	83.8 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	66.5 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	83.9 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	93.6 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

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



Sample Information

Client Sample ID: GC-11B

York Sample ID: 15H0938-39

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 7:50 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:55	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:55	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:55	AMC
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:55	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:55	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:55	AMC
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:55	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0400	0.0400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:55	AMC
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:55	AMC
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:55	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:55	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:55	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:55	AMC
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:55	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:55	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:55	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:55	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:55	AMC
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:55	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:55	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:55	AMC
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 19:55	AMC

Surrogate Recoveries

Result

Acceptance Range

877-09-8

Surrogate: Tetrachloro-m-xylene

56.8 %

30-120



Sample Information

Client Sample ID: GC-11B

York Sample ID: 15H0938-39

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 7:50 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	59.9 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 22:38	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 22:38	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 22:38	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 22:38	SA
	Surrogate Recoveries	Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L	94.8 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.232		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:27	09/10/2015 14:03	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.183		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 13:55	09/09/2015 14:00	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:08	09/10/2015 16:13	PAM



Sample Information

Client Sample ID: GC-11C

York Sample ID: 15H0938-40

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 9:41 am

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.10		mg/L	1.00	1.20	1	varies	09/10/2015 10:48	09/10/2015 15:51	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.60		mg/L	1.00	1.20	1	varies	09/10/2015 11:03	09/10/2015 16:04	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
95-63-6	1,2,4-Trimethylbenzene	0.46	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS



Sample Information

Client Sample ID: GC-11C

York Sample ID: 15H0938-40

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 9:41 am

08/27/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	160	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
67-64-1	Acetone	2.5	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
107-02-8	Acrolein	2.6		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
71-43-2	Benzene	0.47	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS



Sample Information

Client Sample ID: GC-11C

York Sample ID: 15H0938-40

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 9:41 am

08/27/2015

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
100-41-4	Ethyl Benzene	0.46	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
95-47-6	o-Xylene	0.49	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:31	09/02/2015 18:57	SS
179601-23-1	p- & m- Xylenes	1.2		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 08:31	09/02/2015 18:57	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
108-88-3	Toluene	2.7		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS



Sample Information

Client Sample ID: GC-11C

York Sample ID: 15H0938-40

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 9:41 am

08/27/2015

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
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
1330-20-7	* Xylenes, Total	1.7		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 08:31	09/02/2015 18:57	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %			69-130						
2037-26-5	Surrogate: Toluene-d8	103 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	93.1 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 19:52	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 19:52	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 19:52	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR



Sample Information

Client Sample ID: GC-11C

York Sample ID: 15H0938-40

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 9:41 am

08/27/2015

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
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 01:32	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 01:32	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 01:32	SR



Sample Information

Client Sample ID: GC-11C

York Sample ID: 15H0938-40

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 9:41 am

08/27/2015

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
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 01:32	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 01:32	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 01:32	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 01:32	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 01:32	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 01:32	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
117-81-7	Bis(2-ethylhexyl)phthalate	0.800		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 01:32	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 01:32	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 01:32	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR



Sample Information

Client Sample ID: GC-11C

York Sample ID: 15H0938-40

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 9:41 am

08/27/2015

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
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 01:32	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 01:32	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 01:32	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 01:32	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 01:32	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 01:32	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 01:32	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 01:32	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 01:32	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 01:32	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 01:32	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 19:52	SR
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 01:32	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	27.9 %	10-65
4165-62-2	Surrogate: Phenol-d5	15.7 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	62.0 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	53.5 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	40.8 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	60.5 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM



Sample Information

Client Sample ID: GC-11C

York Sample ID: 15H0938-40

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 9:41 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:10	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:10	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:10	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:10	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:10	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:10	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:10	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:10	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:10	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:10	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:10	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:10	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:10	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:10	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:10	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:10	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:10	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:10	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:10	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:10	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:10	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:10	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	Surrogate: Tetrachloro-m-xylene	61.2 %	30-120
2051-24-3	Surrogate: Decachlorobiphenyl	61.5 %	30-120



Sample Information

Client Sample ID: GC-11C

York Sample ID: 15H0938-40

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 9:41 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 22:53	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 22:53	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 22:53	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 22:53	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L	75.8 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.106		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:27	09/10/2015 14:03	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.138		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 13:55	09/09/2015 14:00	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:08	09/10/2015 16:13	PAM

Sample Information

Client Sample ID: GC-11D

York Sample ID: 15H0938-41

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 12:04 pm	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-11D

York Sample ID: 15H0938-41

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 12:04 pm	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.70		mg/L	1.00	1.20	1	varies	09/10/2015 10:48	09/10/2015 15:51	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.80		mg/L	1.00	1.20	1	varies	09/10/2015 11:03	09/10/2015 16:04	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS



Sample Information

Client Sample ID: GC-11D

York Sample ID: 15H0938-41

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:04 pm

08/27/2015

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	160	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
67-64-1	Acetone	2.8	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
107-02-8	Acrolein	6.2		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
71-43-2	Benzene	0.32	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
156-59-2	cis-1,2-Dichloroethylene	0.27	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS



Sample Information

Client Sample ID: GC-11D

York Sample ID: 15H0938-41

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:04 pm

08/27/2015

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
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
100-41-4	Ethyl Benzene	0.31	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
95-47-6	o-Xylene	0.33	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/03/2015 08:39	09/03/2015 16:07	SS
179601-23-1	p- & m- Xylenes	0.71	J	ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/03/2015 08:39	09/03/2015 16:07	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
108-88-3	Toluene	1.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS



Sample Information

Client Sample ID: GC-11D

York Sample ID: 15H0938-41

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:04 pm

08/27/2015

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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
1330-20-7	* Xylenes, Total	1.0	J	ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/03/2015 08:39	09/03/2015 16:07	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %			69-130						
2037-26-5	Surrogate: Toluene-d8	101 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	96.1 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/04/2015 06:41	09/03/2015 20:24	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/04/2015 06:41	09/03/2015 20:24	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/04/2015 06:41	09/03/2015 20:24	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR



Sample Information

Client Sample ID: GC-11D

York Sample ID: 15H0938-41

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:04 pm

08/27/2015

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
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 02:03	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 02:03	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 02:03	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 02:03	SR



Sample Information

Client Sample ID: GC-11D

York Sample ID: 15H0938-41

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:04 pm

08/27/2015

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
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 02:03	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 02:03	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 02:03	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 02:03	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 02:03	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
117-81-7	Bis(2-ethylhexyl)phthalate	2.75		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 02:03	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 02:03	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 02:03	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 02:03	SR



Sample Information

Client Sample ID: GC-11D

York Sample ID: 15H0938-41

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:04 pm

08/27/2015

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
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 02:03	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 02:03	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 02:03	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 02:03	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 02:03	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 02:03	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 02:03	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 02:03	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 02:03	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 02:03	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/03/2015 20:24	SR
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/04/2015 06:41	09/02/2015 02:03	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	30.0 %	10-65
4165-62-2	Surrogate: Phenol-d5	17.2 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	58.5 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	49.2 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	39.1 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	50.9 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

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



Sample Information

Client Sample ID: GC-11D

York Sample ID: 15H0938-41

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:04 pm

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:25	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:25	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:25	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:25	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:25	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:25	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:25	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:25	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:25	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:25	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:25	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:25	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:25	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:25	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:25	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:25	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:25	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:25	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:25	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:25	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:25	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:25	AMC

Surrogate Recoveries

Result

Acceptance Range

877-09-8

Surrogate: Tetrachloro-m-xylene

60.6 %

30-120



Sample Information

Client Sample ID: GC-11D

York Sample ID: 15H0938-41

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:04 pm

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	49.4 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 23:08	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 23:08	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 23:08	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 04:49	09/01/2015 23:08	SA
	Surrogate Recoveries	Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L	80.8 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.185		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:27	09/10/2015 14:03	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.181		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:10	09/10/2015 13:53	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:08	09/10/2015 16:13	PAM



Sample Information

Client Sample ID: GC-12A

York Sample ID: 15H0938-42

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 5:29 am

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.10		mg/L	1.00	1.20	1	varies	09/10/2015 10:51	09/10/2015 15:58	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.40		mg/L	1.00	1.20	1	varies	09/10/2015 11:05	09/10/2015 16:07	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS



Sample Information

Client Sample ID: GC-12A

York Sample ID: 15H0938-42

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 5:29 am

08/27/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	160	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
67-64-1	Acetone	2.2	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
107-02-8	Acrolein	4.6		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS



Sample Information

Client Sample ID: GC-12A

York Sample ID: 15H0938-42

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 5:29 am

08/27/2015

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/03/2015 08:39	09/03/2015 17:14	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/03/2015 08:39	09/03/2015 17:14	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
108-88-3	Toluene	0.33	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS



Sample Information

Client Sample ID: GC-12A

York Sample ID: 15H0938-42

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 5:29 am

08/27/2015

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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/03/2015 08:39	09/03/2015 17:14	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %			69-130						
2037-26-5	Surrogate: Toluene-d8	103 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	99.4 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 20:56	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 20:56	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 09:17	09/03/2015 20:56	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR



Sample Information

Client Sample ID: GC-12A

York Sample ID: 15H0938-42

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 5:29 am

08/27/2015

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
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 02:34	SR
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 02:34	SR



Sample Information

Client Sample ID: GC-12A

York Sample ID: 15H0938-42

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 5:29 am

08/27/2015

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
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 02:34	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 02:34	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 02:34	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 02:34	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 02:34	SR
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
117-81-7	Bis(2-ethylhexyl)phthalate	1.87		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 02:34	SR
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 02:34	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 02:34	SR
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 02:34	SR



Sample Information

Client Sample ID: GC-12A

York Sample ID: 15H0938-42

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 5:29 am

08/27/2015

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
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 02:34	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 02:34	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 02:34	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 02:34	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 02:34	SR
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 02:34	SR
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 02:34	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 02:34	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 02:34	SR
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 02:34	SR
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/03/2015 20:56	SR
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 09:17	09/02/2015 02:34	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	27.0 %									
4165-62-2	Surrogate: Phenol-d5	16.1 %									
4165-60-0	Surrogate: Nitrobenzene-d5	60.0 %									
321-60-8	Surrogate: 2-Fluorobiphenyl	52.0 %									
118-79-6	Surrogate: 2,4,6-Tribromophenol	45.5 %									
1718-51-0	Surrogate: Terphenyl-d14	67.6 %									

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

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



Sample Information

Client Sample ID: GC-12A

York Sample ID: 15H0938-42

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 5:29 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:40	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:40	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:40	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:40	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:40	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:40	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:40	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:40	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:40	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:40	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:40	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:40	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:40	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:40	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:40	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:40	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:40	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:40	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:40	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:40	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:40	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:40	AMC

Surrogate Recoveries

Result

Acceptance Range

877-09-8

Surrogate: Tetrachloro-m-xylene

47.6 %

30-120



Sample Information

Client Sample ID: GC-12A

York Sample ID: 15H0938-42

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 5:29 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	--	------------------------------------

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	53.2 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 05:03	09/02/2015 18:42	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 05:03	09/02/2015 18:42	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 05:03	09/02/2015 18:42	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 05:03	09/02/2015 18:42	SA
	Surrogate Recoveries	Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L	74.8 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.155		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:27	09/10/2015 14:03	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.115		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:10	09/10/2015 13:53	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:09	09/10/2015 16:15	PAM



Sample Information

Client Sample ID: GC-12B

York Sample ID: 15H0938-43

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 7:40 am

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.90		mg/L	1.00	1.20	1	varies	09/10/2015 10:51	09/10/2015 15:58	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.40		mg/L	1.00	1.20	1	varies	09/10/2015 11:05	09/10/2015 16:07	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS



Sample Information

Client Sample ID: GC-12B

York Sample ID: 15H0938-43

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 7:40 am

08/27/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	160	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
67-64-1	Acetone	2.2	SCAL- E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
107-02-8	Acrolein	3.5		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS



Sample Information

Client Sample ID: GC-12B

York Sample ID: 15H0938-43

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 7:40 am

08/27/2015

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 16:33	09/03/2015 00:33	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/02/2015 16:33	09/03/2015 00:33	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
108-88-3	Toluene	0.29	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS



Sample Information

Client Sample ID: GC-12B

York Sample ID: 15H0938-43

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 7:40 am

08/27/2015

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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/02/2015 16:33	09/03/2015 00:33	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %			69-130						
2037-26-5	Surrogate: Toluene-d8	102 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	93.9 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	09/02/2015 08:19	09/03/2015 21:27	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	09/02/2015 08:19	09/03/2015 21:27	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	09/02/2015 08:19	09/03/2015 21:27	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR



Sample Information

Client Sample ID: GC-12B

York Sample ID: 15H0938-43

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 7:40 am

08/27/2015

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
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 00:43	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 00:43	SR
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 00:43	SR
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 00:43	SR



Sample Information

Client Sample ID: GC-12B

York Sample ID: 15H0938-43

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 7:40 am

08/27/2015

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
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 00:43	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 00:43	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 00:43	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 00:43	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 00:43	SR
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
117-81-7	Bis(2-ethylhexyl)phthalate	2.39		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 00:43	SR
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 00:43	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 00:43	SR
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 00:43	SR



Sample Information

Client Sample ID: GC-12B

York Sample ID: 15H0938-43

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 7:40 am

08/27/2015

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
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 00:43	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 00:43	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 00:43	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 00:43	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 00:43	SR
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 00:43	SR
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 00:43	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 00:43	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 00:43	SR
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 00:43	SR
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 21:27	SR
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 00:43	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	29.6 %	10-65
4165-62-2	Surrogate: Phenol-d5	16.3 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	56.6 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	53.4 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	38.7 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	55.5 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

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



Sample Information

Client Sample ID: GC-12B

York Sample ID: 15H0938-43

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 7:40 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:56	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:56	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:56	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:56	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:56	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:56	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:56	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:56	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:56	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:56	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:56	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:56	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:56	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:56	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:56	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:56	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:56	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:56	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:56	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:56	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:56	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 20:56	AMC

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: GC-12B

York Sample ID: 15H0938-43

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 7:40 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	Surrogate: Tetrachloro-m-xylene	127 %	GC-Sur		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	115 %	r		30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 05:03	09/02/2015 18:57	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 05:03	09/02/2015 18:57	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 05:03	09/02/2015 18:57	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 05:03	09/02/2015 18:57	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L	75.6 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.102		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:27	09/10/2015 14:03	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0780		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:10	09/10/2015 13:53	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:09	09/10/2015 16:15	PAM



Sample Information

Client Sample ID: GC-12C

York Sample ID: 15H0938-44

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 9:33 am

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		1.90		mg/L	1.00	1.20	1	varies	09/10/2015 10:51	09/10/2015 15:58	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		1.40		mg/L	1.00	1.20	1	varies	09/10/2015 11:05	09/10/2015 16:07	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS



Sample Information

Client Sample ID: GC-12C

York Sample ID: 15H0938-44

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 9:33 am

08/27/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS



Sample Information

Client Sample ID: GC-12C

York Sample ID: 15H0938-44

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 9:33 am

08/27/2015

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
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	08/31/2015 16:49	09/01/2015 04:29	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	08/31/2015 16:49	09/01/2015 04:29	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS



Sample Information

Client Sample ID: GC-12C

York Sample ID: 15H0938-44

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 9:33 am

08/27/2015

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
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	08/31/2015 16:49	09/01/2015 04:29	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	116 %			69-130						
2037-26-5	Surrogate: Toluene-d8	98.5 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	97.7 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	09/02/2015 08:19	09/02/2015 22:19	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	09/02/2015 08:19	09/02/2015 22:19	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	09/02/2015 08:19	09/02/2015 22:19	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR



Sample Information

Client Sample ID: GC-12C

York Sample ID: 15H0938-44

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 9:33 am

08/27/2015

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	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:15	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:15	SR
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:15	SR
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:15	SR
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR



Sample Information

Client Sample ID: GC-12C

York Sample ID: 15H0938-44

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 9:33 am

08/27/2015

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
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:15	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:15	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:15	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:15	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:15	SR
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:15	SR
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:15	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:15	SR
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:15	SR
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:15	SR



Sample Information

Client Sample ID: GC-12C

York Sample ID: 15H0938-44

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 9:33 am

08/27/2015

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
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:15	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:15	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:15	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:15	SR
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:15	SR
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:15	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:15	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:15	SR
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:15	SR
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/02/2015 22:19	SR
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:15	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	25.7 %	10-65								
4165-62-2	Surrogate: Phenol-d5	17.8 %	10-49								
4165-60-0	Surrogate: Nitrobenzene-d5	54.5 %	10-96								
321-60-8	Surrogate: 2-Fluorobiphenyl	47.0 %	10-93								
118-79-6	Surrogate: 2,4,6-Tribromophenol	64.6 %	10-128								
1718-51-0	Surrogate: Terphenyl-d14	83.7 %	10-100								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:11	AMC



Sample Information

Client Sample ID: GC-12C

York Sample ID: 15H0938-44

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 9:33 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:11	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:11	AMC
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:11	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:11	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:11	AMC
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:11	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0400	0.0400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:11	AMC
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:11	AMC
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:11	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:11	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:11	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:11	AMC
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:11	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:11	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:11	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:11	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:11	AMC
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:11	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:11	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:11	AMC
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:11	AMC

Surrogate Recoveries

Result

Acceptance Range

877-09-8 *Surrogate: Tetrachloro-m-xylene*

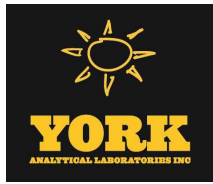
117 %

30-120

2051-24-3 *Surrogate: Decachlorobiphenyl*

102 %

30-120



Sample Information

Client Sample ID: GC-12C

York Sample ID: 15H0938-44

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 9:33 am

08/27/2015

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 05:03	09/02/2015 19:12	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 05:03	09/02/2015 19:12	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 05:03	09/02/2015 19:12	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 05:03	09/02/2015 19:12	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L	65.2 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.432		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:27	09/10/2015 14:03	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.301		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:10	09/10/2015 13:53	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:09	09/10/2015 16:15	PAM

Sample Information

Client Sample ID: GC-12D

York Sample ID: 15H0938-45

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 11:54 am

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GC-12D

York Sample ID: 15H0938-45

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 11:54 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Nitrogen	1.70		mg/L	1.00	1.20	1	varies	09/10/2015 10:51	09/10/2015 15:58	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Nitrogen, Total-Dissolved	1.30		mg/L	1.00	1.20	1	varies	09/10/2015 11:05	09/10/2015 16:07	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS



Sample Information

Client Sample ID: GC-12D

York Sample ID: 15H0938-45

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 11:54 am

08/27/2015

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS



Sample Information

Client Sample ID: GC-12D

York Sample ID: 15H0938-45

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 11:54 am

08/27/2015

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
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
100-41-4	Ethyl Benzene	0.28	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	08/31/2015 16:49	09/01/2015 04:56	SS
179601-23-1	p- & m- Xylenes	0.69	J	ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	08/31/2015 16:49	09/01/2015 04:56	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
108-88-3	Toluene	1.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS



Sample Information

Client Sample ID: GC-12D

York Sample ID: 15H0938-45

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 11:54 am

08/27/2015

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
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
1330-20-7	* Xylenes, Total	0.69	J	ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	08/31/2015 16:49	09/01/2015 04:56	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %			69-130						
2037-26-5	Surrogate: Toluene-d8	95.9 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	98.8 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	09/02/2015 08:19	09/03/2015 18:16	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	09/02/2015 08:19	09/03/2015 18:16	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	09/02/2015 08:19	09/03/2015 18:16	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH



Sample Information

Client Sample ID: GC-12D

York Sample ID: 15H0938-45

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 11:54 am

08/27/2015

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	16.0		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:47	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:47	SR
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:47	SR
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:47	SR
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH



Sample Information

Client Sample ID: GC-12D

York Sample ID: 15H0938-45

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 11:54 am

08/27/2015

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
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:47	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:47	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:47	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:47	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:47	SR
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
117-81-7	Bis(2-ethylhexyl)phthalate	1.04		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:47	SR
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:47	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:47	SR
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:47	SR
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:47	SR



Sample Information

Client Sample ID: GC-12D

York Sample ID: 15H0938-45

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 11:54 am

08/27/2015

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
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:47	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:47	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:47	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:47	SR
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:47	SR
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:47	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:47	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:47	SR
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:47	SR
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:16	KH
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 01:47	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	23.2 %	10-65
4165-62-2	Surrogate: Phenol-d5	17.4 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	68.5 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	54.4 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	82.5 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	88.8 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:26	AMC



Sample Information

Client Sample ID: GC-12D

York Sample ID: 15H0938-45

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 11:54 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:26	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:26	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:26	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:26	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:26	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:26	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:26	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:26	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:26	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:26	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:26	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:26	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:26	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:26	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:26	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:26	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:26	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:26	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:26	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:26	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:26	AMC

Surrogate Recoveries

Result

Acceptance Range

877-09-8 *Surrogate: Tetrachloro-m-xylene*

114 %

30-120

2051-24-3 *Surrogate: Decachlorobiphenyl*

103 %

30-120



Sample Information

Client Sample ID: GC-12D

York Sample ID: 15H0938-45

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 11:54 am

08/27/2015

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 05:03	09/02/2015 19:27	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 05:03	09/02/2015 19:27	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 05:03	09/02/2015 19:27	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 05:03	09/02/2015 19:27	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 86.8 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.314		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:27	09/10/2015 14:03	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0980		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:10	09/10/2015 13:53	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:09	09/10/2015 16:15	PAM

Sample Information

Client Sample ID: Replicate

York Sample ID: 15H0938-46

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:00 am

08/27/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Replicate

York Sample ID: 15H0938-46

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 12:00 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Nitrogen	1.80		mg/L	1.00	1.20	1	varies	09/10/2015 10:51	09/10/2015 15:58	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Nitrogen, Total-Dissolved	1.70		mg/L	1.00	1.20	1	varies	09/10/2015 11:05	09/10/2015 16:07	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS



Sample Information

Client Sample ID: Replicate

York Sample ID: 15H0938-46

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:00 am

08/27/2015

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
156-59-2	cis-1,2-Dichloroethylene	0.84		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS



Sample Information

Client Sample ID: Replicate

York Sample ID: 15H0938-46

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:00 am

08/27/2015

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
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	08/31/2015 16:49	09/01/2015 05:24	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	08/31/2015 16:49	09/01/2015 05:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
108-88-3	Toluene	0.85		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS



Sample Information

Client Sample ID: Replicate

York Sample ID: 15H0938-46

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:00 am

08/27/2015

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	08/31/2015 16:49	09/01/2015 05:24	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	114 %			69-130						
2037-26-5	Surrogate: Toluene-d8	96.2 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	98.7 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854	09/02/2015 08:19	09/03/2015 18:48	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854	09/02/2015 08:19	09/03/2015 18:48	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854	09/02/2015 08:19	09/03/2015 18:48	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH



Sample Information

Client Sample ID: Replicate

York Sample ID: 15H0938-46

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:00 am

08/27/2015

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
91-58-7	2-Chloronaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
95-48-7	2-Methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
83-32-9	Acenaphthene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 02:18	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 02:18	SR
98-86-2	Acetophenone	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
62-53-3	Aniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
120-12-7	Anthracene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 02:18	SR
1912-24-9	Atrazine	ND		ug/L	0.571	0.571	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 02:18	SR
100-52-7	Benzaldehyde	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
92-87-5	Benzidine	ND		ug/L	11.4	22.9	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH



Sample Information

Client Sample ID: Replicate

York Sample ID: 15H0938-46

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:00 am

08/27/2015

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
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 02:18	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 02:18	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 02:18	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 02:18	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 02:18	SR
65-85-0	Benzoic acid	ND		ug/L	28.6	57.1	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
117-81-7	Bis(2-ethylhexyl)phthalate	0.766		ug/L	0.571	0.571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 02:18	SR
105-60-2	Caprolactam	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
86-74-8	Carbazole	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
218-01-9	Chrysene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 02:18	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 02:18	SR
132-64-9	Dibenzofuran	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
206-44-0	Fluoranthene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 02:18	SR
86-73-7	Fluorene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 02:18	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0229	0.0229	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 02:18	SR



Sample Information

Client Sample ID: Replicate

York Sample ID: 15H0938-46

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:00 am

08/27/2015

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
87-68-3	Hexachlorobutadiene	ND		ug/L	0.571	0.571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 02:18	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
67-72-1	Hexachloroethane	ND		ug/L	0.571	0.571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 02:18	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 02:18	SR
78-59-1	Isophorone	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
91-20-3	Naphthalene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 02:18	SR
98-95-3	Nitrobenzene	ND		ug/L	0.286	0.286	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 02:18	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.571	0.571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 02:18	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.286	0.286	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 02:18	SR
85-01-8	Phenanthrene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 02:18	SR
108-95-2	Phenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 18:48	KH
129-00-0	Pyrene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:19	09/03/2015 02:18	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	33.1 %	10-65
4165-62-2	Surrogate: Phenol-d5	21.3 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	56.8 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	45.9 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	59.5 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	68.4 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:41	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:41	AMC



Sample Information

Client Sample ID: Replicate

York Sample ID: 15H0938-46

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:00 am

08/27/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:41	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:41	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:41	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:41	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:41	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:41	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:41	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:41	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:41	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:41	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:41	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:41	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:41	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:41	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:41	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:41	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:41	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:41	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:41	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:16	09/02/2015 21:41	AMC
	Surrogate Recoveries	Result						Acceptance Range			
877-09-8	Surrogate: Tetrachloro-m-xylene	45.7 %						30-120			
2051-24-3	Surrogate: Decachlorobiphenyl	41.3 %						30-120			

Herbicides, Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Replicate

York Sample ID: 15H0938-46

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 12:00 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 05:03	09/02/2015 19:42	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 05:03	09/02/2015 19:42	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 05:03	09/02/2015 19:42	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 05:03	09/02/2015 19:42	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 85.2 %)				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.164		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:27	09/10/2015 14:03	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.153		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/09/2015 16:10	09/10/2015 13:53	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/10/2015 11:09	09/10/2015 16:15	PAM

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 15H0938-47

<u>York Project (SDG) No.</u> 15H0938	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2015 12:00 am	<u>Date Received</u> 08/27/2015
--	---	------------------------	---	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 15H0938-47

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:00 am

08/27/2015

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,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 15H0938-47

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:00 am

08/27/2015

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
67-64-1	Acetone	9.2	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 15H0938-47

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0938

14040.1-Grand Canal

Water

August 27, 2015 12:00 am

08/27/2015

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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	08/31/2015 16:49	09/01/2015 05:51	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	08/31/2015 16:49	09/01/2015 05:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	08/31/2015 16:49	09/01/2015 05:51	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %	69-130								
2037-26-5	Surrogate: Toluene-d8	96.2 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	98.5 %	79-122								



Analytical Batch Summary

Batch ID: BH51293 **Preparation Method:** EPA 3510C **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-01	GC-1A	08/28/15
15H0938-02	GC-2A	08/28/15
15H0938-03	GC-4A	08/28/15
15H0938-04	GC-5A	08/28/15
15H0938-06	GC-7A	08/28/15
15H0938-07	GC-8A	08/28/15
15H0938-08	GC-9A	08/28/15
15H0938-09	GC-10A	08/28/15
BH51293-BLK1	Blank	08/28/15
BH51293-BS1	LCS	08/28/15
BH51293-BS2	LCS	08/28/15
BH51293-BSD1	LCS Dup	08/28/15

Batch ID: BH51360 **Preparation Method:** EPA 3535A **Prepared By:** TFD

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-01	GC-1A	08/31/15
15H0938-02	GC-2A	08/31/15
15H0938-03	GC-4A	08/31/15
15H0938-04	GC-5A	08/31/15
15H0938-05	GC-6A	08/31/15
15H0938-06	GC-7A	08/31/15
15H0938-07	GC-8A	08/31/15
15H0938-08	GC-9A	08/31/15
15H0938-09	GC-10A	08/31/15
15H0938-10	GC-1B	08/31/15
15H0938-11	GC-2B	08/31/15
15H0938-12	GC-4B	08/31/15
15H0938-13	GC-5B	08/31/15
15H0938-14	GC-6B	08/31/15
15H0938-15	GC-7B	08/31/15
15H0938-17	GC-8B	08/31/15
15H0938-18	GC-9B	08/31/15
15H0938-19	GC-10B	08/31/15
15H0938-20	GC-1C	08/31/15
15H0938-21	GC-2C	08/31/15
BH51360-BLK1	Blank	08/31/15
BH51360-BS1	LCS	08/31/15
BH51360-BSD1	LCS Dup	08/31/15

Batch ID: BH51361 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-01	GC-1A	08/31/15
15H0938-02	GC-2A	08/31/15



15H0938-03	GC-4A	08/31/15
15H0938-04	GC-5A	08/31/15
15H0938-05	GC-6A	08/31/15
15H0938-06	GC-7A	08/31/15
15H0938-07	GC-8A	08/31/15
15H0938-08	GC-9A	08/31/15
15H0938-09	GC-10A	08/31/15
15H0938-10	GC-1B	08/31/15
15H0938-11	GC-2B	08/31/15
15H0938-12	GC-4B	08/31/15
15H0938-13	GC-5B	08/31/15
15H0938-14	GC-6B	08/31/15
15H0938-15	GC-7B	08/31/15
15H0938-17	GC-8B	08/31/15
BH51361-BLK1	Blank	08/31/15
BH51361-BS1	LCS	08/31/15
BH51361-BSD1	LCS Dup	08/31/15

Batch ID: BH51372 **Preparation Method:** EPA 3510C **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-05	GC-6A	08/31/15
15H0938-10	GC-1B	08/31/15
15H0938-11	GC-2B	08/31/15
15H0938-12	GC-4B	08/31/15
15H0938-13	GC-5B	08/31/15
15H0938-15	GC-7B	08/31/15
15H0938-19	GC-10B	08/31/15
15H0938-20	GC-1C	08/31/15
15H0938-21	GC-2C	08/31/15
15H0938-22	GC-4C	08/31/15
15H0938-24	GC-6C	08/31/15
15H0938-25	GC-7C	08/31/15
15H0938-26	GC-8C	08/31/15
15H0938-28	GC-10C	08/31/15
15H0938-29	GC-1D	08/31/15
BH51372-BLK1	Blank	08/31/15
BH51372-BS1	LCS	08/31/15
BH51372-BS2	LCS	08/31/15
BH51372-BSD1	LCS Dup	08/31/15

Batch ID: BH51409 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-01	GC-1A	08/31/15
15H0938-02	GC-2A	08/31/15
15H0938-03	GC-4A	08/31/15
15H0938-04	GC-5A	08/31/15
15H0938-05	GC-6A	08/31/15
15H0938-07	GC-8A	08/31/15
15H0938-08	GC-9A	08/31/15
15H0938-44	GC-12C	08/31/15



15H0938-45	GC-12D	08/31/15
15H0938-46	Replicate	08/31/15
15H0938-47	Trip Blank	08/31/15
BH51409-BLK1	Blank	08/31/15
BH51409-BS1	LCS	08/31/15
BH51409-BSD1	LCS Dup	08/31/15

Batch ID: BI50001 **Preparation Method:** EPA 3535A **Prepared By:** TFD

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-22	GC-4C	09/01/15
15H0938-23	GC-5C	09/01/15
15H0938-24	GC-6C	09/01/15
15H0938-25	GC-7C	09/01/15
15H0938-26	GC-8C	09/01/15
15H0938-27	GC-9C	09/01/15
15H0938-28	GC-10C	09/01/15
15H0938-29	GC-1D	09/01/15
15H0938-30	GC-2D	09/01/15
15H0938-31	GC-4D	09/01/15
15H0938-32	GC-5D	09/01/15
15H0938-33	GC-6D	09/01/15
15H0938-34	GC-7D	09/01/15
15H0938-35	GC-8D	09/01/15
15H0938-36	GC-9D	09/01/15
15H0938-37	GC-10D	09/01/15
15H0938-38	GC-11A	09/01/15
15H0938-39	GC-11B	09/01/15
15H0938-40	GC-11C	09/01/15
15H0938-41	GC-11D	09/01/15
BI50001-BLK1	Blank	09/01/15
BI50001-BS1	LCS	09/01/15
BI50001-BSD1	LCS Dup	09/01/15

Batch ID: BI50020 **Preparation Method:** EPA 3510C **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-14	GC-6B	09/01/15
15H0938-17	GC-8B	09/01/15
15H0938-18	GC-9B	09/01/15
15H0938-23	GC-5C	09/01/15
15H0938-27	GC-9C	09/01/15
15H0938-30	GC-2D	09/01/15
15H0938-31	GC-4D	09/01/15
15H0938-32	GC-5D	09/01/15
15H0938-33	GC-6D	09/01/15
15H0938-35	GC-8D	09/01/15
15H0938-36	GC-9D	09/01/15
15H0938-37	GC-10D	09/01/15
15H0938-38	GC-11A	09/01/15
15H0938-40	GC-11C	09/01/15
15H0938-42	GC-12A	09/01/15



BI50020-BLK1	Blank	09/01/15
BI50020-BS1	LCS	09/01/15
BI50020-BS2	LCS	09/01/15
BI50020-BSD1	LCS Dup	09/01/15

Batch ID: BI50021 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-18	GC-9B	09/01/15
15H0938-19	GC-10B	09/01/15
15H0938-20	GC-1C	09/01/15
15H0938-21	GC-2C	09/01/15
15H0938-22	GC-4C	09/01/15
15H0938-23	GC-5C	09/01/15
15H0938-24	GC-6C	09/01/15
15H0938-25	GC-7C	09/01/15
15H0938-26	GC-8C	09/01/15
15H0938-27	GC-9C	09/01/15
15H0938-28	GC-10C	09/01/15
15H0938-29	GC-1D	09/01/15
15H0938-30	GC-2D	09/01/15
15H0938-31	GC-4D	09/01/15
15H0938-32	GC-5D	09/01/15
15H0938-33	GC-6D	09/01/15
15H0938-34	GC-7D	09/01/15
15H0938-35	GC-8D	09/01/15
BI50021-BLK1	Blank	09/01/15
BI50021-BS1	LCS	09/01/15
BI50021-BSD1	LCS Dup	09/01/15

Batch ID: BI50051 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-09	GC-10A	09/01/15
15H0938-10	GC-1B	09/01/15
15H0938-11	GC-2B	09/01/15
15H0938-12	GC-4B	09/01/15
BI50051-BLK1	Blank	09/01/15
BI50051-BS1	LCS	09/01/15
BI50051-BSD1	LCS Dup	09/01/15

Batch ID: BI50065 **Preparation Method:** EPA 3535A **Prepared By:** TFD

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-42	GC-12A	09/02/15
15H0938-43	GC-12B	09/02/15
15H0938-44	GC-12C	09/02/15
15H0938-45	GC-12D	09/02/15
15H0938-46	Replicate	09/02/15
BI50065-BLK1	Blank	09/02/15
BI50065-BS1	LCS	09/02/15



BI50065-BSD1

LCS Dup

09/02/15

Batch ID: BI50077

Preparation Method: EPA SW846-3510C Low Level

Prepared By: KAT

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-36	GC-9D	09/02/15
15H0938-37	GC-10D	09/02/15
15H0938-38	GC-11A	09/02/15
15H0938-39	GC-11B	09/02/15
15H0938-40	GC-11C	09/02/15
15H0938-41	GC-11D	09/02/15
15H0938-42	GC-12A	09/02/15
15H0938-43	GC-12B	09/02/15
15H0938-44	GC-12C	09/02/15
15H0938-45	GC-12D	09/02/15
15H0938-46	Replicate	09/02/15
BI50077-BLK1	Blank	09/02/15
BI50077-BS1	LCS	09/02/15
BI50077-BSD1	LCS Dup	09/02/15

Batch ID: BI50078

Preparation Method: EPA 3510C

Prepared By: KAT

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-43	GC-12B	09/02/15
15H0938-44	GC-12C	09/02/15
15H0938-45	GC-12D	09/02/15
15H0938-46	Replicate	09/02/15
BI50078-BLK1	Blank	09/02/15
BI50078-BS1	LCS	09/02/15
BI50078-BS2	LCS	09/02/15
BI50078-BSD1	LCS Dup	09/02/15

Batch ID: BI50084

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-30	GC-2D	09/02/15
15H0938-32	GC-5D	09/02/15
15H0938-33	GC-6D	09/02/15
15H0938-34	GC-7D	09/02/15
15H0938-35	GC-8D	09/02/15
15H0938-36	GC-9D	09/02/15
15H0938-37	GC-10D	09/02/15
15H0938-38	GC-11A	09/02/15
15H0938-39	GC-11B	09/02/15
15H0938-40	GC-11C	09/02/15
BI50084-BLK1	Blank	09/02/15
BI50084-BS1	LCS	09/02/15
BI50084-BSD1	LCS Dup	09/02/15



Batch ID: BI50085

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-13	GC-5B	09/02/15
15H0938-14	GC-6B	09/02/15
15H0938-15	GC-7B	09/02/15
15H0938-17	GC-8B	09/02/15
15H0938-18	GC-9B	09/02/15
15H0938-19	GC-10B	09/02/15
15H0938-20	GC-1C	09/02/15
15H0938-21	GC-2C	09/02/15
15H0938-22	GC-4C	09/02/15
15H0938-23	GC-5C	09/02/15
15H0938-24	GC-6C	09/02/15
15H0938-25	GC-7C	09/02/15
15H0938-26	GC-8C	09/02/15
15H0938-27	GC-9C	09/02/15
15H0938-28	GC-10C	09/02/15
15H0938-29	GC-1D	09/02/15
BI50085-BLK1	Blank	09/02/15
BI50085-BS1	LCS	09/02/15
BI50085-BSD1	LCS Dup	09/02/15

Batch ID: BI50138

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-43	GC-12B	09/02/15
BI50138-BLK1	Blank	09/02/15
BI50138-BS1	LCS	09/02/15
BI50138-BSD1	LCS Dup	09/02/15

Batch ID: BI50174

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-31	GC-4D	09/03/15
15H0938-41	GC-11D	09/03/15
15H0938-42	GC-12A	09/03/15
BI50174-BLK1	Blank	09/03/15
BI50174-BS1	LCS	09/03/15
BI50174-BSD1	LCS Dup	09/03/15

Batch ID: BI50242

Preparation Method: EPA 3510C

Prepared By: KAT

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-34	GC-7D	09/04/15
15H0938-39	GC-11B	09/04/15
15H0938-41	GC-11D	09/04/15
BI50242-BLK1	Blank	09/04/15
BI50242-BS1	LCS	09/04/15
BI50242-BS2	LCS	09/04/15



Batch ID: BI50249

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-06	GC-7A	09/04/15
BI50249-BLK1	Blank	09/04/15
BI50249-BS1	LCS	09/04/15
BI50249-BSD1	LCS Dup	09/04/15

Batch ID: BI50324

Preparation Method: Analysis Preparation

Prepared By: SC

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-01	GC-1A	09/08/15
15H0938-02	GC-2A	09/08/15
15H0938-03	GC-4A	09/08/15
15H0938-04	GC-5A	09/08/15
15H0938-05	GC-6A	09/08/15
15H0938-06	GC-7A	09/08/15
15H0938-07	GC-8A	09/08/15
15H0938-08	GC-9A	09/08/15
15H0938-09	GC-10A	09/08/15
15H0938-10	GC-1B	09/08/15
15H0938-11	GC-2B	09/08/15
15H0938-12	GC-4B	09/08/15
15H0938-13	GC-5B	09/08/15
15H0938-14	GC-6B	09/08/15
15H0938-15	GC-7B	09/08/15
15H0938-17	GC-8B	09/08/15
15H0938-18	GC-9B	09/08/15
15H0938-19	GC-10B	09/08/15
15H0938-20	GC-1C	09/08/15
BI50324-BLK1	Blank	09/08/15
BI50324-BS1	LCS	09/08/15
BI50324-DUP1	Duplicate	09/08/15
BI50324-MS1	Matrix Spike	09/08/15

Batch ID: BI50395

Preparation Method: Analysis Preparation

Prepared By: SC

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-21	GC-2C	09/09/15
15H0938-22	GC-4C	09/09/15
15H0938-23	GC-5C	09/09/15
15H0938-24	GC-6C	09/09/15
15H0938-25	GC-7C	09/09/15
15H0938-26	GC-8C	09/09/15
15H0938-27	GC-9C	09/09/15
15H0938-28	GC-10C	09/09/15
15H0938-29	GC-1D	09/09/15
15H0938-30	GC-2D	09/09/15
15H0938-31	GC-4D	09/09/15
15H0938-32	GC-5D	09/09/15



15H0938-33	GC-6D	09/09/15
15H0938-34	GC-7D	09/09/15
15H0938-35	GC-8D	09/09/15
15H0938-36	GC-9D	09/09/15
15H0938-37	GC-10D	09/09/15
15H0938-38	GC-11A	09/09/15
15H0938-39	GC-11B	09/09/15
15H0938-40	GC-11C	09/09/15
BI50395-BLK1	Blank	09/09/15
BI50395-BS1	LCS	09/09/15
BI50395-DUP1	Duplicate	09/09/15
BI50395-MS1	Matrix Spike	09/09/15

Batch ID: BI50419 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-01	GC-1A	09/09/15
15H0938-02	GC-2A	09/09/15
15H0938-03	GC-4A	09/09/15
15H0938-04	GC-5A	09/09/15
15H0938-05	GC-6A	09/09/15
15H0938-06	GC-7A	09/09/15
15H0938-07	GC-8A	09/09/15
15H0938-08	GC-9A	09/09/15
15H0938-09	GC-10A	09/09/15
15H0938-10	GC-1B	09/09/15
15H0938-11	GC-2B	09/09/15
15H0938-12	GC-4B	09/09/15
15H0938-13	GC-5B	09/09/15
15H0938-14	GC-6B	09/09/15
15H0938-41	GC-11D	09/09/15
15H0938-42	GC-12A	09/09/15
15H0938-43	GC-12B	09/09/15
15H0938-44	GC-12C	09/09/15
15H0938-45	GC-12D	09/09/15
15H0938-46	Replicate	09/09/15
BI50419-BLK1	Blank	09/09/15
BI50419-BS1	LCS	09/09/15
BI50419-DUP1	Duplicate	09/09/15
BI50419-MS1	Matrix Spike	09/09/15

Batch ID: BI50420 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-15	GC-7B	09/09/15
15H0938-17	GC-8B	09/09/15
15H0938-18	GC-9B	09/09/15
15H0938-19	GC-10B	09/09/15
15H0938-20	GC-1C	09/09/15
15H0938-21	GC-2C	09/09/15
15H0938-22	GC-4C	09/09/15
15H0938-23	GC-5C	09/09/15



15H0938-24	GC-6C	09/09/15
15H0938-25	GC-7C	09/09/15
15H0938-26	GC-8C	09/09/15
15H0938-27	GC-9C	09/09/15
15H0938-28	GC-10C	09/09/15
15H0938-29	GC-1D	09/09/15
15H0938-30	GC-2D	09/09/15
15H0938-31	GC-4D	09/09/15
15H0938-32	GC-5D	09/09/15
15H0938-33	GC-6D	09/09/15
15H0938-34	GC-7D	09/09/15
15H0938-35	GC-8D	09/09/15
BI50420-BLK1	Blank	09/09/15
BI50420-BS1	LCS	09/09/15
BI50420-DUP1	Duplicate	09/09/15
BI50420-MS1	Matrix Spike	09/09/15

Batch ID: BI50421 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-36	GC-9D	09/09/15
15H0938-37	GC-10D	09/09/15
15H0938-38	GC-11A	09/09/15
15H0938-39	GC-11B	09/09/15
15H0938-40	GC-11C	09/09/15
15H0938-41	GC-11D	09/09/15
15H0938-42	GC-12A	09/09/15
15H0938-43	GC-12B	09/09/15
15H0938-44	GC-12C	09/09/15
15H0938-45	GC-12D	09/09/15
15H0938-46	Replicate	09/09/15
BI50421-BLK1	Blank	09/09/15
BI50421-BS1	LCS	09/09/15
BI50421-DUP1	Duplicate	09/09/15
BI50421-MS1	Matrix Spike	09/09/15

Batch ID: BI50462 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-01	GC-1A	09/10/15
15H0938-02	GC-2A	09/10/15
15H0938-03	GC-4A	09/10/15
15H0938-04	GC-5A	09/10/15
15H0938-05	GC-6A	09/10/15
15H0938-06	GC-7A	09/10/15
15H0938-07	GC-8A	09/10/15
15H0938-08	GC-9A	09/10/15
15H0938-09	GC-10A	09/10/15
15H0938-10	GC-1B	09/10/15
15H0938-11	GC-2B	09/10/15
15H0938-12	GC-4B	09/10/15
15H0938-13	GC-5B	09/10/15



15H0938-14	GC-6B	09/10/15
15H0938-15	GC-7B	09/10/15
15H0938-17	GC-8B	09/10/15
15H0938-18	GC-9B	09/10/15
15H0938-19	GC-10B	09/10/15
15H0938-20	GC-1C	09/10/15
15H0938-21	GC-2C	09/10/15
BI50462-BLK1	Blank	09/10/15
BI50462-BS1	LCS	09/10/15
BI50462-DUP1	Duplicate	09/10/15

Batch ID: BI50463 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-22	GC-4C	09/10/15
15H0938-23	GC-5C	09/10/15
15H0938-24	GC-6C	09/10/15
15H0938-25	GC-7C	09/10/15
15H0938-26	GC-8C	09/10/15
15H0938-27	GC-9C	09/10/15
15H0938-28	GC-10C	09/10/15
15H0938-29	GC-1D	09/10/15
15H0938-30	GC-2D	09/10/15
15H0938-31	GC-4D	09/10/15
15H0938-32	GC-5D	09/10/15
15H0938-33	GC-6D	09/10/15
15H0938-34	GC-7D	09/10/15
15H0938-35	GC-8D	09/10/15
15H0938-36	GC-9D	09/10/15
15H0938-37	GC-10D	09/10/15
15H0938-38	GC-11A	09/10/15
15H0938-39	GC-11B	09/10/15
15H0938-40	GC-11C	09/10/15
15H0938-41	GC-11D	09/10/15
BI50463-BLK1	Blank	09/10/15
BI50463-BS1	LCS	09/10/15
BI50463-DUP1	Duplicate	09/10/15

Batch ID: BI50464 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-42	GC-12A	09/10/15
15H0938-43	GC-12B	09/10/15
15H0938-44	GC-12C	09/10/15
15H0938-45	GC-12D	09/10/15
15H0938-46	Replicate	09/10/15
BI50464-BLK1	Blank	09/10/15
BI50464-BS1	LCS	09/10/15
BI50464-DUP1	Duplicate	09/10/15



Batch ID: BI50465

Preparation Method: Analysis Preparation

Prepared By: PAM

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-01	GC-1A	09/10/15
15H0938-02	GC-2A	09/10/15
15H0938-03	GC-4A	09/10/15
15H0938-04	GC-5A	09/10/15
15H0938-05	GC-6A	09/10/15
15H0938-06	GC-7A	09/10/15
15H0938-07	GC-8A	09/10/15
15H0938-08	GC-9A	09/10/15
15H0938-09	GC-10A	09/10/15
15H0938-10	GC-1B	09/10/15
15H0938-11	GC-2B	09/10/15
15H0938-12	GC-4B	09/10/15
15H0938-13	GC-5B	09/10/15
15H0938-14	GC-6B	09/10/15
15H0938-15	GC-7B	09/10/15
15H0938-17	GC-8B	09/10/15
15H0938-18	GC-9B	09/10/15
15H0938-19	GC-10B	09/10/15
15H0938-20	GC-1C	09/10/15
15H0938-21	GC-2C	09/10/15
BI50465-BLK1	Blank	09/10/15
BI50465-BS1	LCS	09/10/15
BI50465-DUP1	Duplicate	09/10/15

Batch ID: BI50468

Preparation Method: Analysis Preparation

Prepared By: PAM

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-22	GC-4C	09/10/15
15H0938-23	GC-5C	09/10/15
15H0938-24	GC-6C	09/10/15
15H0938-25	GC-7C	09/10/15
15H0938-26	GC-8C	09/10/15
15H0938-27	GC-9C	09/10/15
15H0938-28	GC-10C	09/10/15
15H0938-29	GC-1D	09/10/15
15H0938-30	GC-2D	09/10/15
15H0938-31	GC-4D	09/10/15
15H0938-32	GC-5D	09/10/15
15H0938-33	GC-6D	09/10/15
15H0938-34	GC-7D	09/10/15
15H0938-35	GC-8D	09/10/15
15H0938-36	GC-9D	09/10/15
15H0938-37	GC-10D	09/10/15
15H0938-38	GC-11A	09/10/15
15H0938-39	GC-11B	09/10/15
15H0938-40	GC-11C	09/10/15
15H0938-41	GC-11D	09/10/15
BI50468-BLK1	Blank	09/10/15
BI50468-BS1	LCS	09/10/15



BI50468-DUP1 Duplicate 09/10/15

Batch ID: BI50469 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-42	GC-12A	09/10/15
15H0938-43	GC-12B	09/10/15
15H0938-44	GC-12C	09/10/15
15H0938-45	GC-12D	09/10/15
15H0938-46	Replicate	09/10/15
BI50469-BLK1	Blank	09/10/15
BI50469-BS1	LCS	09/10/15
BI50469-DUP1	Duplicate	09/10/15

Batch ID: BI50470 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-01	GC-1A	09/10/15
15H0938-02	GC-2A	09/10/15
15H0938-03	GC-4A	09/10/15
15H0938-04	GC-5A	09/10/15
15H0938-05	GC-6A	09/10/15
15H0938-06	GC-7A	09/10/15
15H0938-07	GC-8A	09/10/15
15H0938-08	GC-9A	09/10/15
15H0938-09	GC-10A	09/10/15
15H0938-10	GC-1B	09/10/15
15H0938-11	GC-2B	09/10/15
15H0938-12	GC-4B	09/10/15
15H0938-13	GC-5B	09/10/15
15H0938-14	GC-6B	09/10/15
15H0938-15	GC-7B	09/10/15
15H0938-17	GC-8B	09/10/15
15H0938-18	GC-9B	09/10/15
15H0938-19	GC-10B	09/10/15
15H0938-20	GC-1C	09/10/15
15H0938-21	GC-2C	09/10/15
BI50470-DUP1	Duplicate	09/10/15

Batch ID: BI50471 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

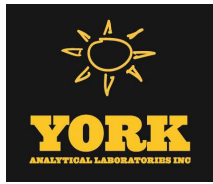
YORK Sample ID	Client Sample ID	Preparation Date
15H0938-22	GC-4C	09/10/15
15H0938-23	GC-5C	09/10/15
15H0938-24	GC-6C	09/10/15
15H0938-25	GC-7C	09/10/15
15H0938-26	GC-8C	09/10/15
15H0938-27	GC-9C	09/10/15
15H0938-28	GC-10C	09/10/15
15H0938-29	GC-1D	09/10/15
15H0938-30	GC-2D	09/10/15



15H0938-31	GC-4D	09/10/15
15H0938-32	GC-5D	09/10/15
15H0938-33	GC-6D	09/10/15
15H0938-34	GC-7D	09/10/15
15H0938-35	GC-8D	09/10/15
15H0938-36	GC-9D	09/10/15
15H0938-37	GC-10D	09/10/15
15H0938-38	GC-11A	09/10/15
15H0938-39	GC-11B	09/10/15
15H0938-40	GC-11C	09/10/15
15H0938-41	GC-11D	09/10/15
BI50471-DUP1	Duplicate	09/10/15

Batch ID: BI50473 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
15H0938-42	GC-12A	09/10/15
15H0938-43	GC-12B	09/10/15
15H0938-44	GC-12C	09/10/15
15H0938-45	GC-12D	09/10/15
15H0938-46	Replicate	09/10/15
BI50473-DUP1	Duplicate	09/10/15



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

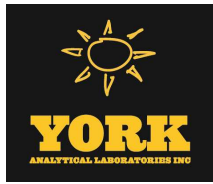
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BI50462 - Analysis Preparation

Blank (BI50462-BLK1)

Prepared & Analyzed: 09/10/2015

Total Nitrogen	ND	1.00	mg/L								
----------------	----	------	------	--	--	--	--	--	--	--	--



Automated Cadmium Reduction - Quality Control Data

York Analytical Laboratories, Inc.

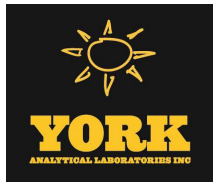
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BI50462 - Analysis Preparation

LCS (BI50462-BS1)

Prepared & Analyzed: 09/10/2015

Total Nitrogen	111	1.00	mg/L				70-130				
----------------	-----	------	------	--	--	--	--------	--	--	--	--



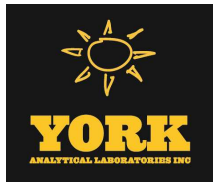
Automated Cadmium Reduction - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50462 - Analysis Preparation

Duplicate (BI50462-DUP1)	*Source sample: 15H0938-01 (GC-1A)						Prepared & Analyzed: 09/10/2015				
Total Nitrogen	2.20	1.00	mg/L		2.20				0.00	200	



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

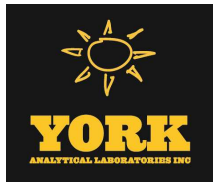
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BI50463 - Analysis Preparation

Blank (BI50463-BLK1)

Prepared & Analyzed: 09/10/2015

Total Nitrogen	ND	1.00	mg/L								
----------------	----	------	------	--	--	--	--	--	--	--	--



Automated Cadmium Reduction - Quality Control Data

York Analytical Laboratories, Inc.

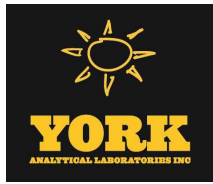
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BI50463 - Analysis Preparation

LCS (BI50463-BS1)

Prepared & Analyzed: 09/10/2015

Total Nitrogen	111	1.00	mg/L				70-130				
----------------	-----	------	------	--	--	--	--------	--	--	--	--

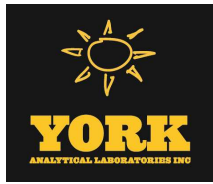


Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BI50463 - Analysis Preparation

Duplicate (BI50463-DUP1)	*Source sample: 15H0938-22 (GC-4C)						Prepared & Analyzed: 09/10/2015				
Total Nitrogen	2.80	1.00	mg/L		2.20				24.0	200	



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

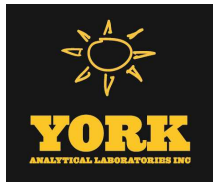
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BI50464 - Analysis Preparation

Blank (BI50464-BLK1)

Prepared & Analyzed: 09/10/2015

Total Nitrogen	ND	1.00	mg/L								
----------------	----	------	------	--	--	--	--	--	--	--	--



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

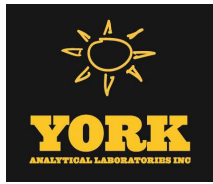
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BI50464 - Analysis Preparation

LCS (BI50464-BS1)

Prepared & Analyzed: 09/10/2015

Total Nitrogen	110	1.00	mg/L				70-130				
----------------	-----	------	------	--	--	--	--------	--	--	--	--

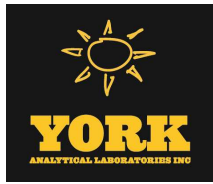


Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BI50464 - Analysis Preparation

Duplicate (BI50464-DUP1)	*Source sample: 15H0938-42 (GC-12A)						Prepared & Analyzed: 09/10/2015				
Total Nitrogen	2.20	1.00	mg/L		2.10				4.65	200	



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

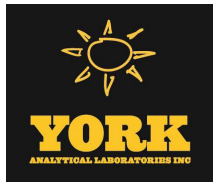
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BI50465 - Analysis Preparation

Blank (BI50465-BLK1)

Prepared & Analyzed: 09/10/2015

Nitrogen, Total-Dissolved - Dissolved	ND	1.00	mg/L								
---------------------------------------	----	------	------	--	--	--	--	--	--	--	--



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

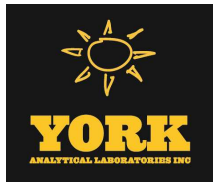
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BI50465 - Analysis Preparation

LCS (BI50465-BS1)

Prepared & Analyzed: 09/10/2015

Nitrogen, Total-Dissolved - Dissolved	108	1.00	mg/L				70-130				
---------------------------------------	-----	------	------	--	--	--	--------	--	--	--	--

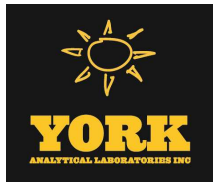


Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BI50465 - Analysis Preparation

Duplicate (BI50465-DUP1)	*Source sample: 15H0938-01 (GC-1A)						Prepared & Analyzed: 09/10/2015				
Nitrogen, Total-Dissolved - Dissolved	1.80	1.00	mg/L		1.90				5.41	200	



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

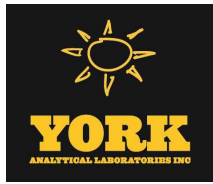
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BI50468 - Analysis Preparation

Blank (BI50468-BLK1)

Prepared & Analyzed: 09/10/2015

Nitrogen, Total-Dissolved - Dissolved	ND	1.00	mg/L								
---------------------------------------	----	------	------	--	--	--	--	--	--	--	--



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

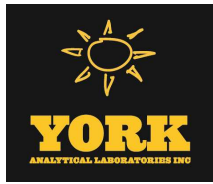
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BI50468 - Analysis Preparation

LCS (BI50468-BS1)

Prepared & Analyzed: 09/10/2015

Nitrogen, Total-Dissolved - Dissolved	110	1.00	mg/L				70-130				
---------------------------------------	-----	------	------	--	--	--	--------	--	--	--	--

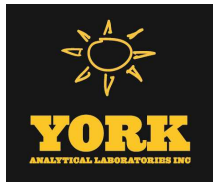


Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BI50468 - Analysis Preparation

Duplicate (BI50468-DUP1)	*Source sample: 15H0938-22 (GC-4C)						Prepared & Analyzed: 09/10/2015				
Nitrogen, Total-Dissolved - Dissolved	2.00	1.00	mg/L		1.90				5.13	200	



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

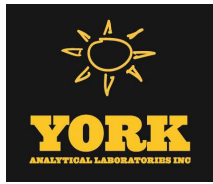
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BI50469 - Analysis Preparation

Blank (BI50469-BLK1)

Prepared & Analyzed: 09/10/2015

Nitrogen, Total-Dissolved - Dissolved	ND	1.00	mg/L								
---------------------------------------	----	------	------	--	--	--	--	--	--	--	--



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

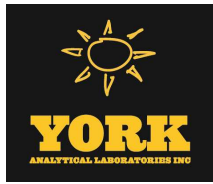
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BI50469 - Analysis Preparation

LCS (BI50469-BS1)

Prepared & Analyzed: 09/10/2015

Nitrogen, Total-Dissolved - Dissolved	110	1.00	mg/L				70-130				
---------------------------------------	-----	------	------	--	--	--	--------	--	--	--	--



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BI50469 - Analysis Preparation

Duplicate (BI50469-DUP1)	*Source sample: 15H0938-42 (GC-12A)						Prepared & Analyzed: 09/10/2015					
Nitrogen, Total-Dissolved - Dissolved	1.50	1.00	mg/L		1.40				6.90	200		



Automated Cadmium Reduction - Quality Control Data

York Analytical Laboratories, Inc.

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

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BH51409 - EPA 5030B

Blank (BH51409-BLK1)

Prepared: 08/31/2015 Analyzed: 09/01/2015

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	0.50	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.50	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
1,4-Dioxane	ND	80	"
2-Butanone	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	ND	2.0	"
Acrolein	ND	2.0	"
Acrylonitrile	ND	0.50	"
Benzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon disulfide	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Cyclohexane	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BH51409 - EPA 5030B

Blank (BH51409-BLK1)

Prepared: 08/31/2015 Analyzed: 09/01/2015

Isopropylbenzene	ND	0.50	ug/L							
Methyl acetate	ND	0.50	"							
Methyl tert-butyl ether (MTBE)	ND	0.50	"							
Methylcyclohexane	ND	0.50	"							
Methylene chloride	ND	2.0	"							
n-Butylbenzene	ND	0.50	"							
n-Propylbenzene	ND	0.50	"							
o-Xylene	ND	0.50	"							
p- & m- Xylenes	ND	1.0	"							
p-Isopropyltoluene	ND	0.50	"							
sec-Butylbenzene	ND	0.50	"							
Styrene	ND	0.50	"							
tert-Butyl alcohol (TBA)	ND	2.0	"							
tert-Butylbenzene	ND	0.50	"							
Tetrachloroethylene	ND	0.50	"							
Toluene	ND	0.50	"							
trans-1,2-Dichloroethylene	ND	0.50	"							
trans-1,3-Dichloropropylene	ND	0.50	"							
Trichloroethylene	ND	0.50	"							
Trichlorofluoromethane	ND	0.50	"							
Vinyl Chloride	ND	0.50	"							
Xylenes, Total	ND	1.5	"							

<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.79</i>		<i>"</i>	<i>10.0</i>	<i>97.9</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.87</i>		<i>"</i>	<i>10.0</i>	<i>98.7</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.8</i>		<i>"</i>	<i>10.0</i>	<i>108</i>	<i>79-122</i>				

LCS (BH51409-BS1)

Prepared: 08/31/2015 Analyzed: 09/01/2015

1,1,1,2-Tetrachloroethane	9.8		ug/L	10.0	98.4	82-126				
1,1,1-Trichloroethane	10		"	10.0	101	78-136				
1,1,2,2-Tetrachloroethane	10		"	10.0	100	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0	112	54-165				
1,1,2-Trichloroethane	9.6		"	10.0	96.0	82-123				
1,1-Dichloroethane	10		"	10.0	102	82-129				
1,1-Dichloroethylene	11		"	10.0	110	68-138				
1,2,3-Trichlorobenzene	10		"	10.0	101	76-136				
1,2,3-Trichloropropane	9.5		"	10.0	95.3	77-128				
1,2,4-Trichlorobenzene	9.9		"	10.0	98.6	76-137				
1,2,4-Trimethylbenzene	11		"	10.0	109	82-132				
1,2-Dibromo-3-chloropropane	8.5		"	10.0	84.6	45-147				
1,2-Dibromoethane	9.6		"	10.0	96.0	83-124				
1,2-Dichlorobenzene	10		"	10.0	99.7	79-123				
1,2-Dichloroethane	9.8		"	10.0	98.4	73-132				
1,2-Dichloropropane	9.9		"	10.0	99.3	78-126				
1,3,5-Trimethylbenzene	11		"	10.0	110	80-131				
1,3-Dichlorobenzene	10		"	10.0	99.7	86-122				
1,4-Dichlorobenzene	10		"	10.0	100	85-124				
1,4-Dioxane	390		"	200	195	10-349				
2-Butanone	6.5		"	10.0	65.1	49-152				
2-Hexanone	9.8		"	10.0	97.5	51-146				
4-Methyl-2-pentanone	10		"	10.0	104	57-145				
Acetone	10		"	10.0	102	14-150				
Acrolein	9.2		"	10.0	91.7	10-153				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BH51409 - EPA 5030B

LCS (BH51409-BS1)

Prepared: 08/31/2015 Analyzed: 09/01/2015

Acrylonitrile	8.2		ug/L	10.0		82.1	51-150				
Benzene	10		"	10.0		104	85-126				
Bromochloromethane	10		"	10.0		99.5	77-128				
Bromodichloromethane	9.9		"	10.0		98.9	79-128				
Bromoform	9.4		"	10.0		93.6	78-133				
Bromomethane	12		"	10.0		115	43-168				
Carbon disulfide	10		"	10.0		102	68-146				
Carbon tetrachloride	11		"	10.0		107	77-141				
Chlorobenzene	10		"	10.0		102	88-120				
Chloroethane	10		"	10.0		101	65-136				
Chloroform	10		"	10.0		101	82-128				
Chloromethane	11		"	10.0		110	43-155				
cis-1,2-Dichloroethylene	10		"	10.0		99.5	83-129				
cis-1,3-Dichloropropylene	9.7		"	10.0		96.8	80-131				
Cyclohexane	12		"	10.0		115	63-149				
Dibromochloromethane	9.8		"	10.0		98.0	80-130				
Dibromomethane	9.3		"	10.0		93.3	72-134				
Dichlorodifluoromethane	15		"	10.0		146	44-144	High Bias			
Ethyl Benzene	11		"	10.0		108	80-131				
Hexachlorobutadiene	11		"	10.0		108	67-146				
Isopropylbenzene	11		"	10.0		112	76-140				
Methyl acetate	8.5		"	10.0		85.3	51-139				
Methyl tert-butyl ether (MTBE)	10		"	10.0		99.9	76-135				
Methylcyclohexane	11		"	10.0		113	72-143				
Methylene chloride	9.7		"	10.0		96.7	55-137				
n-Butylbenzene	11		"	10.0		107	79-132				
n-Propylbenzene	11		"	10.0		112	78-133				
o-Xylene	11		"	10.0		107	78-130				
p- & m- Xylenes	22		"	20.0		109	77-133				
p-Isopropyltoluene	11		"	10.0		110	81-136				
sec-Butylbenzene	11		"	10.0		113	79-137				
Styrene	10		"	10.0		104	67-132				
tert-Butyl alcohol (TBA)	9.0		"	10.0		89.5	25-162				
tert-Butylbenzene	11		"	10.0		109	77-138				
Tetrachloroethylene	11		"	10.0		105	82-131				
Toluene	10		"	10.0		104	80-127				
trans-1,2-Dichloroethylene	10		"	10.0		104	80-132				
trans-1,3-Dichloropropylene	9.5		"	10.0		94.9	78-131				
Trichloroethylene	10		"	10.0		105	82-128				
Trichlorofluoromethane	11		"	10.0		108	67-139				
Vinyl Chloride	12		"	10.0		122	58-145				
Surrogate: 1,2-Dichloroethane-d4	9.88		"	10.0		98.8	69-130				
Surrogate: Toluene-d8	10.2		"	10.0		102	81-117				
Surrogate: p-Bromofluorobenzene	9.92		"	10.0		99.2	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source*		%REC Limits	Flag	RPD	
		Limit	Units		Result	%REC			RPD	Limit
Batch BH51409 - EPA 5030B										
LCS Dup (BH51409-BSD1)										
Prepared: 08/31/2015 Analyzed: 09/01/2015										
1,1,1,2-Tetrachloroethane	10		ug/L	10.0	102	82-126			3.10	30
1,1,1-Trichloroethane	10		"	10.0	101	78-136			0.00	30
1,1,2,2-Tetrachloroethane	10		"	10.0	101	76-129			1.19	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0	114	54-165			0.885	30
1,1,2-Trichloroethane	10		"	10.0	104	82-123			7.90	30
1,1-Dichloroethane	11		"	10.0	106	82-129			4.23	30
1,1-Dichloroethylene	11		"	10.0	110	68-138			0.182	30
1,2,3-Trichlorobenzene	10		"	10.0	102	76-136			0.197	30
1,2,3-Trichloropropane	9.7		"	10.0	97.2	77-128			1.97	30
1,2,4-Trichlorobenzene	10		"	10.0	103	76-137			4.46	30
1,2,4-Trimethylbenzene	11		"	10.0	110	82-132			1.09	30
1,2-Dibromo-3-chloropropane	9.0		"	10.0	90.3	45-147			6.52	30
1,2-Dibromoethane	10		"	10.0	102	83-124			5.57	30
1,2-Dichlorobenzene	10		"	10.0	101	79-123			0.998	30
1,2-Dichloroethane	9.9		"	10.0	99.0	73-132			0.608	30
1,2-Dichloropropane	11		"	10.0	108	78-126			8.02	30
1,3,5-Trimethylbenzene	11		"	10.0	111	80-131			1.27	30
1,3-Dichlorobenzene	10		"	10.0	102	86-122			2.18	30
1,4-Dichlorobenzene	10		"	10.0	105	85-124			4.20	30
1,4-Dioxane	470		"	200	235	10-349			19.0	30
2-Butanone	9.8		"	10.0	98.4	49-152			40.7	30 Non-dir.
2-Hexanone	10		"	10.0	103	51-146			5.58	30
4-Methyl-2-pentanone	11		"	10.0	108	57-145			4.43	30
Acetone	10		"	10.0	100	14-150			1.39	30
Acrolein	9.6		"	10.0	96.2	10-153			4.79	30
Acrylonitrile	8.4		"	10.0	83.9	51-150			2.17	30
Benzene	11		"	10.0	109	85-126			4.14	30
Bromochloromethane	10		"	10.0	101	77-128			1.89	30
Bromodichloromethane	10		"	10.0	103	79-128			4.35	30
Bromoform	9.9		"	10.0	98.7	78-133			5.30	30
Bromomethane	10		"	10.0	102	43-168			12.0	30
Carbon disulfide	11		"	10.0	107	68-146			4.30	30
Carbon tetrachloride	11		"	10.0	108	77-141			1.02	30
Chlorobenzene	10		"	10.0	104	88-120			1.65	30
Chloroethane	10		"	10.0	99.8	65-136			0.798	30
Chloroform	10		"	10.0	103	82-128			1.57	30
Chloromethane	11		"	10.0	112	43-155			1.71	30
cis-1,2-Dichloroethylene	10		"	10.0	102	83-129			2.97	30
cis-1,3-Dichloropropylene	9.9		"	10.0	99.4	80-131			2.65	30
Cyclohexane	11		"	10.0	114	63-149			1.22	30
Dibromochloromethane	10		"	10.0	102	80-130			4.20	30
Dibromomethane	9.7		"	10.0	97.2	72-134			4.09	30
Dichlorodifluoromethane	14		"	10.0	139	44-144			4.43	30
Ethyl Benzene	11		"	10.0	111	80-131			3.01	30
Hexachlorobutadiene	11		"	10.0	107	67-146			1.11	30
Isopropylbenzene	11		"	10.0	114	76-140			1.94	30
Methyl acetate	8.4		"	10.0	83.9	51-139			1.65	30
Methyl tert-butyl ether (MTBE)	10		"	10.0	101	76-135			0.698	30
Methylcyclohexane	11		"	10.0	114	72-143			1.41	30
Methylene chloride	10		"	10.0	100	55-137			3.46	30
n-Butylbenzene	11		"	10.0	112	79-132			4.67	30



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BH51409 - EPA 5030B

LCS Dup (BH51409-BSD1)

Prepared: 08/31/2015 Analyzed: 09/01/2015

n-Propylbenzene	11		ug/L	10.0		115	78-133		2.21	30	
o-Xylene	11		"	10.0		111	78-130		3.57	30	
p- & m- Xylenes	22		"	20.0		111	77-133		2.37	30	
p-Isopropyltoluene	11		"	10.0		113	81-136		1.97	30	
sec-Butylbenzene	11		"	10.0		114	79-137		0.968	30	
Styrene	11		"	10.0		109	67-132		5.35	30	
tert-Butyl alcohol (TBA)	9.9		"	10.0		98.6	25-162		9.68	30	
tert-Butylbenzene	11		"	10.0		114	77-138		4.03	30	
Tetrachloroethylene	11		"	10.0		107	82-131		1.42	30	
Toluene	11		"	10.0		107	80-127		2.94	30	
trans-1,2-Dichloroethylene	11		"	10.0		107	80-132		2.57	30	
trans-1,3-Dichloropropylene	9.9		"	10.0		99.2	78-131		4.43	30	
Trichloroethylene	10		"	10.0		105	82-128		0.00	30	
Trichlorofluoromethane	11		"	10.0		108	67-139		0.371	30	
Vinyl Chloride	12		"	10.0		120	58-145		1.49	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.92</i>		<i>"</i>	<i>10.0</i>		<i>99.2</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>79-122</i>				

Batch BI50051 - EPA 5030B

Blank (BI50051-BLK1)

Prepared & Analyzed: 09/01/2015

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	160	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	2.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50051 - EPA 5030B

Blank (BI50051-BLK1)

Prepared & Analyzed: 09/01/2015

Bromomethane	ND	0.50	ug/L								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	2.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	9.97		"	10.0		99.7	69-130				
Surrogate: Toluene-d8	10.4		"	10.0		104	81-117				
Surrogate: p-Bromofluorobenzene	9.85		"	10.0		98.5	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50051 - EPA 5030B

LCS (BI50051-BS1)

Prepared & Analyzed: 09/01/2015

1,1,1,2-Tetrachloroethane	11		ug/L	10.0		112	82-126				
1,1,1-Trichloroethane	9.6		"	10.0		96.4	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		106	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		114	54-165				
1,1,2-Trichloroethane	11		"	10.0		114	82-123				
1,1-Dichloroethane	11		"	10.0		112	82-129				
1,1-Dichloroethylene	11		"	10.0		109	68-138				
1,2,3-Trichlorobenzene	11		"	10.0		106	76-136				
1,2,3-Trichloropropane	11		"	10.0		108	77-128				
1,2,4-Trichlorobenzene	11		"	10.0		106	76-137				
1,2,4-Trimethylbenzene	11		"	10.0		112	82-132				
1,2-Dibromo-3-chloropropane	10		"	10.0		102	45-147				
1,2-Dibromoethane	11		"	10.0		108	83-124				
1,2-Dichlorobenzene	11		"	10.0		108	79-123				
1,2-Dichloroethane	10		"	10.0		105	73-132				
1,2-Dichloropropane	11		"	10.0		109	78-126				
1,3,5-Trimethylbenzene	11		"	10.0		111	80-131				
1,3-Dichlorobenzene	11		"	10.0		110	86-122				
1,4-Dichlorobenzene	11		"	10.0		105	85-124				
1,4-Dioxane	320		"	200		158	10-349				
2-Butanone	11		"	10.0		114	49-152				
2-Hexanone	11		"	10.0		114	51-146				
4-Methyl-2-pentanone	6.7		"	10.0		67.1	57-145				
Acetone	9.4		"	10.0		93.5	14-150				
Acrolein	11		"	10.0		114	10-153				
Acrylonitrile	9.7		"	10.0		96.9	51-150				
Benzene	10		"	10.0		101	85-126				
Bromochloromethane	9.0		"	10.0		90.0	77-128				
Bromodichloromethane	11		"	10.0		107	79-128				
Bromoform	10		"	10.0		104	78-133				
Bromomethane	14		"	10.0		136	43-168				
Carbon disulfide	11		"	10.0		108	68-146				
Carbon tetrachloride	11		"	10.0		108	77-141				
Chlorobenzene	11		"	10.0		112	88-120				
Chloroethane	11		"	10.0		112	65-136				
Chloroform	10		"	10.0		101	82-128				
Chloromethane	12		"	10.0		121	43-155				
cis-1,2-Dichloroethylene	11		"	10.0		113	83-129				
cis-1,3-Dichloropropylene	10		"	10.0		105	80-131				
Cyclohexane	9.2		"	10.0		92.5	63-149				
Dibromochloromethane	11		"	10.0		108	80-130				
Dibromomethane	11		"	10.0		106	72-134				
Dichlorodifluoromethane	16		"	10.0		163	44-144	High Bias			
Ethyl Benzene	11		"	10.0		113	80-131				
Hexachlorobutadiene	10		"	10.0		104	67-146				
Isopropylbenzene	11		"	10.0		111	76-140				
Methyl acetate	11		"	10.0		114	51-139				
Methyl tert-butyl ether (MTBE)	11		"	10.0		109	76-135				
Methylcyclohexane	11		"	10.0		109	72-143				
Methylene chloride	11		"	10.0		105	55-137				
n-Butylbenzene	11		"	10.0		111	79-132				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50051 - EPA 5030B

LCS (BI50051-BS1)

Prepared & Analyzed: 09/01/2015

n-Propylbenzene	11		ug/L	10.0		113	78-133				
o-Xylene	11		"	10.0		114	78-130				
p- & m- Xylenes	23		"	20.0		117	77-133				
p-Isopropyltoluene	11		"	10.0		113	81-136				
sec-Butylbenzene	11		"	10.0		113	79-137				
Styrene	13		"	10.0		127	67-132				
tert-Butyl alcohol (TBA)	9.0		"	10.0		89.7	25-162				
tert-Butylbenzene	11		"	10.0		111	77-138				
Tetrachloroethylene	11		"	10.0		111	82-131				
Toluene	11		"	10.0		114	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		108	80-132				
trans-1,3-Dichloropropylene	10		"	10.0		104	78-131				
Trichloroethylene	11		"	10.0		106	82-128				
Trichlorofluoromethane	11		"	10.0		108	67-139				
Vinyl Chloride	12		"	10.0		124	58-145				
Surrogate: 1,2-Dichloroethane-d4	9.52		"	10.0		95.2	69-130				
Surrogate: Toluene-d8	10.2		"	10.0		102	81-117				
Surrogate: p-Bromofluorobenzene	9.61		"	10.0		96.1	79-122				

LCS Dup (BI50051-BS1)

Prepared & Analyzed: 09/01/2015

1,1,1,2-Tetrachloroethane	11		ug/L	10.0		107	82-126		4.85	30	
1,1,1-Trichloroethane	11		"	10.0		108	78-136		11.5	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		105	76-129		1.32	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		112	54-165		1.95	30	
1,1,2-Trichloroethane	11		"	10.0		105	82-123		8.39	30	
1,1-Dichloroethane	11		"	10.0		111	82-129		0.990	30	
1,1-Dichloroethylene	11		"	10.0		108	68-138		0.647	30	
1,2,3-Trichlorobenzene	10		"	10.0		105	76-136		1.61	30	
1,2,3-Trichloropropane	11		"	10.0		108	77-128		0.186	30	
1,2,4-Trichlorobenzene	11		"	10.0		106	76-137		0.567	30	
1,2,4-Trimethylbenzene	11		"	10.0		110	82-132		1.35	30	
1,2-Dibromo-3-chloropropane	10		"	10.0		99.7	45-147		1.79	30	
1,2-Dibromoethane	10		"	10.0		104	83-124		3.39	30	
1,2-Dichlorobenzene	11		"	10.0		107	79-123		1.40	30	
1,2-Dichloroethane	10		"	10.0		99.7	73-132		5.08	30	
1,2-Dichloropropane	11		"	10.0		110	78-126		1.37	30	
1,3,5-Trimethylbenzene	11		"	10.0		111	80-131		0.450	30	
1,3-Dichlorobenzene	11		"	10.0		110	86-122		0.00	30	
1,4-Dichlorobenzene	11		"	10.0		113	85-124		7.41	30	
1,4-Dioxane	560		"	200		282	10-349		56.4	30	Non-dir.
2-Butanone	8.3		"	10.0		83.2	49-152		31.5	30	Non-dir.
2-Hexanone	10		"	10.0		102	51-146		11.2	30	
4-Methyl-2-pentanone	6.1		"	10.0		61.0	57-145		9.52	30	
Acetone	9.6		"	10.0		96.0	14-150		2.64	30	
Acrolein	11		"	10.0		108	10-153		5.67	30	
Acrylonitrile	11		"	10.0		106	51-150		8.59	30	
Benzene	9.8		"	10.0		97.7	85-126		3.72	30	
Bromochloromethane	11		"	10.0		113	77-128		22.8	30	
Bromodichloromethane	11		"	10.0		107	79-128		0.0932	30	
Bromoform	10		"	10.0		104	78-133		0.0964	30	
Bromomethane	13		"	10.0		134	43-168		1.63	30	
Carbon disulfide	11		"	10.0		107	68-146		1.30	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50051 - EPA 5030B

LCS Dup (BI50051-bsd1)

Prepared & Analyzed: 09/01/2015

Carbon tetrachloride	11		ug/L	10.0		108	77-141		0.463	30	
Chlorobenzene	11		"	10.0		106	88-120		5.14	30	
Chloroethane	11		"	10.0		114	65-136		1.24	30	
Chloroform	11		"	10.0		108	82-128		6.99	30	
Chloromethane	12		"	10.0		120	43-155		1.08	30	
cis-1,2-Dichloroethylene	11		"	10.0		110	83-129		2.59	30	
cis-1,3-Dichloropropylene	10		"	10.0		103	80-131		1.44	30	
Cyclohexane	12		"	10.0		119	63-149		25.4	30	
Dibromochloromethane	10		"	10.0		102	80-130		6.11	30	
Dibromomethane	10		"	10.0		105	72-134		1.61	30	
Dichlorodifluoromethane	16		"	10.0		163	44-144	High Bias	0.0614	30	
Ethyl Benzene	11		"	10.0		111	80-131		1.79	30	
Hexachlorobutadiene	10		"	10.0		102	67-146		1.26	30	
Isopropylbenzene	11		"	10.0		110	76-140		0.542	30	
Methyl acetate	10		"	10.0		102	51-139		10.7	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		103	76-135		6.22	30	
Methylcyclohexane	11		"	10.0		112	72-143		2.44	30	
Methylene chloride	10		"	10.0		103	55-137		2.50	30	
n-Butylbenzene	11		"	10.0		111	79-132		0.00	30	
n-Propylbenzene	11		"	10.0		112	78-133		0.622	30	
o-Xylene	11		"	10.0		113	78-130		0.440	30	
p- & m- Xylenes	24		"	20.0		118	77-133		0.683	30	
p-Isopropyltoluene	11		"	10.0		112	81-136		0.533	30	
sec-Butylbenzene	11		"	10.0		112	79-137		0.710	30	
Styrene	12		"	10.0		123	67-132		3.11	30	
tert-Butyl alcohol (TBA)	11		"	10.0		115	25-162		24.4	30	
tert-Butylbenzene	11		"	10.0		111	77-138		0.00	30	
Tetrachloroethylene	11		"	10.0		107	82-131		3.12	30	
Toluene	11		"	10.0		111	80-127		2.49	30	
trans-1,2-Dichloroethylene	11		"	10.0		107	80-132		1.02	30	
trans-1,3-Dichloropropylene	10		"	10.0		99.5	78-131		4.52	30	
Trichloroethylene	11		"	10.0		108	82-128		1.03	30	
Trichlorofluoromethane	11		"	10.0		109	67-139		0.831	30	
Vinyl Chloride	12		"	10.0		124	58-145		0.483	30	
Surrogate: 1,2-Dichloroethane-d4	9.22		"	10.0		92.2	69-130				
Surrogate: Toluene-d8	10.3		"	10.0		103	81-117				
Surrogate: p-Bromofluorobenzene	9.73		"	10.0		97.3	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50084 - EPA 5030B

Blank (BI50084-BLK1)

Prepared & Analyzed: 09/02/2015

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	160	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	2.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	0.52	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50084 - EPA 5030B

Blank (BI50084-BLK1)

Prepared & Analyzed: 09/02/2015

n-Propylbenzene	ND	0.50	ug/L								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	2.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								

<i>Surrogate: 1,2-Dichloroethane-d4</i>	8.22		"	10.0		82.2	69-130				
<i>Surrogate: Toluene-d8</i>	10.5		"	10.0		105	81-117				
<i>Surrogate: p-Bromofluorobenzene</i>	9.75		"	10.0		97.5	79-122				

LCS (BI50084-BS1)

Prepared & Analyzed: 09/02/2015

1,1,1,2-Tetrachloroethane	9.7		ug/L	10.0		97.4	82-126				
1,1,1-Trichloroethane	9.9		"	10.0		99.4	78-136				
1,1,2,2-Tetrachloroethane	10		"	10.0		100	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		111	54-165				
1,1,2-Trichloroethane	9.6		"	10.0		96.3	82-123				
1,1-Dichloroethane	10		"	10.0		104	82-129				
1,1-Dichloroethylene	9.6		"	10.0		96.5	68-138				
1,2,3-Trichlorobenzene	9.8		"	10.0		98.3	76-136				
1,2,3-Trichloropropane	9.8		"	10.0		98.1	77-128				
1,2,4-Trichlorobenzene	10		"	10.0		101	76-137				
1,2,4-Trimethylbenzene	10		"	10.0		104	82-132				
1,2-Dibromo-3-chloropropane	9.2		"	10.0		91.9	45-147				
1,2-Dibromoethane	10		"	10.0		100	83-124				
1,2-Dichlorobenzene	10		"	10.0		101	79-123				
1,2-Dichloroethane	9.3		"	10.0		93.1	73-132				
1,2-Dichloropropane	9.9		"	10.0		99.0	78-126				
1,3,5-Trimethylbenzene	11		"	10.0		106	80-131				
1,3-Dichlorobenzene	10		"	10.0		104	86-122				
1,4-Dichlorobenzene	9.9		"	10.0		99.0	85-124				
1,4-Dioxane	560		"	200		280	10-349				
2-Butanone	10		"	10.0		103	49-152				
2-Hexanone	9.6		"	10.0		96.2	51-146				
4-Methyl-2-pentanone	5.6		"	10.0		56.3	57-145	Low Bias			
Acetone	8.8		"	10.0		87.5	14-150				
Acrolein	10		"	10.0		101	10-153				
Acrylonitrile	10		"	10.0		101	51-150				
Benzene	11		"	10.0		111	85-126				
Bromochloromethane	10		"	10.0		101	77-128				
Bromodichloromethane	9.4		"	10.0		93.6	79-128				
Bromoform	8.9		"	10.0		88.7	78-133				
Bromomethane	0.82		"	10.0		8.20	43-168	Low Bias			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50084 - EPA 5030B

LCS (BI50084-BS1)

Prepared & Analyzed: 09/02/2015

Carbon disulfide	10		ug/L	10.0	103	68-146				
Carbon tetrachloride	9.8		"	10.0	97.6	77-141				
Chlorobenzene	10		"	10.0	103	88-120				
Chloroethane	10		"	10.0	102	65-136				
Chloroform	10		"	10.0	102	82-128				
Chloromethane	7.7		"	10.0	77.0	43-155				
cis-1,2-Dichloroethylene	11		"	10.0	107	83-129				
cis-1,3-Dichloropropylene	9.6		"	10.0	96.1	80-131				
Cyclohexane	12		"	10.0	118	63-149				
Dibromochloromethane	9.4		"	10.0	93.7	80-130				
Dibromomethane	9.5		"	10.0	94.7	72-134				
Dichlorodifluoromethane	13		"	10.0	129	44-144				
Ethyl Benzene	11		"	10.0	106	80-131				
Hexachlorobutadiene	9.8		"	10.0	98.0	67-146				
Isopropylbenzene	11		"	10.0	107	76-140				
Methyl acetate	12		"	10.0	116	51-139				
Methyl tert-butyl ether (MTBE)	10		"	10.0	99.6	76-135				
Methylcyclohexane	11		"	10.0	109	72-143				
Methylene chloride	9.3		"	10.0	93.1	55-137				
n-Butylbenzene	11		"	10.0	107	79-132				
n-Propylbenzene	11		"	10.0	108	78-133				
o-Xylene	10		"	10.0	104	78-130				
p- & m- Xylenes	22		"	20.0	108	77-133				
p-Isopropyltoluene	11		"	10.0	108	81-136				
sec-Butylbenzene	11		"	10.0	109	79-137				
Styrene	11		"	10.0	113	67-132				
tert-Butyl alcohol (TBA)	12		"	10.0	118	25-162				
tert-Butylbenzene	10		"	10.0	105	77-138				
Tetrachloroethylene	10		"	10.0	103	82-131				
Toluene	10		"	10.0	102	80-127				
trans-1,2-Dichloroethylene	9.9		"	10.0	99.4	80-132				
trans-1,3-Dichloropropylene	9.2		"	10.0	91.7	78-131				
Trichloroethylene	9.6		"	10.0	96.4	82-128				
Trichlorofluoromethane	9.2		"	10.0	92.5	67-139				
Vinyl Chloride	9.9		"	10.0	99.4	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.49</i>		<i>"</i>	<i>10.0</i>	<i>94.9</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.76</i>		<i>"</i>	<i>10.0</i>	<i>97.6</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.79</i>		<i>"</i>	<i>10.0</i>	<i>97.9</i>	<i>79-122</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
		Limit	Units						RPD	Limit
Batch BI50084 - EPA 5030B										
LCS Dup (BI50084-BSD1)										
Prepared & Analyzed: 09/02/2015										
1,1,1,2-Tetrachloroethane	9.7		ug/L	10.0		97.0	82-126		0.412	30
1,1,1-Trichloroethane	9.6		"	10.0		96.2	78-136		3.27	30
1,1,2,2-Tetrachloroethane	9.8		"	10.0		98.3	76-129		1.91	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		105	54-165		5.09	30
1,1,2-Trichloroethane	9.7		"	10.0		96.6	82-123		0.311	30
1,1-Dichloroethane	10		"	10.0		102	82-129		2.23	30
1,1-Dichloroethylene	9.5		"	10.0		95.0	68-138		1.57	30
1,2,3-Trichlorobenzene	9.6		"	10.0		96.3	76-136		2.06	30
1,2,3-Trichloropropane	9.5		"	10.0		95.0	77-128		3.21	30
1,2,4-Trichlorobenzene	9.8		"	10.0		97.7	76-137		3.12	30
1,2,4-Trimethylbenzene	10		"	10.0		103	82-132		1.35	30
1,2-Dibromo-3-chloropropane	8.9		"	10.0		88.8	45-147		3.43	30
1,2-Dibromoethane	9.4		"	10.0		93.9	83-124		6.69	30
1,2-Dichlorobenzene	9.9		"	10.0		99.3	79-123		1.99	30
1,2-Dichloroethane	9.2		"	10.0		92.2	73-132		0.971	30
1,2-Dichloropropane	9.7		"	10.0		97.4	78-126		1.63	30
1,3,5-Trimethylbenzene	10		"	10.0		104	80-131		2.00	30
1,3-Dichlorobenzene	10		"	10.0		103	86-122		0.970	30
1,4-Dichlorobenzene	10		"	10.0		104	85-124		5.02	30
1,4-Dioxane	570		"	200		285	10-349		1.49	30
2-Butanone	10		"	10.0		102	49-152		1.18	30
2-Hexanone	9.6		"	10.0		96.5	51-146		0.311	30
4-Methyl-2-pentanone	5.7		"	10.0		57.4	57-145		1.93	30
Acetone	8.5		"	10.0		84.9	14-150		3.02	30
Acrolein	9.7		"	10.0		97.0	10-153		4.04	30
Acrylonitrile	10		"	10.0		101	51-150		0.0987	30
Benzene	11		"	10.0		109	85-126		1.45	30
Bromochloromethane	9.9		"	10.0		98.7	77-128		2.30	30
Bromodichloromethane	9.3		"	10.0		93.0	79-128		0.643	30
Bromoform	8.9		"	10.0		88.9	78-133		0.225	30
Bromomethane	1.0		"	10.0		10.2	43-168	Low Bias	21.7	30
Carbon disulfide	9.9		"	10.0		98.9	68-146		4.26	30
Carbon tetrachloride	9.4		"	10.0		94.2	77-141		3.55	30
Chlorobenzene	10		"	10.0		102	88-120		1.46	30
Chloroethane	10		"	10.0		103	65-136		1.07	30
Chloroform	10		"	10.0		100	82-128		1.78	30
Chloromethane	7.6		"	10.0		75.9	43-155		1.44	30
cis-1,2-Dichloroethylene	10		"	10.0		103	83-129		3.82	30
cis-1,3-Dichloropropylene	9.5		"	10.0		94.9	80-131		1.26	30
Cyclohexane	11		"	10.0		112	63-149		5.83	30
Dibromochloromethane	8.9		"	10.0		89.2	80-130		4.92	30
Dibromomethane	9.4		"	10.0		94.4	72-134		0.317	30
Dichlorodifluoromethane	12		"	10.0		122	44-144		5.34	30
Ethyl Benzene	10		"	10.0		103	80-131		2.68	30
Hexachlorobutadiene	9.6		"	10.0		95.8	67-146		2.27	30
Isopropylbenzene	10		"	10.0		105	76-140		2.36	30
Methyl acetate	12		"	10.0		116	51-139		0.431	30
Methyl tert-butyl ether (MTBE)	9.8		"	10.0		98.2	76-135		1.42	30
Methylcyclohexane	10		"	10.0		105	72-143		4.11	30
Methylene chloride	9.3		"	10.0		92.9	55-137		0.215	30
n-Butylbenzene	10		"	10.0		105	79-132		2.17	30



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50084 - EPA 5030B

LCS Dup (BI50084-BSD1)

Prepared & Analyzed: 09/02/2015

n-Propylbenzene	11		ug/L	10.0		106	78-133		1.68	30	
o-Xylene	10		"	10.0		102	78-130		1.75	30	
p- & m- Xylenes	21		"	20.0		106	77-133		2.01	30	
p-Isopropyltoluene	11		"	10.0		106	81-136		2.53	30	
sec-Butylbenzene	11		"	10.0		105	79-137		3.17	30	
Styrene	11		"	10.0		113	67-132		0.265	30	
tert-Butyl alcohol (TBA)	11		"	10.0		110	25-162		7.20	30	
tert-Butylbenzene	10		"	10.0		103	77-138		1.64	30	
Tetrachloroethylene	10		"	10.0		101	82-131		2.45	30	
Toluene	10		"	10.0		99.9	80-127		2.08	30	
trans-1,2-Dichloroethylene	9.8		"	10.0		98.3	80-132		1.11	30	
trans-1,3-Dichloropropylene	9.0		"	10.0		90.0	78-131		1.87	30	
Trichloroethylene	9.4		"	10.0		93.6	82-128		2.95	30	
Trichlorofluoromethane	8.9		"	10.0		89.3	67-139		3.52	30	
Vinyl Chloride	10		"	10.0		100	58-145		1.10	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.35</i>		<i>"</i>	<i>10.0</i>		<i>93.5</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.74</i>		<i>"</i>	<i>10.0</i>		<i>97.4</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.60</i>		<i>"</i>	<i>10.0</i>		<i>96.0</i>	<i>79-122</i>				

Batch BI50085 - EPA 5030B

Blank (BI50085-BLK1)

Prepared & Analyzed: 09/02/2015

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	2.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50085 - EPA 5030B

Blank (BI50085-BLK1)

Prepared & Analyzed: 09/02/2015

Bromomethane	ND	0.50	ug/L								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	2.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	10.6		"	10.0		106	69-130				
Surrogate: Toluene-d8	9.70		"	10.0		97.0	81-117				
Surrogate: p-Bromofluorobenzene	10.2		"	10.0		102	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50085 - EPA 5030B

LCS (BI50085-BS1)

Prepared & Analyzed: 09/02/2015

1,1,1,2-Tetrachloroethane	10		ug/L	10.0		105	82-126				
1,1,1-Trichloroethane	12		"	10.0		115	78-136				
1,1,2,2-Tetrachloroethane	10		"	10.0		103	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13		"	10.0		132	54-165				
1,1,2-Trichloroethane	10		"	10.0		99.6	82-123				
1,1-Dichloroethane	11		"	10.0		109	82-129				
1,1-Dichloroethylene	12		"	10.0		115	68-138				
1,2,3-Trichlorobenzene	10		"	10.0		105	76-136				
1,2,3-Trichloropropane	9.9		"	10.0		99.1	77-128				
1,2,4-Trichlorobenzene	10		"	10.0		105	76-137				
1,2,4-Trimethylbenzene	12		"	10.0		121	82-132				
1,2-Dibromo-3-chloropropane	9.5		"	10.0		95.4	45-147				
1,2-Dibromoethane	9.8		"	10.0		98.3	83-124				
1,2-Dichlorobenzene	11		"	10.0		105	79-123				
1,2-Dichloroethane	11		"	10.0		106	73-132				
1,2-Dichloropropane	10		"	10.0		102	78-126				
1,3,5-Trimethylbenzene	12		"	10.0		119	80-131				
1,3-Dichlorobenzene	11		"	10.0		111	86-122				
1,4-Dichlorobenzene	11		"	10.0		110	85-124				
1,4-Dioxane	460		"	200		232	10-349				
2-Butanone	11		"	10.0		108	49-152				
2-Hexanone	10		"	10.0		101	51-146				
4-Methyl-2-pentanone	6.1		"	10.0		60.9	57-145				
Acetone	8.0		"	10.0		79.8	14-150				
Acrolein	9.7		"	10.0		97.4	10-153				
Acrylonitrile	9.1		"	10.0		91.4	51-150				
Benzene	11		"	10.0		107	85-126				
Bromochloromethane	11		"	10.0		107	77-128				
Bromodichloromethane	11		"	10.0		107	79-128				
Bromoform	10		"	10.0		103	78-133				
Bromomethane	9.7		"	10.0		96.8	43-168				
Carbon disulfide	12		"	10.0		116	68-146				
Carbon tetrachloride	12		"	10.0		119	77-141				
Chlorobenzene	10		"	10.0		104	88-120				
Chloroethane	11		"	10.0		109	65-136				
Chloroform	11		"	10.0		111	82-128				
Chloromethane	12		"	10.0		120	43-155				
cis-1,2-Dichloroethylene	11		"	10.0		110	83-129				
cis-1,3-Dichloropropylene	9.6		"	10.0		96.0	80-131				
Cyclohexane	12		"	10.0		124	63-149				
Dibromochloromethane	11		"	10.0		106	80-130				
Dibromomethane	10		"	10.0		101	72-134				
Dichlorodifluoromethane	16		"	10.0		162	44-144	High Bias			
Ethyl Benzene	11		"	10.0		114	80-131				
Hexachlorobutadiene	12		"	10.0		117	67-146				
Isopropylbenzene	12		"	10.0		120	76-140				
Methyl acetate	9.7		"	10.0		96.7	51-139				
Methyl tert-butyl ether (MTBE)	11		"	10.0		105	76-135				
Methylcyclohexane	12		"	10.0		122	72-143				
Methylene chloride	9.9		"	10.0		98.7	55-137				
n-Butylbenzene	12		"	10.0		124	79-132				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50085 - EPA 5030B

LCS (BI50085-BS1)

Prepared & Analyzed: 09/02/2015

n-Propylbenzene	12		ug/L	10.0		122	78-133				
o-Xylene	11		"	10.0		113	78-130				
p- & m- Xylenes	23		"	20.0		116	77-133				
p-Isopropyltoluene	12		"	10.0		120	81-136				
sec-Butylbenzene	12		"	10.0		124	79-137				
Styrene	12		"	10.0		120	67-132				
tert-Butyl alcohol (TBA)	11		"	10.0		112	25-162				
tert-Butylbenzene	12		"	10.0		118	77-138				
Tetrachloroethylene	12		"	10.0		119	82-131				
Toluene	11		"	10.0		109	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		114	80-132				
trans-1,3-Dichloropropylene	9.8		"	10.0		98.5	78-131				
Trichloroethylene	10		"	10.0		104	82-128				
Trichlorofluoromethane	13		"	10.0		129	67-139				
Vinyl Chloride	13		"	10.0		128	58-145				
Surrogate: 1,2-Dichloroethane-d4	10.7		"	10.0		107	69-130				
Surrogate: Toluene-d8	9.68		"	10.0		96.8	81-117				
Surrogate: p-Bromofluorobenzene	9.96		"	10.0		99.6	79-122				

LCS Dup (BI50085-BS1)

Prepared & Analyzed: 09/02/2015

1,1,1,2-Tetrachloroethane	10		ug/L	10.0		103	82-126		1.74	30	
1,1,1-Trichloroethane	11		"	10.0		114	78-136		0.960	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		104	76-129		1.74	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13		"	10.0		133	54-165		0.377	30	
1,1,2-Trichloroethane	9.8		"	10.0		98.3	82-123		1.31	30	
1,1-Dichloroethane	11		"	10.0		112	82-129		2.54	30	
1,1-Dichloroethylene	11		"	10.0		114	68-138		1.22	30	
1,2,3-Trichlorobenzene	10		"	10.0		103	76-136		1.73	30	
1,2,3-Trichloropropane	10		"	10.0		102	77-128		3.18	30	
1,2,4-Trichlorobenzene	10		"	10.0		103	76-137		1.63	30	
1,2,4-Trimethylbenzene	11		"	10.0		114	82-132		6.31	30	
1,2-Dibromo-3-chloropropane	9.4		"	10.0		94.0	45-147		1.48	30	
1,2-Dibromoethane	10		"	10.0		99.5	83-124		1.21	30	
1,2-Dichlorobenzene	10		"	10.0		101	79-123		4.18	30	
1,2-Dichloroethane	11		"	10.0		106	73-132		0.755	30	
1,2-Dichloropropane	10		"	10.0		100	78-126		1.58	30	
1,3,5-Trimethylbenzene	11		"	10.0		111	80-131		6.89	30	
1,3-Dichlorobenzene	10		"	10.0		102	86-122		7.70	30	
1,4-Dichlorobenzene	10		"	10.0		104	85-124		5.32	30	
1,4-Dioxane	490		"	200		243	10-349		4.86	30	
2-Butanone	8.6		"	10.0		85.7	49-152		22.7	30	
2-Hexanone	11		"	10.0		106	51-146		4.64	30	
4-Methyl-2-pentanone	6.3		"	10.0		63.0	57-145		3.39	30	
Acetone	10		"	10.0		101	14-150		23.3	30	
Acrolein	11		"	10.0		113	10-153		15.2	30	
Acrylonitrile	10		"	10.0		101	51-150		10.4	30	
Benzene	11		"	10.0		109	85-126		2.59	30	
Bromochloromethane	11		"	10.0		112	77-128		3.84	30	
Bromodichloromethane	11		"	10.0		107	79-128		0.0934	30	
Bromoform	10		"	10.0		101	78-133		1.76	30	
Bromomethane	17		"	10.0		172	43-168	High Bias	55.8	30	Non-dir.
Carbon disulfide	11		"	10.0		112	68-146		3.95	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50085 - EPA 5030B

LCS Dup (BI50085-BSD1)

Prepared & Analyzed: 09/02/2015

Carbon tetrachloride	12		ug/L	10.0		120	77-141		1.51	30	
Chlorobenzene	10		"	10.0		104	88-120		0.672	30	
Chloroethane	11		"	10.0		107	65-136		2.50	30	
Chloroform	11		"	10.0		112	82-128		0.629	30	
Chloromethane	12		"	10.0		121	43-155		0.998	30	
cis-1,2-Dichloroethylene	11		"	10.0		110	83-129		0.00	30	
cis-1,3-Dichloropropylene	10		"	10.0		99.6	80-131		3.68	30	
Cyclohexane	12		"	10.0		124	63-149		0.645	30	
Dibromochloromethane	10		"	10.0		102	80-130		3.95	30	
Dibromomethane	10		"	10.0		99.9	72-134		0.996	30	
Dichlorodifluoromethane	16		"	10.0		156	44-144	High Bias	3.66	30	
Ethyl Benzene	11		"	10.0		112	80-131		1.94	30	
Hexachlorobutadiene	11		"	10.0		112	67-146		4.01	30	
Isopropylbenzene	11		"	10.0		114	76-140		4.44	30	
Methyl acetate	10		"	10.0		105	51-139		7.85	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		104	76-135		0.573	30	
Methylcyclohexane	12		"	10.0		125	72-143		2.02	30	
Methylene chloride	9.8		"	10.0		98.5	55-137		0.203	30	
n-Butylbenzene	12		"	10.0		117	79-132		5.48	30	
n-Propylbenzene	12		"	10.0		117	78-133		4.28	30	
o-Xylene	11		"	10.0		114	78-130		0.353	30	
p- & m- Xylenes	23		"	20.0		114	77-133		1.35	30	
p-Isopropyltoluene	11		"	10.0		113	81-136		6.18	30	
sec-Butylbenzene	12		"	10.0		118	79-137		5.14	30	
Styrene	12		"	10.0		119	67-132		1.42	30	
tert-Butyl alcohol (TBA)	11		"	10.0		109	25-162		2.62	30	
tert-Butylbenzene	11		"	10.0		113	77-138		4.68	30	
Tetrachloroethylene	12		"	10.0		115	82-131		2.82	30	
Toluene	11		"	10.0		107	80-127		1.76	30	
trans-1,2-Dichloroethylene	11		"	10.0		110	80-132		4.20	30	
trans-1,3-Dichloropropylene	9.6		"	10.0		96.2	78-131		2.36	30	
Trichloroethylene	11		"	10.0		106	82-128		2.48	30	
Trichlorofluoromethane	13		"	10.0		131	67-139		1.69	30	
Vinyl Chloride	13		"	10.0		133	58-145		3.82	30	
Surrogate: 1,2-Dichloroethane-d4	11.0		"	10.0		110	69-130				
Surrogate: Toluene-d8	9.90		"	10.0		99.0	81-117				
Surrogate: p-Bromofluorobenzene	9.81		"	10.0		98.1	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50138 - EPA 5030B

Blank (BI50138-BLK1)

Prepared & Analyzed: 09/02/2015

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	0.50	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.50	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
1,4-Dioxane	ND	80	"
2-Butanone	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	ND	2.0	"
Acrolein	ND	0.50	"
Acrylonitrile	ND	0.50	"
Benzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon disulfide	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Cyclohexane	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl acetate	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylcyclohexane	ND	0.50	"
Methylene chloride	ND	2.0	"
n-Butylbenzene	ND	0.50	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50138 - EPA 5030B

Blank (BI50138-BLK1)

Prepared & Analyzed: 09/02/2015

n-Propylbenzene	ND	0.50	ug/L								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								

Surrogate: 1,2-Dichloroethane-d4	9.56		"	10.0		95.6	69-130				
Surrogate: Toluene-d8	10.3		"	10.0		103	81-117				
Surrogate: p-Bromofluorobenzene	9.56		"	10.0		95.6	79-122				

LCS (BI50138-BS1)

Prepared & Analyzed: 09/02/2015

1,1,1,2-Tetrachloroethane	9.8		ug/L	10.0		97.9	82-126				
1,1,1-Trichloroethane	10		"	10.0		101	78-136				
1,1,2,2-Tetrachloroethane	9.9		"	10.0		99.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		105	54-165				
1,1,2-Trichloroethane	10		"	10.0		102	82-123				
1,1-Dichloroethane	10		"	10.0		102	82-129				
1,1-Dichloroethylene	9.6		"	10.0		96.0	68-138				
1,2,3-Trichlorobenzene	9.6		"	10.0		95.6	76-136				
1,2,3-Trichloropropane	10		"	10.0		103	77-128				
1,2,4-Trichlorobenzene	9.6		"	10.0		96.1	76-137				
1,2,4-Trimethylbenzene	10		"	10.0		102	82-132				
1,2-Dibromo-3-chloropropane	9.3		"	10.0		92.7	45-147				
1,2-Dibromoethane	10		"	10.0		100	83-124				
1,2-Dichlorobenzene	10		"	10.0		101	79-123				
1,2-Dichloroethane	9.6		"	10.0		96.2	73-132				
1,2-Dichloropropane	10		"	10.0		99.7	78-126				
1,3,5-Trimethylbenzene	10		"	10.0		103	80-131				
1,3-Dichlorobenzene	10		"	10.0		101	86-122				
1,4-Dichlorobenzene	9.6		"	10.0		96.2	85-124				
1,4-Dioxane	690		"	200		344	10-349				
2-Butanone	8.8		"	10.0		88.5	49-152				
2-Hexanone	10		"	10.0		103	51-146				
4-Methyl-2-pentanone	5.7		"	10.0		56.8	57-145	Low Bias			
Acetone	9.8		"	10.0		97.7	14-150				
Acrolein	12		"	10.0		116	10-153				
Acrylonitrile	11		"	10.0		112	51-150				
Benzene	11		"	10.0		108	85-126				
Bromochloromethane	8.2		"	10.0		82.0	77-128				
Bromodichloromethane	10		"	10.0		100	79-128				
Bromoform	9.0		"	10.0		90.0	78-133				
Bromomethane	1.6		"	10.0		16.4	43-168	Low Bias			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50138 - EPA 5030B

LCS (BI50138-BS1)

Prepared & Analyzed: 09/02/2015

Carbon disulfide	10		ug/L	10.0		100	68-146						
Carbon tetrachloride	10		"	10.0		100	77-141						
Chlorobenzene	10		"	10.0		102	88-120						
Chloroethane	10		"	10.0		101	65-136						
Chloroform	9.7		"	10.0		97.4	82-128						
Chloromethane	7.1		"	10.0		70.8	43-155						
cis-1,2-Dichloroethylene	9.3		"	10.0		92.7	83-129						
cis-1,3-Dichloropropylene	8.9		"	10.0		89.4	80-131						
Cyclohexane	11		"	10.0		109	63-149						
Dibromochloromethane	9.6		"	10.0		96.4	80-130						
Dibromomethane	9.9		"	10.0		99.0	72-134						
Dichlorodifluoromethane	10		"	10.0		102	44-144						
Ethyl Benzene	10		"	10.0		103	80-131						
Hexachlorobutadiene	9.5		"	10.0		94.8	67-146						
Isopropylbenzene	10		"	10.0		102	76-140						
Methyl acetate	10		"	10.0		104	51-139						
Methyl tert-butyl ether (MTBE)	9.8		"	10.0		97.5	76-135						
Methylcyclohexane	10		"	10.0		104	72-143						
Methylene chloride	9.4		"	10.0		94.5	55-137						
n-Butylbenzene	10		"	10.0		103	79-132						
n-Propylbenzene	10		"	10.0		103	78-133						
o-Xylene	10		"	10.0		104	78-130						
p- & m- Xylenes	21		"	20.0		106	77-133						
p-Isopropyltoluene	10		"	10.0		105	81-136						
sec-Butylbenzene	10		"	10.0		104	79-137						
Styrene	11		"	10.0		115	67-132						
tert-Butyl alcohol (TBA)	12		"	10.0		122	25-162						
tert-Butylbenzene	10		"	10.0		103	77-138						
Tetrachloroethylene	10		"	10.0		104	82-131						
Toluene	10		"	10.0		102	80-127						
trans-1,2-Dichloroethylene	9.8		"	10.0		97.7	80-132						
trans-1,3-Dichloropropylene	8.7		"	10.0		86.8	78-131						
Trichloroethylene	10		"	10.0		101	82-128						
Trichlorofluoromethane	9.5		"	10.0		94.7	67-139						
Vinyl Chloride	10		"	10.0		101	58-145						
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.77</i>		<i>"</i>	<i>10.0</i>		<i>97.7</i>	<i>69-130</i>						
<i>Surrogate: Toluene-d8</i>	<i>9.95</i>		<i>"</i>	<i>10.0</i>		<i>99.5</i>	<i>81-117</i>						
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.41</i>		<i>"</i>	<i>10.0</i>		<i>94.1</i>	<i>79-122</i>						



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
		Limit	Units						RPD	Limit
Batch BI50138 - EPA 5030B										
LCS Dup (BI50138-BSD1)										
Prepared & Analyzed: 09/02/2015										
1,1,1,2-Tetrachloroethane	9.8		ug/L	10.0		98.4	82-126		0.509	30
1,1,1-Trichloroethane	9.5		"	10.0		95.1	78-136		6.02	30
1,1,2,2-Tetrachloroethane	9.9		"	10.0		99.0	76-129		0.00	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		106	54-165		0.756	30
1,1,2-Trichloroethane	10		"	10.0		105	82-123		2.71	30
1,1-Dichloroethane	10		"	10.0		104	82-129		2.13	30
1,1-Dichloroethylene	9.8		"	10.0		97.7	68-138		1.76	30
1,2,3-Trichlorobenzene	9.6		"	10.0		96.1	76-136		0.522	30
1,2,3-Trichloropropane	9.6		"	10.0		95.8	77-128		7.05	30
1,2,4-Trichlorobenzene	9.7		"	10.0		96.7	76-137		0.622	30
1,2,4-Trimethylbenzene	10		"	10.0		102	82-132		0.980	30
1,2-Dibromo-3-chloropropane	8.7		"	10.0		87.0	45-147		6.34	30
1,2-Dibromoethane	9.8		"	10.0		98.3	83-124		1.91	30
1,2-Dichlorobenzene	10		"	10.0		99.6	79-123		1.49	30
1,2-Dichloroethane	9.8		"	10.0		97.8	73-132		1.65	30
1,2-Dichloropropane	9.9		"	10.0		99.0	78-126		0.705	30
1,3,5-Trimethylbenzene	10		"	10.0		101	80-131		1.87	30
1,3-Dichlorobenzene	10		"	10.0		101	86-122		0.00	30
1,4-Dichlorobenzene	9.5		"	10.0		95.2	85-124		1.04	30
1,4-Dioxane	730		"	200		367	10-349	High Bias	6.49	30
2-Butanone	9.5		"	10.0		94.7	49-152		6.77	30
2-Hexanone	9.0		"	10.0		89.7	51-146		13.9	30
4-Methyl-2-pentanone	6.2		"	10.0		61.8	57-145		8.43	30
Acetone	9.6		"	10.0		95.7	14-150		2.07	30
Acrolein	12		"	10.0		117	10-153		1.11	30
Acrylonitrile	11		"	10.0		106	51-150		5.31	30
Benzene	11		"	10.0		111	85-126		1.92	30
Bromochloromethane	8.3		"	10.0		83.0	77-128		1.21	30
Bromodichloromethane	9.8		"	10.0		97.8	79-128		2.32	30
Bromoform	9.0		"	10.0		90.5	78-133		0.554	30
Bromomethane	1.4		"	10.0		14.4	43-168	Low Bias	13.0	30
Carbon disulfide	9.8		"	10.0		98.5	68-146		1.71	30
Carbon tetrachloride	8.5		"	10.0		85.2	77-141		16.3	30
Chlorobenzene	10		"	10.0		103	88-120		0.390	30
Chloroethane	10		"	10.0		99.6	65-136		1.59	30
Chloroform	9.9		"	10.0		99.2	82-128		1.83	30
Chloromethane	7.5		"	10.0		75.4	43-155		6.29	30
cis-1,2-Dichloroethylene	9.9		"	10.0		99.0	83-129		6.57	30
cis-1,3-Dichloropropylene	8.9		"	10.0		89.1	80-131		0.336	30
Cyclohexane	9.0		"	10.0		89.6	63-149		19.2	30
Dibromochloromethane	9.5		"	10.0		95.0	80-130		1.46	30
Dibromomethane	9.6		"	10.0		95.9	72-134		3.18	30
Dichlorodifluoromethane	8.8		"	10.0		87.6	44-144		14.7	30
Ethyl Benzene	10		"	10.0		103	80-131		0.679	30
Hexachlorobutadiene	9.1		"	10.0		90.6	67-146		4.53	30
Isopropylbenzene	10		"	10.0		101	76-140		1.18	30
Methyl acetate	11		"	10.0		107	51-139		3.04	30
Methyl tert-butyl ether (MTBE)	10		"	10.0		101	76-135		3.82	30
Methylcyclohexane	10		"	10.0		102	72-143		2.14	30
Methylene chloride	9.5		"	10.0		95.2	55-137		0.738	30
n-Butylbenzene	10		"	10.0		102	79-132		0.682	30



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50138 - EPA 5030B

LCS Dup (BI50138-BSD1)

Prepared & Analyzed: 09/02/2015

n-Propylbenzene	10		ug/L	10.0		102	78-133		1.37	30	
o-Xylene	10		"	10.0		104	78-130		0.0960	30	
p- & m- Xylenes	21		"	20.0		106	77-133		0.0472	30	
p-Isopropyltoluene	10		"	10.0		104	81-136		1.25	30	
sec-Butylbenzene	10		"	10.0		104	79-137		0.0964	30	
Styrene	12		"	10.0		115	67-132		0.261	30	
tert-Butyl alcohol (TBA)	13		"	10.0		128	25-162		4.55	30	
tert-Butylbenzene	10		"	10.0		103	77-138		0.194	30	
Tetrachloroethylene	10		"	10.0		105	82-131		0.863	30	
Toluene	11		"	10.0		108	80-127		5.61	30	
trans-1,2-Dichloroethylene	9.8		"	10.0		98.5	80-132		0.815	30	
trans-1,3-Dichloropropylene	8.3		"	10.0		82.9	78-131		4.60	30	
Trichloroethylene	9.8		"	10.0		98.3	82-128		3.01	30	
Trichlorofluoromethane	8.7		"	10.0		87.4	67-139		8.02	30	
Vinyl Chloride	10		"	10.0		99.6	58-145		0.999	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.5</i>		<i>"</i>	<i>10.0</i>		<i>105</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.42</i>		<i>"</i>	<i>10.0</i>		<i>94.2</i>	<i>79-122</i>				

Batch BI50174 - EPA 5030B

Blank (BI50174-BLK1)

Prepared & Analyzed: 09/03/2015

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	80	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50174 - EPA 5030B

Blank (BI50174-BLK1)

Prepared & Analyzed: 09/03/2015

Bromomethane	ND	0.50	ug/L								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	9.30		"	10.0		93.0	69-130				
Surrogate: Toluene-d8	8.50		"	10.0		85.0	81-117				
Surrogate: p-Bromofluorobenzene	9.75		"	10.0		97.5	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50174 - EPA 5030B

LCS (BI50174-BS1)

Prepared & Analyzed: 09/03/2015

1,1,1,2-Tetrachloroethane	10		ug/L	10.0		103	82-126					
1,1,1-Trichloroethane	10		"	10.0		104	78-136					
1,1,2,2-Tetrachloroethane	10		"	10.0		103	76-129					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		112	54-165					
1,1,2-Trichloroethane	10		"	10.0		105	82-123					
1,1-Dichloroethane	10		"	10.0		99.5	82-129					
1,1-Dichloroethylene	10		"	10.0		104	68-138					
1,2,3-Trichlorobenzene	10		"	10.0		99.8	76-136					
1,2,3-Trichloropropane	9.8		"	10.0		98.5	77-128					
1,2,4-Trichlorobenzene	10		"	10.0		103	76-137					
1,2,4-Trimethylbenzene	11		"	10.0		109	82-132					
1,2-Dibromo-3-chloropropane	9.2		"	10.0		91.9	45-147					
1,2-Dibromoethane	10		"	10.0		103	83-124					
1,2-Dichlorobenzene	10		"	10.0		105	79-123					
1,2-Dichloroethane	9.5		"	10.0		95.0	73-132					
1,2-Dichloropropane	11		"	10.0		109	78-126					
1,3,5-Trimethylbenzene	11		"	10.0		108	80-131					
1,3-Dichlorobenzene	11		"	10.0		108	86-122					
1,4-Dichlorobenzene	10		"	10.0		103	85-124					
1,4-Dioxane	780		"	200		390	10-349	High Bias				
2-Butanone	9.5		"	10.0		95.0	49-152					
2-Hexanone	10		"	10.0		104	51-146					
4-Methyl-2-pentanone	6.3		"	10.0		63.0	57-145					
Acetone	9.5		"	10.0		94.8	14-150					
Acrolein	12		"	10.0		118	10-153					
Acrylonitrile	11		"	10.0		112	51-150					
Benzene	12		"	10.0		118	85-126					
Bromochloromethane	11		"	10.0		107	77-128					
Bromodichloromethane	10		"	10.0		103	79-128					
Bromoform	9.4		"	10.0		93.7	78-133					
Bromomethane	1.1		"	10.0		10.9	43-168	Low Bias				
Carbon disulfide	11		"	10.0		111	68-146					
Carbon tetrachloride	10		"	10.0		100	77-141					
Chlorobenzene	11		"	10.0		109	88-120					
Chloroethane	11		"	10.0		110	65-136					
Chloroform	11		"	10.0		107	82-128					
Chloromethane	8.7		"	10.0		87.3	43-155					
cis-1,2-Dichloroethylene	11		"	10.0		110	83-129					
cis-1,3-Dichloropropylene	10		"	10.0		100	80-131					
Cyclohexane	12		"	10.0		117	63-149					
Dibromochloromethane	9.7		"	10.0		97.2	80-130					
Dibromomethane	10		"	10.0		103	72-134					
Dichlorodifluoromethane	14		"	10.0		144	44-144					
Ethyl Benzene	11		"	10.0		112	80-131					
Hexachlorobutadiene	9.3		"	10.0		93.2	67-146					
Isopropylbenzene	11		"	10.0		109	76-140					
Methyl acetate	11		"	10.0		115	51-139					
Methyl tert-butyl ether (MTBE)	10		"	10.0		105	76-135					
Methylcyclohexane	11		"	10.0		113	72-143					
Methylene chloride	9.9		"	10.0		98.9	55-137					
n-Butylbenzene	11		"	10.0		109	79-132					



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50174 - EPA 5030B

LCS (BI50174-BS1)

Prepared & Analyzed: 09/03/2015

n-Propylbenzene	11		ug/L	10.0		110	78-133				
o-Xylene	11		"	10.0		111	78-130				
p- & m- Xylenes	23		"	20.0		115	77-133				
p-Isopropyltoluene	11		"	10.0		110	81-136				
sec-Butylbenzene	11		"	10.0		111	79-137				
Styrene	12		"	10.0		124	67-132				
tert-Butyl alcohol (TBA)	12		"	10.0		119	25-162				
tert-Butylbenzene	11		"	10.0		108	77-138				
Tetrachloroethylene	11		"	10.0		114	82-131				
Toluene	11		"	10.0		110	80-127				
trans-1,2-Dichloroethylene	10		"	10.0		104	80-132				
trans-1,3-Dichloropropylene	9.4		"	10.0		93.9	78-131				
Trichloroethylene	11		"	10.0		107	82-128				
Trichlorofluoromethane	11		"	10.0		106	67-139				
Vinyl Chloride	12		"	10.0		115	58-145				
Surrogate: 1,2-Dichloroethane-d4	9.50		"	10.0		95.0	69-130				
Surrogate: Toluene-d8	10.2		"	10.0		102	81-117				
Surrogate: p-Bromofluorobenzene	9.57		"	10.0		95.7	79-122				

LCS Dup (BI50174-BS1)

Prepared & Analyzed: 09/03/2015

1,1,1,2-Tetrachloroethane	10		ug/L	10.0		101	82-126		2.16	30	
1,1,1-Trichloroethane	10		"	10.0		105	78-136		0.383	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		101	76-129		2.45	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		111	54-165		0.806	30	
1,1,2-Trichloroethane	10		"	10.0		105	82-123		0.0953	30	
1,1-Dichloroethane	11		"	10.0		109	82-129		9.48	30	
1,1-Dichloroethylene	10		"	10.0		103	68-138		0.873	30	
1,2,3-Trichlorobenzene	9.8		"	10.0		98.1	76-136		1.72	30	
1,2,3-Trichloropropane	9.7		"	10.0		96.8	77-128		1.74	30	
1,2,4-Trichlorobenzene	10		"	10.0		101	76-137		2.26	30	
1,2,4-Trimethylbenzene	11		"	10.0		106	82-132		2.89	30	
1,2-Dibromo-3-chloropropane	9.4		"	10.0		93.6	45-147		1.83	30	
1,2-Dibromoethane	10		"	10.0		102	83-124		0.683	30	
1,2-Dichlorobenzene	10		"	10.0		102	79-123		2.42	30	
1,2-Dichloroethane	9.7		"	10.0		97.0	73-132		2.08	30	
1,2-Dichloropropane	11		"	10.0		109	78-126		0.368	30	
1,3,5-Trimethylbenzene	11		"	10.0		105	80-131		2.53	30	
1,3-Dichlorobenzene	11		"	10.0		106	86-122		2.06	30	
1,4-Dichlorobenzene	11		"	10.0		108	85-124		4.73	30	
1,4-Dioxane	840		"	200		418	10-349	High Bias	6.83	30	
2-Butanone	11		"	10.0		108	49-152		12.5	30	
2-Hexanone	11		"	10.0		111	51-146		6.04	30	
4-Methyl-2-pentanone	6.4		"	10.0		63.6	57-145		0.948	30	
Acetone	9.3		"	10.0		93.2	14-150		1.70	30	
Acrolein	12		"	10.0		118	10-153		0.340	30	
Acrylonitrile	11		"	10.0		110	51-150		1.44	30	
Benzene	12		"	10.0		116	85-126		1.71	30	
Bromochloromethane	11		"	10.0		109	77-128		1.85	30	
Bromodichloromethane	10		"	10.0		105	79-128		2.02	30	
Bromoform	9.2		"	10.0		91.7	78-133		2.16	30	
Bromomethane	1.5		"	10.0		15.4	43-168	Low Bias	34.2	30	Non-dir.
Carbon disulfide	11		"	10.0		109	68-146		1.18	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50174 - EPA 5030B

LCS Dup (BI50174-BSD1)

Prepared & Analyzed: 09/03/2015

Carbon tetrachloride	10		ug/L	10.0		102	77-141		1.78	30	
Chlorobenzene	10		"	10.0		104	88-120		4.59	30	
Chloroethane	11		"	10.0		108	65-136		1.01	30	
Chloroform	11		"	10.0		108	82-128		0.558	30	
Chloromethane	8.8		"	10.0		87.9	43-155		0.685	30	
cis-1,2-Dichloroethylene	11		"	10.0		108	83-129		1.92	30	
cis-1,3-Dichloropropylene	10		"	10.0		101	80-131		0.497	30	
Cyclohexane	12		"	10.0		119	63-149		1.52	30	
Dibromochloromethane	10		"	10.0		99.6	80-130		2.44	30	
Dibromomethane	10		"	10.0		103	72-134		0.388	30	
Dichlorodifluoromethane	15		"	10.0		145	44-144	High Bias	0.692	30	
Ethyl Benzene	11		"	10.0		108	80-131		3.63	30	
Hexachlorobutadiene	9.7		"	10.0		96.8	67-146		3.79	30	
Isopropylbenzene	10		"	10.0		105	76-140		4.39	30	
Methyl acetate	12		"	10.0		118	51-139		2.58	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		104	76-135		0.957	30	
Methylcyclohexane	11		"	10.0		114	72-143		1.15	30	
Methylene chloride	9.8		"	10.0		98.4	55-137		0.507	30	
n-Butylbenzene	11		"	10.0		107	79-132		1.86	30	
n-Propylbenzene	11		"	10.0		107	78-133		3.14	30	
o-Xylene	11		"	10.0		111	78-130		0.0898	30	
p- & m- Xylenes	22		"	20.0		112	77-133		2.64	30	
p-Isopropyltoluene	11		"	10.0		108	81-136		1.92	30	
sec-Butylbenzene	11		"	10.0		108	79-137		2.55	30	
Styrene	12		"	10.0		118	67-132		5.30	30	
tert-Butyl alcohol (TBA)	13		"	10.0		126	25-162		5.31	30	
tert-Butylbenzene	11		"	10.0		106	77-138		2.43	30	
Tetrachloroethylene	11		"	10.0		112	82-131		2.48	30	
Toluene	11		"	10.0		111	80-127		0.812	30	
trans-1,2-Dichloroethylene	10		"	10.0		103	80-132		0.580	30	
trans-1,3-Dichloropropylene	9.5		"	10.0		95.2	78-131		1.37	30	
Trichloroethylene	11		"	10.0		108	82-128		1.49	30	
Trichlorofluoromethane	10		"	10.0		102	67-139		3.17	30	
Vinyl Chloride	11		"	10.0		112	58-145		2.29	30	
Surrogate: 1,2-Dichloroethane-d4	9.51		"	10.0		95.1	69-130				
Surrogate: Toluene-d8	10.2		"	10.0		102	81-117				
Surrogate: p-Bromofluorobenzene	9.28		"	10.0		92.8	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50249 - EPA 5030B

Blank (BI50249-BLK1)

Prepared & Analyzed: 09/04/2015

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	80	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	0.67	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50249 - EPA 5030B

Blank (BI50249-BLK1)

Prepared & Analyzed: 09/04/2015

n-Propylbenzene	ND	0.50	ug/L								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								

Surrogate: 1,2-Dichloroethane-d4	10.5		"	10.0		105	69-130				
Surrogate: Toluene-d8	10.2		"	10.0		102	81-117				
Surrogate: p-Bromofluorobenzene	8.13		"	10.0		81.3	79-122				

LCS (BI50249-BS1)

Prepared & Analyzed: 09/04/2015

1,1,1,2-Tetrachloroethane	11		ug/L	10.0		112	82-126				
1,1,1-Trichloroethane	11		"	10.0		108	78-136				
1,1,2,2-Tetrachloroethane	12		"	10.0		120	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		107	54-165				
1,1,2-Trichloroethane	11		"	10.0		114	82-123				
1,1-Dichloroethane	11		"	10.0		110	82-129				
1,1-Dichloroethylene	10		"	10.0		100	68-138				
1,2,3-Trichlorobenzene	12		"	10.0		116	76-136				
1,2,3-Trichloropropane	12		"	10.0		121	77-128				
1,2,4-Trichlorobenzene	12		"	10.0		116	76-137				
1,2,4-Trimethylbenzene	9.3		"	10.0		92.8	82-132				
1,2-Dibromo-3-chloropropane	11		"	10.0		107	45-147				
1,2-Dibromoethane	12		"	10.0		116	83-124				
1,2-Dichlorobenzene	12		"	10.0		117	79-123				
1,2-Dichloroethane	11		"	10.0		110	73-132				
1,2-Dichloropropane	11		"	10.0		109	78-126				
1,3,5-Trimethylbenzene	9.8		"	10.0		98.2	80-131				
1,3-Dichlorobenzene	11		"	10.0		112	86-122				
1,4-Dichlorobenzene	11		"	10.0		113	85-124				
1,4-Dioxane	410		"	200		206	10-349				
2-Butanone	13		"	10.0		126	49-152				
2-Hexanone	12		"	10.0		125	51-146				
4-Methyl-2-pentanone	6.9		"	10.0		68.9	57-145				
Acetone	9.8		"	10.0		97.6	14-150				
Acrolein	10		"	10.0		104	10-153				
Acrylonitrile	12		"	10.0		115	51-150				
Benzene	11		"	10.0		107	85-126				
Bromochloromethane	11		"	10.0		112	77-128				
Bromodichloromethane	12		"	10.0		123	79-128				
Bromoform	14		"	10.0		136	78-133			High Bias	
Bromomethane	8.8		"	10.0		88.5	43-168				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50249 - EPA 5030B

LCS (BI50249-BS1)

Prepared & Analyzed: 09/04/2015

Carbon disulfide	12		ug/L	10.0		124	68-146						
Carbon tetrachloride	11		"	10.0		114	77-141						
Chlorobenzene	11		"	10.0		114	88-120						
Chloroethane	11		"	10.0		107	65-136						
Chloroform	11		"	10.0		106	82-128						
Chloromethane	11		"	10.0		111	43-155						
cis-1,2-Dichloroethylene	11		"	10.0		111	83-129						
cis-1,3-Dichloropropylene	11		"	10.0		114	80-131						
Cyclohexane	10		"	10.0		104	63-149						
Dibromochloromethane	13		"	10.0		128	80-130						
Dibromomethane	11		"	10.0		112	72-134						
Dichlorodifluoromethane	12		"	10.0		116	44-144						
Ethyl Benzene	11		"	10.0		106	80-131						
Hexachlorobutadiene	11		"	10.0		108	67-146						
Isopropylbenzene	11		"	10.0		111	76-140						
Methyl acetate	11		"	10.0		109	51-139						
Methyl tert-butyl ether (MTBE)	10		"	10.0		104	76-135						
Methylcyclohexane	11		"	10.0		112	72-143						
Methylene chloride	9.5		"	10.0		95.0	55-137						
n-Butylbenzene	12		"	10.0		115	79-132						
n-Propylbenzene	11		"	10.0		111	78-133						
o-Xylene	10		"	10.0		105	78-130						
p- & m- Xylenes	21		"	20.0		103	77-133						
p-Isopropyltoluene	11		"	10.0		112	81-136						
sec-Butylbenzene	11		"	10.0		112	79-137						
Styrene	10		"	10.0		104	67-132						
tert-Butyl alcohol (TBA)	9.7		"	10.0		96.6	25-162						
tert-Butylbenzene	11		"	10.0		110	77-138						
Tetrachloroethylene	10		"	10.0		102	82-131						
Toluene	11		"	10.0		106	80-127						
trans-1,2-Dichloroethylene	10		"	10.0		102	80-132						
trans-1,3-Dichloropropylene	12		"	10.0		117	78-131						
Trichloroethylene	11		"	10.0		108	82-128						
Trichlorofluoromethane	11		"	10.0		106	67-139						
Vinyl Chloride	11		"	10.0		110	58-145						
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>69-130</i>						
<i>Surrogate: Toluene-d8</i>	<i>9.95</i>		<i>"</i>	<i>10.0</i>		<i>99.5</i>	<i>81-117</i>						
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>79-122</i>						



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50249 - EPA 5030B

LCS Dup (BI50249-BSD1)

Prepared & Analyzed: 09/04/2015

1,1,1,2-Tetrachloroethane	11		ug/L	10.0		113	82-126		1.07	30	
1,1,1-Trichloroethane	11		"	10.0		108	78-136		0.369	30	
1,1,2,2-Tetrachloroethane	12		"	10.0		116	76-129		3.98	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		108	54-165		0.837	30	
1,1,2-Trichloroethane	11		"	10.0		114	82-123		0.527	30	
1,1-Dichloroethane	11		"	10.0		107	82-129		1.94	30	
1,1-Dichloroethylene	10		"	10.0		102	68-138		2.08	30	
1,2,3-Trichlorobenzene	12		"	10.0		116	76-136		0.604	30	
1,2,3-Trichloropropane	11		"	10.0		112	77-128		7.62	30	
1,2,4-Trichlorobenzene	12		"	10.0		117	76-137		1.03	30	
1,2,4-Trimethylbenzene	9.1		"	10.0		90.6	82-132		2.40	30	
1,2-Dibromo-3-chloropropane	9.9		"	10.0		99.3	45-147		7.65	30	
1,2-Dibromoethane	11		"	10.0		112	83-124		3.52	30	
1,2-Dichlorobenzene	11		"	10.0		111	79-123		4.99	30	
1,2-Dichloroethane	11		"	10.0		110	73-132		0.636	30	
1,2-Dichloropropane	11		"	10.0		111	78-126		2.27	30	
1,3,5-Trimethylbenzene	9.0		"	10.0		90.4	80-131		8.27	30	
1,3-Dichlorobenzene	11		"	10.0		110	86-122		1.71	30	
1,4-Dichlorobenzene	11		"	10.0		111	85-124		2.32	30	
1,4-Dioxane	440		"	200		221	10-349		6.95	30	
2-Butanone	12		"	10.0		122	49-152		3.55	30	
2-Hexanone	13		"	10.0		125	51-146		0.400	30	
4-Methyl-2-pentanone	6.9		"	10.0		68.6	57-145		0.436	30	
Acetone	10		"	10.0		103	14-150		5.67	30	
Acrolein	9.1		"	10.0		91.3	10-153		12.5	30	
Acrylonitrile	12		"	10.0		122	51-150		5.90	30	
Benzene	11		"	10.0		106	85-126		1.50	30	
Bromochloromethane	11		"	10.0		108	77-128		3.00	30	
Bromodichloromethane	12		"	10.0		120	79-128		3.04	30	
Bromoform	13		"	10.0		129	78-133		5.19	30	
Bromomethane	9.0		"	10.0		90.2	43-168		1.90	30	
Carbon disulfide	12		"	10.0		118	68-146		4.78	30	
Carbon tetrachloride	11		"	10.0		112	77-141		2.12	30	
Chlorobenzene	11		"	10.0		114	88-120		0.439	30	
Chloroethane	11		"	10.0		110	65-136		2.77	30	
Chloroform	11		"	10.0		106	82-128		0.471	30	
Chloromethane	11		"	10.0		112	43-155		0.810	30	
cis-1,2-Dichloroethylene	11		"	10.0		110	83-129		0.725	30	
cis-1,3-Dichloropropylene	11		"	10.0		112	80-131		1.95	30	
Cyclohexane	10		"	10.0		102	63-149		1.26	30	
Dibromochloromethane	13		"	10.0		126	80-130		1.74	30	
Dibromomethane	12		"	10.0		116	72-134		2.90	30	
Dichlorodifluoromethane	12		"	10.0		116	44-144		0.259	30	
Ethyl Benzene	11		"	10.0		107	80-131		1.41	30	
Hexachlorobutadiene	11		"	10.0		108	67-146		0.0926	30	
Isopropylbenzene	11		"	10.0		111	76-140		0.451	30	
Methyl acetate	11		"	10.0		109	51-139		0.459	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		111	76-135		5.85	30	
Methylcyclohexane	11		"	10.0		114	72-143		1.59	30	
Methylene chloride	9.5		"	10.0		95.1	55-137		0.105	30	
n-Butylbenzene	11		"	10.0		111	79-132		3.44	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50249 - EPA 5030B

LCS Dup (BI50249-BSD1)

Prepared & Analyzed: 09/04/2015

n-Propylbenzene	11		ug/L	10.0		109	78-133			2.28		30	
o-Xylene	10		"	10.0		103	78-130			1.83		30	
p- & m- Xylenes	20		"	20.0		99.7	77-133			3.64		30	
p-Isopropyltoluene	11		"	10.0		107	81-136			4.92		30	
sec-Butylbenzene	11		"	10.0		114	79-137			1.94		30	
Styrene	9.4		"	10.0		93.8	67-132			9.93		30	
tert-Butyl alcohol (TBA)	10		"	10.0		103	25-162			6.70		30	
tert-Butylbenzene	11		"	10.0		110	77-138			0.636		30	
Tetrachloroethylene	10		"	10.0		104	82-131			1.55		30	
Toluene	11		"	10.0		107	80-127			1.32		30	
trans-1,2-Dichloroethylene	11		"	10.0		106	80-132			3.46		30	
trans-1,3-Dichloropropylene	11		"	10.0		111	78-131			5.01		30	
Trichloroethylene	11		"	10.0		113	82-128			4.63		30	
Trichlorofluoromethane	11		"	10.0		106	67-139			0.376		30	
Vinyl Chloride	11		"	10.0		113	58-145			3.05		30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>69-130</i>						
<i>Surrogate: Toluene-d8</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>81-117</i>						
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>79-122</i>						



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BH51293 - EPA 3510C

Blank (BH51293-BLK1)

Prepared & Analyzed: 08/28/2015

1,1'-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3'-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	20.0	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	50.0	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BH51293 - EPA 3510C

Blank (BH51293-BLK1)

Prepared & Analyzed: 08/28/2015

Caprolactam	ND	5.00	ug/L								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Surrogate: 2-Fluorophenol	23.0		"	75.2		30.6	10-65				
Surrogate: Phenol-d5	13.2		"	75.0		17.5	10-49				
Surrogate: Nitrobenzene-d5	43.6		"	50.3		86.7	10-96				
Surrogate: 2-Fluorobiphenyl	37.0		"	50.0		74.0	10-93				
Surrogate: 2,4,6-Tribromophenol	59.2		"	75.2		78.7	10-128				
Surrogate: Terphenyl-d14	44.5		"	50.0		89.0	10-100				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH51293 - EPA 3510C											
LCS (BH51293-BS1)											
											Prepared & Analyzed: 08/28/2015
1,1'-Biphenyl	40.8	5.00	ug/L				21-102				
1,2,4,5-Tetrachlorobenzene	40.4	5.00	"	50.0		80.8	28-105				
1,2,4-Trichlorobenzene	33.3	5.00	"	50.0		66.5	35-91				
1,2-Dichlorobenzene	31.8	5.00	"	50.0		63.6	42-85				
1,2-Diphenylhydrazine (as Azobenzene)	50.6	5.00	"	50.0		101	16-137				
1,3-Dichlorobenzene	30.3	5.00	"	50.0		60.7	45-80				
1,4-Dichlorobenzene	29.5	5.00	"	50.0		59.0	42-82				
2,3,4,6-Tetrachlorophenol	109	5.00	"	50.0		218	30-130	High Bias			
2,4,5-Trichlorophenol	44.4	5.00	"	50.0		88.9	36-112				
2,4,6-Trichlorophenol	43.4	5.00	"	50.0		86.8	41-107				
2,4-Dichlorophenol	38.2	5.00	"	50.0		76.4	43-92				
2,4-Dimethylphenol	38.8	5.00	"	50.0		77.6	25-92				
2,4-Dinitrophenol	46.5	5.00	"	50.0		93.0	10-149				
2,4-Dinitrotoluene	45.7	5.00	"	50.0		91.3	41-114				
2,6-Dinitrotoluene	45.5	5.00	"	50.0		91.0	49-106				
2-Chloronaphthalene	41.3	5.00	"	50.0		82.6	40-96				
2-Chlorophenol	31.8	5.00	"	50.0		63.6	35-84				
2-Methylnaphthalene	44.1	5.00	"	50.0		88.2	33-101				
2-Methylphenol	26.6	5.00	"	50.0		53.2	10-90				
2-Nitroaniline	42.4	5.00	"	50.0		84.9	31-122				
2-Nitrophenol	37.6	5.00	"	50.0		75.2	37-97				
3- & 4-Methylphenols	24.4	5.00	"	50.0		48.8	10-101				
3,3'-Dichlorobenzidine	50.9	5.00	"	50.0		102	25-155				
3-Nitroaniline	43.5	5.00	"	50.0		87.0	29-128				
4,6-Dinitro-2-methylphenol	50.5	5.00	"	50.0		101	10-135				
4-Bromophenyl phenyl ether	46.9	5.00	"	50.0		93.8	38-116				
4-Chloro-3-methylphenol	43.6	5.00	"	50.0		87.2	28-101				
4-Chloroaniline	36.6	5.00	"	50.0		73.1	10-154				
4-Chlorophenyl phenyl ether	47.5	5.00	"	50.0		95.0	34-112				
4-Nitroaniline	45.6	5.00	"	50.0		91.2	15-143				
4-Nitrophenol	27.2	5.00	"	50.0		54.4	10-112				
Acenaphthene	49.7	0.0500	"	50.0		99.4	24-114				
Acenaphthylene	43.8	0.0500	"	50.0		87.6	26-112				
Acetophenone	39.0	5.00	"	50.0		77.9	47-92				
Aniline	24.9	5.00	"	50.0		49.8	10-107				
Anthracene	46.2	0.0500	"	50.0		92.5	35-114				
Atrazine	45.3	0.500	"	50.0		90.6	43-101				
Benzaldehyde	33.8	5.00	"	50.0		67.6	17-117				
Benzo(a)anthracene	42.9	0.0500	"	50.0		85.8	38-127				
Benzo(a)pyrene	41.3	0.0500	"	50.0		82.5	30-146				
Benzo(b)fluoranthene	43.2	0.0500	"	50.0		86.4	36-145				
Benzo(g,h,i)perylene	32.3	0.0500	"	50.0		64.5	10-163				
Benzo(k)fluoranthene	37.9	0.0500	"	50.0		75.8	16-149				
Benzoic acid	ND	5.00	"	50.5			30-130	Low Bias			
Benzyl alcohol	26.1	5.00	"	50.0		52.2	18-75				
Benzyl butyl phthalate	29.1	5.00	"	50.0		58.3	28-129				
Bis(2-chloroethoxy)methane	43.3	5.00	"	50.0		86.7	27-112				
Bis(2-chloroethyl)ether	35.9	5.00	"	50.0		71.8	24-114				
Bis(2-chloroisopropyl)ether	43.6	5.00	"	50.0		87.3	21-124				
Bis(2-ethylhexyl)phthalate	47.9	0.500	"	50.0		95.7	10-171				
Caprolactam	7.01	5.00	"	50.0		14.0	10-29				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BH51293 - EPA 3510C

LCS (BH51293-BS1)

Prepared & Analyzed: 08/28/2015

Carbazole	45.9	5.00	ug/L	50.0		91.8	49-116				
Chrysene	39.2	0.0500	"	50.0		78.5	33-120				
Dibenzo(a,h)anthracene	35.3	0.0500	"	50.0		70.6	10-149				
Dibenzofuran	43.8	5.00	"	50.0		87.7	42-105				
Diethyl phthalate	47.6	5.00	"	50.0		95.1	38-112				
Dimethyl phthalate	44.7	5.00	"	50.0		89.4	49-106				
Di-n-butyl phthalate	48.2	5.00	"	50.0		96.4	36-110				
Di-n-octyl phthalate	45.0	5.00	"	50.0		90.1	12-149				
Fluoranthene	46.4	0.0500	"	50.0		92.8	33-126				
Fluorene	49.1	0.0500	"	50.0		98.2	28-117				
Hexachlorobenzene	51.8	0.0200	"	50.0		104	27-120				
Hexachlorobutadiene	34.3	0.500	"	50.0		68.6	25-106				
Hexachlorocyclopentadiene	33.3	5.00	"	50.0		66.5	10-99				
Hexachloroethane	32.6	0.500	"	50.0		65.1	33-84				
Indeno(1,2,3-cd)pyrene	34.0	0.0500	"	50.0		68.0	10-150				
Isophorone	45.7	5.00	"	50.0		91.3	29-115				
Naphthalene	38.8	0.0500	"	50.0		77.6	30-99				
Nitrobenzene	42.7	0.250	"	50.0		85.4	32-113				
N-Nitrosodimethylamine	14.7	0.500	"	50.0		29.4	10-63				
N-nitroso-di-n-propylamine	46.2	5.00	"	50.0		92.5	36-118				
N-Nitrosodiphenylamine	59.3	5.00	"	50.0		119	27-145				
Pentachlorophenol	41.0	0.250	"	50.0		82.0	19-127				
Phenanthrene	47.9	0.0500	"	50.0		95.8	31-112				
Phenol	14.7	5.00	"	50.0		29.4	10-37				
Pyrene	40.2	0.0500	"	50.0		80.5	42-125				
Surrogate: 2-Fluorophenol	26.1		"	75.2		34.7	10-65				
Surrogate: Phenol-d5	18.3		"	75.0		24.4	10-49				
Surrogate: Nitrobenzene-d5	42.2		"	50.3		83.9	10-96				
Surrogate: 2-Fluorobiphenyl	40.0		"	50.0		80.0	10-93				
Surrogate: 2,4,6-Tribromophenol	66.1		"	75.2		87.9	10-128				
Surrogate: Terphenyl-d14	39.3		"	50.0		78.7	10-100				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BH51293 - EPA 3510C

LCS (BH51293-BS2)

Prepared & Analyzed: 08/28/2015

1,1'-Biphenyl	ND	5.00	ug/L				21-102				
1,2,4,5-Tetrachlorobenzene	ND	5.00	"				28-105				
1,2,4-Trichlorobenzene	ND	5.00	"				35-91				
1,2-Dichlorobenzene	ND	5.00	"				42-85				
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"				16-137				
1,3-Dichlorobenzene	ND	5.00	"				45-80				
1,4-Dichlorobenzene	ND	5.00	"				42-82				
2,3,4,6-Tetrachlorophenol	ND	5.00	"				30-130				
2,4,5-Trichlorophenol	ND	5.00	"				36-112				
2,4,6-Trichlorophenol	ND	5.00	"				41-107				
2,4-Dichlorophenol	ND	5.00	"				43-92				
2,4-Dimethylphenol	ND	5.00	"				25-92				
2,4-Dinitrophenol	ND	5.00	"				10-149				
2,4-Dinitrotoluene	ND	5.00	"				41-114				
2,6-Dinitrotoluene	ND	5.00	"				49-106				
2-Chloronaphthalene	ND	5.00	"				40-96				
2-Chlorophenol	ND	5.00	"				35-84				
2-Methylnaphthalene	ND	5.00	"				33-101				
2-Methylphenol	ND	5.00	"				10-90				
2-Nitroaniline	ND	5.00	"				31-122				
2-Nitrophenol	ND	5.00	"				37-97				
3- & 4-Methylphenols	ND	5.00	"				10-101				
3,3'-Dichlorobenzidine	ND	5.00	"				25-155				
3-Nitroaniline	ND	5.00	"				29-128				
4,6-Dinitro-2-methylphenol	ND	5.00	"				10-135				
4-Bromophenyl phenyl ether	ND	5.00	"				38-116				
4-Chloro-3-methylphenol	ND	5.00	"				28-101				
4-Chloroaniline	ND	5.00	"				10-154				
4-Chlorophenyl phenyl ether	ND	5.00	"				34-112				
4-Nitroaniline	ND	5.00	"				15-143				
4-Nitrophenol	ND	5.00	"				10-112				
Acenaphthene	0.800	0.0500	"	1.00		80.0	24-114				
Acenaphthylene	0.910	0.0500	"	1.00		91.0	26-112				
Acetophenone	ND	5.00	"				47-92				
Aniline	ND	5.00	"				10-107				
Anthracene	0.770	0.0500	"	1.00		77.0	35-114				
Atrazine	ND	0.500	"				43-101				
Benzaldehyde	ND	5.00	"				17-117				
Benzo(a)anthracene	0.840	0.0500	"	1.00		84.0	38-127				
Benzo(a)pyrene	0.620	0.0500	"	1.00		62.0	30-146				
Benzo(b)fluoranthene	0.630	0.0500	"	1.00		63.0	36-145				
Benzo(g,h,i)perylene	0.540	0.0500	"	1.00		54.0	10-163				
Benzo(k)fluoranthene	0.690	0.0500	"	1.00		69.0	16-149				
Benzoic acid	ND	50.0	"				30-130				
Benzyl alcohol	ND	5.00	"				18-75				
Benzyl butyl phthalate	ND	5.00	"				28-129				
Bis(2-chloroethoxy)methane	ND	5.00	"				27-112				
Bis(2-chloroethyl)ether	ND	5.00	"				24-114				
Bis(2-chloroisopropyl)ether	ND	5.00	"				21-124				
Bis(2-ethylhexyl)phthalate	ND	0.500	"				10-171				
Caprolactam	ND	5.00	"				10-29				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BH51293 - EPA 3510C

LCS (BH51293-BS2)

Prepared & Analyzed: 08/28/2015

Carbazole	ND	5.00	ug/L				49-116				
Chrysene	0.820	0.0500	"	1.00		82.0	33-120				
Dibenzo(a,h)anthracene	0.550	0.0500	"	1.00		55.0	10-149				
Dibenzofuran	ND	5.00	"				42-105				
Diethyl phthalate	ND	5.00	"				38-112				
Dimethyl phthalate	ND	5.00	"				49-106				
Di-n-butyl phthalate	ND	5.00	"				36-110				
Di-n-octyl phthalate	ND	5.00	"				12-149				
Fluoranthene	0.860	0.0500	"	1.00		86.0	33-126				
Fluorene	0.840	0.0500	"	1.00		84.0	28-117				
Hexachlorobenzene	ND	0.0200	"				27-120				
Hexachlorobutadiene	ND	0.500	"				25-106				
Hexachlorocyclopentadiene	ND	5.00	"				10-99				
Hexachloroethane	ND	0.500	"				33-84				
Indeno(1,2,3-cd)pyrene	0.580	0.0500	"	1.00		58.0	10-150				
Isophorone	ND	5.00	"				29-115				
Naphthalene	0.760	0.0500	"	1.00		76.0	30-99				
Nitrobenzene	ND	0.250	"				32-113				
N-Nitrosodimethylamine	ND	0.500	"				10-63				
N-nitroso-di-n-propylamine	ND	5.00	"				36-118				
N-Nitrosodiphenylamine	ND	5.00	"				27-145				
Pentachlorophenol	ND	0.250	"				19-127				
Phenanthrene	0.840	0.0500	"	1.00		84.0	31-112				
Phenol	ND	5.00	"				10-37				
Pyrene	1.08	0.0500	"	1.00		108	42-125				
<i>Surrogate: 2-Fluorophenol</i>	<i>0.00</i>		<i>"</i>	<i>75.2</i>			<i>10-65</i>				
<i>Surrogate: Phenol-d5</i>	<i>0.00</i>		<i>"</i>	<i>75.0</i>			<i>10-49</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>0.00</i>		<i>"</i>	<i>50.3</i>			<i>10-96</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>0.00</i>		<i>"</i>	<i>50.0</i>			<i>10-93</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>0.00</i>		<i>"</i>	<i>75.2</i>			<i>10-128</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>0.00</i>		<i>"</i>	<i>50.0</i>			<i>10-100</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH51293 - EPA 3510C											
LCS Dup (BH51293-BSD1)											
Prepared & Analyzed: 08/28/2015											
1,1'-Biphenyl	36.8	5.00	ug/L				21-102		10.1	20	
1,2,4,5-Tetrachlorobenzene	36.1	5.00	"	50.0		72.1	28-105		11.3	20	
1,2,4-Trichlorobenzene	31.0	5.00	"	50.0		62.0	35-91		7.07	20	
1,2-Dichlorobenzene	31.2	5.00	"	50.0		62.3	42-85		2.13	20	
1,2-Diphenylhydrazine (as Azobenzene)	45.0	5.00	"	50.0		90.0	16-137		11.7	20	
1,3-Dichlorobenzene	30.2	5.00	"	50.0		60.4	45-80		0.363	20	
1,4-Dichlorobenzene	28.8	5.00	"	50.0		57.5	42-82		2.54	20	
2,3,4,6-Tetrachlorophenol	96.0	5.00	"	50.0		192	30-130	High Bias	12.8	20	
2,4,5-Trichlorophenol	38.8	5.00	"	50.0		77.6	36-112		13.5	20	
2,4,6-Trichlorophenol	37.4	5.00	"	50.0		74.9	41-107		14.7	20	
2,4-Dichlorophenol	33.6	5.00	"	50.0		67.1	43-92		13.0	20	
2,4-Dimethylphenol	35.7	5.00	"	50.0		71.5	25-92		8.21	20	
2,4-Dinitrophenol	35.9	5.00	"	50.0		71.8	10-149		25.8	20	Non-dir.
2,4-Dinitrotoluene	39.6	5.00	"	50.0		79.3	41-114		14.1	20	
2,6-Dinitrotoluene	39.6	5.00	"	50.0		79.3	49-106		13.8	20	
2-Chloronaphthalene	36.1	5.00	"	50.0		72.3	40-96		13.3	20	
2-Chlorophenol	29.8	5.00	"	50.0		59.5	35-84		6.56	20	
2-Methylnaphthalene	40.4	5.00	"	50.0		80.8	33-101		8.80	20	
2-Methylphenol	25.0	5.00	"	50.0		50.0	10-90		6.20	20	
2-Nitroaniline	37.6	5.00	"	50.0		75.3	31-122		11.9	20	
2-Nitrophenol	34.5	5.00	"	50.0		69.0	37-97		8.60	20	
3- & 4-Methylphenols	22.6	5.00	"	50.0		45.2	10-101		7.74	20	
3,3'-Dichlorobenzidine	42.7	5.00	"	50.0		85.4	25-155		17.5	20	
3-Nitroaniline	36.1	5.00	"	50.0		72.2	29-128		18.5	20	
4,6-Dinitro-2-methylphenol	42.8	5.00	"	50.0		85.6	10-135		16.5	20	
4-Bromophenyl phenyl ether	41.2	5.00	"	50.0		82.4	38-116		12.9	20	
4-Chloro-3-methylphenol	38.1	5.00	"	50.0		76.2	28-101		13.4	20	
4-Chloroaniline	30.5	5.00	"	50.0		60.9	10-154		18.2	20	
4-Chlorophenyl phenyl ether	40.6	5.00	"	50.0		81.3	34-112		15.6	20	
4-Nitroaniline	37.2	5.00	"	50.0		74.4	15-143		20.2	20	Non-dir.
4-Nitrophenol	9.73	5.00	"	50.0		19.5	10-112		94.7	20	Non-dir.
Acenaphthene	42.3	0.0500	"	50.0		84.7	24-114		16.0	20	
Acenaphthylene	38.2	0.0500	"	50.0		76.4	26-112		13.6	20	
Acetophenone	36.3	5.00	"	50.0		72.7	47-92		7.01	20	
Aniline	20.9	5.00	"	50.0		41.9	10-107		17.4	20	
Anthracene	40.1	0.0500	"	50.0		80.2	35-114		14.2	20	
Atrazine	40.2	0.500	"	50.0		80.4	43-101		11.9	20	
Benzaldehyde	33.6	5.00	"	50.0		67.3	17-117		0.415	20	
Benzo(a)anthracene	37.4	0.0500	"	50.0		74.8	38-127		13.7	20	
Benzo(a)pyrene	36.1	0.0500	"	50.0		72.2	30-146		13.3	20	
Benzo(b)fluoranthene	35.4	0.0500	"	50.0		70.8	36-145		19.8	20	
Benzo(g,h,i)perylene	28.6	0.0500	"	50.0		57.2	10-163		12.1	20	
Benzo(k)fluoranthene	33.7	0.0500	"	50.0		67.4	16-149		11.6	20	
Benzoic acid	ND	5.00	"	50.5			30-130	Low Bias		20	
Benzyl alcohol	23.4	5.00	"	50.0		46.8	18-75		10.9	20	
Benzyl butyl phthalate	25.6	5.00	"	50.0		51.1	28-129		13.1	20	
Bis(2-chloroethoxy)methane	39.1	5.00	"	50.0		78.2	27-112		10.3	20	
Bis(2-chloroethyl)ether	31.8	5.00	"	50.0		63.6	24-114		12.1	20	
Bis(2-chloroisopropyl)ether	40.6	5.00	"	50.0		81.2	21-124		7.15	20	
Bis(2-ethylhexyl)phthalate	41.5	0.500	"	50.0		83.1	10-171		14.2	20	
Caprolactam	6.41	5.00	"	50.0		12.8	10-29		8.94	20	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH51293 - EPA 3510C											
LCS Dup (BH51293-BSD1)											
Prepared & Analyzed: 08/28/2015											
Carbazole	39.5	5.00	ug/L	50.0		79.1	49-116		14.9	20	
Chrysene	34.2	0.0500	"	50.0		68.4	33-120		13.7	20	
Dibenzo(a,h)anthracene	30.2	0.0500	"	50.0		60.4	10-149		15.6	20	
Dibenzofuran	38.2	5.00	"	50.0		76.3	42-105		13.9	20	
Diethyl phthalate	40.9	5.00	"	50.0		81.7	38-112		15.2	20	
Dimethyl phthalate	38.7	5.00	"	50.0		77.4	49-106		14.3	20	
Di-n-butyl phthalate	42.1	5.00	"	50.0		84.2	36-110		13.5	20	
Di-n-octyl phthalate	39.2	5.00	"	50.0		78.5	12-149		13.7	20	
Fluoranthene	39.9	0.0500	"	50.0		79.9	33-126		14.9	20	
Fluorene	41.8	0.0500	"	50.0		83.6	28-117		16.1	20	
Hexachlorobenzene	43.4	0.0200	"	50.0		86.9	27-120		17.5	20	
Hexachlorobutadiene	33.9	0.500	"	50.0		67.9	25-106		1.11	20	
Hexachlorocyclopentadiene	30.0	5.00	"	50.0		60.0	10-99		10.2	20	
Hexachloroethane	31.9	0.500	"	50.0		63.9	33-84		1.92	20	
Indeno(1,2,3-cd)pyrene	27.8	0.0500	"	50.0		55.5	10-150		20.2	20	Non-dir.
Isophorone	41.5	5.00	"	50.0		83.0	29-115		9.54	20	
Naphthalene	36.2	0.0500	"	50.0		72.4	30-99		6.85	20	
Nitrobenzene	38.7	0.250	"	50.0		77.4	32-113		9.83	20	
N-Nitrosodimethylamine	13.3	0.500	"	50.0		26.5	10-63		10.2	20	
N-nitroso-di-n-propylamine	43.0	5.00	"	50.0		85.9	36-118		7.40	20	
N-Nitrosodiphenylamine	51.3	5.00	"	50.0		103	27-145		14.4	20	
Pentachlorophenol	32.0	0.250	"	50.0		64.0	19-127		24.6	20	Non-dir.
Phenanthrene	41.5	0.0500	"	50.0		83.1	31-112		14.2	20	
Phenol	13.2	5.00	"	50.0		26.5	10-37		10.4	20	
Pyrene	35.1	0.0500	"	50.0		70.2	42-125		13.6	20	
<i>Surrogate: 2-Fluorophenol</i>	<i>27.5</i>		<i>"</i>	<i>75.2</i>		<i>36.5</i>	<i>10-65</i>				
<i>Surrogate: Phenol-d5</i>	<i>17.0</i>		<i>"</i>	<i>75.0</i>		<i>22.7</i>	<i>10-49</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>39.0</i>		<i>"</i>	<i>50.3</i>		<i>77.6</i>	<i>10-96</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>35.6</i>		<i>"</i>	<i>50.0</i>		<i>71.2</i>	<i>10-93</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>57.8</i>		<i>"</i>	<i>75.2</i>		<i>76.8</i>	<i>10-128</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>34.4</i>		<i>"</i>	<i>50.0</i>		<i>68.7</i>	<i>10-100</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BH51372 - EPA 3510C

Blank (BH51372-BLK1)

Prepared & Analyzed: 08/31/2015

1,1'-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3'-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	20.0	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	50.0	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BH51372 - EPA 3510C

Blank (BH51372-BLK1)

Prepared & Analyzed: 08/31/2015

Caprolactam	ND	5.00	ug/L								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Surrogate: 2-Fluorophenol	30.0		"	75.2		39.9	10-65				
Surrogate: Phenol-d5	14.9		"	75.0		19.9	10-49				
Surrogate: Nitrobenzene-d5	43.3		"	50.3		86.1	10-96				
Surrogate: 2-Fluorobiphenyl	38.0		"	50.0		75.9	10-93				
Surrogate: 2,4,6-Tribromophenol	58.6		"	75.2		77.9	10-128				
Surrogate: Terphenyl-d14	44.0		"	50.0		88.0	10-100				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH51372 - EPA 3510C											
LCS (BH51372-BS1)											
Prepared & Analyzed: 08/31/2015											
1,1'-Biphenyl	31.3	5.00	ug/L				21-102				
1,2,4,5-Tetrachlorobenzene	31.4	5.00	"	50.0		62.8	28-105				
1,2,4-Trichlorobenzene	26.6	5.00	"	50.0		53.2	35-91				
1,2-Dichlorobenzene	26.7	5.00	"	50.0		53.4	42-85				
1,2-Diphenylhydrazine (as Azobenzene)	41.1	5.00	"	50.0		82.2	16-137				
1,3-Dichlorobenzene	25.9	5.00	"	50.0		51.8	45-80				
1,4-Dichlorobenzene	25.1	5.00	"	50.0		50.2	42-82				
2,3,4,6-Tetrachlorophenol	92.6	5.00	"	50.0		185	30-130	High Bias			
2,4,5-Trichlorophenol	32.6	5.00	"	50.0		65.3	36-112				
2,4,6-Trichlorophenol	33.3	5.00	"	50.0		66.7	41-107				
2,4-Dichlorophenol	27.6	5.00	"	50.0		55.3	43-92				
2,4-Dimethylphenol	26.3	5.00	"	50.0		52.5	25-92				
2,4-Dinitrophenol	34.6	5.00	"	50.0		69.2	10-149				
2,4-Dinitrotoluene	36.6	5.00	"	50.0		73.1	41-114				
2,6-Dinitrotoluene	36.9	5.00	"	50.0		73.8	49-106				
2-Chloronaphthalene	32.2	5.00	"	50.0		64.3	40-96				
2-Chlorophenol	25.5	5.00	"	50.0		51.1	35-84				
2-Methylnaphthalene	34.4	5.00	"	50.0		68.8	33-101				
2-Methylphenol	19.8	5.00	"	50.0		39.6	10-90				
2-Nitroaniline	32.9	5.00	"	50.0		65.7	31-122				
2-Nitrophenol	29.0	5.00	"	50.0		57.9	37-97				
3- & 4-Methylphenols	17.3	5.00	"	50.0		34.7	10-101				
3,3'-Dichlorobenzidine	39.2	5.00	"	50.0		78.4	25-155				
3-Nitroaniline	32.0	5.00	"	50.0		64.0	29-128				
4,6-Dinitro-2-methylphenol	39.2	5.00	"	50.0		78.3	10-135				
4-Bromophenyl phenyl ether	37.3	5.00	"	50.0		74.7	38-116				
4-Chloro-3-methylphenol	32.9	5.00	"	50.0		65.8	28-101				
4-Chloroaniline	25.0	5.00	"	50.0		49.9	10-154				
4-Chlorophenyl phenyl ether	37.3	5.00	"	50.0		74.7	34-112				
4-Nitroaniline	34.0	5.00	"	50.0		67.9	15-143				
4-Nitrophenol	12.0	5.00	"	50.0		23.9	10-112				
Acenaphthene	37.3	0.0500	"	50.0		74.7	24-114				
Acenaphthylene	34.4	0.0500	"	50.0		68.9	26-112				
Acetophenone	31.8	5.00	"	50.0		63.5	47-92				
Aniline	16.5	5.00	"	50.0		33.0	10-107				
Anthracene	36.5	0.0500	"	50.0		73.1	35-114				
Atrazine	36.4	0.500	"	50.0		72.9	43-101				
Benzaldehyde	30.2	5.00	"	50.0		60.3	17-117				
Benzo(a)anthracene	32.6	0.0500	"	50.0		65.3	38-127				
Benzo(a)pyrene	32.2	0.0500	"	50.0		64.3	30-146				
Benzo(b)fluoranthene	31.1	0.0500	"	50.0		62.2	36-145				
Benzo(g,h,i)perylene	29.0	0.0500	"	50.0		58.0	10-163				
Benzo(k)fluoranthene	30.0	0.0500	"	50.0		60.0	16-149				
Benzoic acid	ND	5.00	"	50.5			30-130	Low Bias			
Benzyl alcohol	18.5	5.00	"	50.0		37.0	18-75				
Benzyl butyl phthalate	21.9	5.00	"	50.0		43.9	28-129				
Bis(2-chloroethoxy)methane	33.2	5.00	"	50.0		66.4	27-112				
Bis(2-chloroethyl)ether	27.7	5.00	"	50.0		55.5	24-114				
Bis(2-chloroisopropyl)ether	34.5	5.00	"	50.0		68.9	21-124				
Bis(2-ethylhexyl)phthalate	95.0	0.500	"	50.0		190	10-171	High Bias			
Caprolactam	5.20	5.00	"	50.0		10.4	10-29				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BH51372 - EPA 3510C

LCS (BH51372-BS1)

Prepared & Analyzed: 08/31/2015

Carbazole	36.2	5.00	ug/L	50.0		72.4	49-116				
Chrysene	29.7	0.0500	"	50.0		59.4	33-120				
Dibenzo(a,h)anthracene	29.0	0.0500	"	50.0		57.9	10-149				
Dibenzofuran	34.5	5.00	"	50.0		69.0	42-105				
Diethyl phthalate	38.1	5.00	"	50.0		76.2	38-112				
Dimethyl phthalate	35.2	5.00	"	50.0		70.5	49-106				
Di-n-butyl phthalate	38.3	5.00	"	50.0		76.7	36-110				
Di-n-octyl phthalate	33.7	5.00	"	50.0		67.4	12-149				
Fluoranthene	37.6	0.0500	"	50.0		75.2	33-126				
Fluorene	37.4	0.0500	"	50.0		74.9	28-117				
Hexachlorobenzene	42.6	0.0200	"	50.0		85.2	27-120				
Hexachlorobutadiene	28.7	0.500	"	50.0		57.4	25-106				
Hexachlorocyclopentadiene	17.7	5.00	"	50.0		35.4	10-99				
Hexachloroethane	28.1	0.500	"	50.0		56.2	33-84				
Indeno(1,2,3-cd)pyrene	29.2	0.0500	"	50.0		58.3	10-150				
Isophorone	35.1	5.00	"	50.0		70.1	29-115				
Naphthalene	31.5	0.0500	"	50.0		63.0	30-99				
Nitrobenzene	34.4	0.250	"	50.0		68.8	32-113				
N-Nitrosodimethylamine	10.4	0.500	"	50.0		20.8	10-63				
N-nitroso-di-n-propylamine	35.6	5.00	"	50.0		71.2	36-118				
N-Nitrosodiphenylamine	45.3	5.00	"	50.0		90.7	27-145				
Pentachlorophenol	31.8	0.250	"	50.0		63.6	19-127				
Phenanthrene	38.0	0.0500	"	50.0		76.0	31-112				
Phenol	7.03	5.00	"	50.0		14.1	10-37				
Pyrene	30.1	0.0500	"	50.0		60.1	42-125				
<i>Surrogate: 2-Fluorophenol</i>	<i>22.9</i>		<i>"</i>	<i>75.2</i>		<i>30.4</i>	<i>10-65</i>				
<i>Surrogate: Phenol-d5</i>	<i>14.1</i>		<i>"</i>	<i>75.0</i>		<i>18.8</i>	<i>10-49</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>37.6</i>		<i>"</i>	<i>50.3</i>		<i>74.8</i>	<i>10-96</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>34.3</i>		<i>"</i>	<i>50.0</i>		<i>68.6</i>	<i>10-93</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>59.2</i>		<i>"</i>	<i>75.2</i>		<i>78.8</i>	<i>10-128</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>32.7</i>		<i>"</i>	<i>50.0</i>		<i>65.3</i>	<i>10-100</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BH51372 - EPA 3510C

LCS (BH51372-BS2)

Prepared & Analyzed: 08/31/2015

1,1'-Biphenyl	ND	5.00	ug/L				21-102				
1,2,4,5-Tetrachlorobenzene	ND	5.00	"				28-105				
1,2,4-Trichlorobenzene	ND	5.00	"				35-91				
1,2-Dichlorobenzene	ND	5.00	"				42-85				
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"				16-137				
1,3-Dichlorobenzene	ND	5.00	"				45-80				
1,4-Dichlorobenzene	ND	5.00	"				42-82				
2,3,4,6-Tetrachlorophenol	ND	5.00	"				30-130				
2,4,5-Trichlorophenol	ND	5.00	"				36-112				
2,4,6-Trichlorophenol	ND	5.00	"				41-107				
2,4-Dichlorophenol	ND	5.00	"				43-92				
2,4-Dimethylphenol	ND	5.00	"				25-92				
2,4-Dinitrophenol	ND	5.00	"				10-149				
2,4-Dinitrotoluene	ND	5.00	"				41-114				
2,6-Dinitrotoluene	ND	5.00	"				49-106				
2-Chloronaphthalene	ND	5.00	"				40-96				
2-Chlorophenol	ND	5.00	"				35-84				
2-Methylnaphthalene	ND	5.00	"				33-101				
2-Methylphenol	ND	5.00	"				10-90				
2-Nitroaniline	ND	5.00	"				31-122				
2-Nitrophenol	ND	5.00	"				37-97				
3- & 4-Methylphenols	ND	5.00	"				10-101				
3,3'-Dichlorobenzidine	ND	5.00	"				25-155				
3-Nitroaniline	ND	5.00	"				29-128				
4,6-Dinitro-2-methylphenol	ND	5.00	"				10-135				
4-Bromophenyl phenyl ether	ND	5.00	"				38-116				
4-Chloro-3-methylphenol	ND	5.00	"				28-101				
4-Chloroaniline	ND	5.00	"				10-154				
4-Chlorophenyl phenyl ether	ND	5.00	"				34-112				
4-Nitroaniline	ND	5.00	"				15-143				
4-Nitrophenol	ND	5.00	"				10-112				
Acenaphthene	0.670	0.0500	"	1.00		67.0	24-114				
Acenaphthylene	0.770	0.0500	"	1.00		77.0	26-112				
Acetophenone	ND	5.00	"				47-92				
Aniline	ND	5.00	"				10-107				
Anthracene	0.660	0.0500	"	1.00		66.0	35-114				
Atrazine	ND	0.500	"				43-101				
Benzaldehyde	ND	5.00	"				17-117				
Benzo(a)anthracene	0.690	0.0500	"	1.00		69.0	38-127				
Benzo(a)pyrene	0.510	0.0500	"	1.00		51.0	30-146				
Benzo(b)fluoranthene	0.500	0.0500	"	1.00		50.0	36-145				
Benzo(g,h,i)perylene	0.460	0.0500	"	1.00		46.0	10-163				
Benzo(k)fluoranthene	0.570	0.0500	"	1.00		57.0	16-149				
Benzoic acid	ND	5.00	"				30-130				
Benzyl alcohol	ND	5.00	"				18-75				
Benzyl butyl phthalate	ND	5.00	"				28-129				
Bis(2-chloroethoxy)methane	ND	5.00	"				27-112				
Bis(2-chloroethyl)ether	ND	5.00	"				24-114				
Bis(2-chloroisopropyl)ether	ND	5.00	"				21-124				
Bis(2-ethylhexyl)phthalate	ND	0.500	"				10-171				
Caprolactam	ND	5.00	"				10-29				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BH51372 - EPA 3510C

LCS (BH51372-BS2)

Prepared & Analyzed: 08/31/2015

Carbazole	ND	5.00	ug/L				49-116				
Chrysene	0.690	0.0500	"	1.00		69.0	33-120				
Dibenzo(a,h)anthracene	0.470	0.0500	"	1.00		47.0	10-149				
Dibenzofuran	ND	5.00	"				42-105				
Diethyl phthalate	ND	5.00	"				38-112				
Dimethyl phthalate	ND	5.00	"				49-106				
Di-n-butyl phthalate	ND	5.00	"				36-110				
Di-n-octyl phthalate	ND	5.00	"				12-149				
Fluoranthene	0.800	0.0500	"	1.00		80.0	33-126				
Fluorene	0.720	0.0500	"	1.00		72.0	28-117				
Hexachlorobenzene	ND	0.0200	"				27-120				
Hexachlorobutadiene	ND	0.500	"				25-106				
Hexachlorocyclopentadiene	ND	5.00	"				10-99				
Hexachloroethane	ND	0.500	"				33-84				
Indeno(1,2,3-cd)pyrene	0.500	0.0500	"	1.00		50.0	10-150				
Isophorone	ND	5.00	"				29-115				
Naphthalene	0.650	0.0500	"	1.00		65.0	30-99				
Nitrobenzene	ND	0.250	"				32-113				
N-Nitrosodimethylamine	ND	0.500	"				10-63				
N-nitroso-di-n-propylamine	ND	5.00	"				36-118				
N-Nitrosodiphenylamine	ND	5.00	"				27-145				
Pentachlorophenol	ND	0.250	"				19-127				
Phenanthrene	0.670	0.0500	"	1.00		67.0	31-112				
Phenol	ND	5.00	"				10-37				
Pyrene	0.780	0.0500	"	1.00		78.0	42-125				
Surrogate: 2-Fluorophenol	0.00		"	75.2			10-65				
Surrogate: Phenol-d5	0.00		"	75.0			10-49				
Surrogate: Nitrobenzene-d5	0.00		"	50.3			10-96				
Surrogate: 2-Fluorobiphenyl	0.00		"	50.0			10-93				
Surrogate: 2,4,6-Tribromophenol	0.00		"	75.2			10-128				
Surrogate: Terphenyl-d14	0.00		"	50.0			10-100				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH51372 - EPA 3510C											
LCS Dup (BH51372-BSD1)											
Prepared & Analyzed: 08/31/2015											
1,1'-Biphenyl	ND	5.00	ug/L				21-102				20
1,2,4,5-Tetrachlorobenzene	27.4	5.00	"	50.0		54.9	28-105		13.4		20
1,2,4-Trichlorobenzene	24.3	5.00	"	50.0		48.5	35-91		9.28		20
1,2-Dichlorobenzene	22.9	5.00	"	50.0		45.9	42-85		15.1		20
1,2-Diphenylhydrazine (as Azobenzene)	38.8	5.00	"	50.0		77.5	16-137		5.86		20
1,3-Dichlorobenzene	22.4	5.00	"	50.0		44.9	45-80	Low Bias	14.3		20
1,4-Dichlorobenzene	22.0	5.00	"	50.0		44.0	42-82		13.1		20
2,3,4,6-Tetrachlorophenol	80.6	5.00	"	50.0		161	30-130	High Bias	13.9		20
2,4,5-Trichlorophenol	28.8	5.00	"	50.0		57.7	36-112		12.4		20
2,4,6-Trichlorophenol	30.1	5.00	"	50.0		60.2	41-107		10.2		20
2,4-Dichlorophenol	26.0	5.00	"	50.0		51.9	43-92		6.27		20
2,4-Dimethylphenol	22.9	5.00	"	50.0		45.9	25-92		13.5		20
2,4-Dinitrophenol	35.2	5.00	"	50.0		70.5	10-149		1.80		20
2,4-Dinitrotoluene	34.1	5.00	"	50.0		68.1	41-114		7.02		20
2,6-Dinitrotoluene	33.9	5.00	"	50.0		67.9	49-106		8.36		20
2-Chloronaphthalene	27.0	5.00	"	50.0		54.0	40-96		17.5		20
2-Chlorophenol	22.0	5.00	"	50.0		44.0	35-84		14.9		20
2-Methylnaphthalene	30.1	5.00	"	50.0		60.3	33-101		13.2		20
2-Methylphenol	17.8	5.00	"	50.0		35.5	10-90		10.8		20
2-Nitroaniline	30.2	5.00	"	50.0		60.4	31-122		8.37		20
2-Nitrophenol	27.3	5.00	"	50.0		54.7	37-97		5.79		20
3- & 4-Methylphenols	15.7	5.00	"	50.0		31.4	10-101		9.81		20
3,3'-Dichlorobenzidine	37.7	5.00	"	50.0		75.4	25-155		3.93		20
3-Nitroaniline	27.9	5.00	"	50.0		55.7	29-128		13.8		20
4,6-Dinitro-2-methylphenol	35.1	5.00	"	50.0		70.2	10-135		10.9		20
4-Bromophenyl phenyl ether	34.5	5.00	"	50.0		69.0	38-116		7.88		20
4-Chloro-3-methylphenol	30.1	5.00	"	50.0		60.2	28-101		8.85		20
4-Chloroaniline	21.7	5.00	"	50.0		43.3	10-154		14.2		20
4-Chlorophenyl phenyl ether	33.5	5.00	"	50.0		67.0	34-112		10.8		20
4-Nitroaniline	30.8	5.00	"	50.0		61.7	15-143		9.66		20
4-Nitrophenol	14.7	5.00	"	50.0		29.4	10-112		20.5		20 Non-dir.
Acenaphthene	32.8	0.0500	"	50.0		65.6	24-114		12.9		20
Acenaphthylene	30.3	0.0500	"	50.0		60.6	26-112		12.8		20
Acetophenone	29.1	5.00	"	50.0		58.3	47-92		8.67		20
Aniline	14.3	5.00	"	50.0		28.7	10-107		14.0		20
Anthracene	35.2	0.0500	"	50.0		70.3	35-114		3.85		20
Atrazine	34.9	0.500	"	50.0		69.7	43-101		4.43		20
Benzaldehyde	27.9	5.00	"	50.0		55.8	17-117		7.72		20
Benzo(a)anthracene	33.0	0.0500	"	50.0		66.0	38-127		1.07		20
Benzo(a)pyrene	30.5	0.0500	"	50.0		61.0	30-146		5.30		20
Benzo(b)fluoranthene	31.2	0.0500	"	50.0		62.4	36-145		0.289		20
Benzo(g,h,i)perylene	29.7	0.0500	"	50.0		59.4	10-163		2.49		20
Benzo(k)fluoranthene	31.3	0.0500	"	50.0		62.5	16-149		4.15		20
Benzoic acid	ND	5.00	"	50.5			30-130	Low Bias			20
Benzyl alcohol	16.1	5.00	"	50.0		32.2	18-75		13.7		20
Benzyl butyl phthalate	21.8	5.00	"	50.0		43.7	28-129		0.503		20
Bis(2-chloroethoxy)methane	30.2	5.00	"	50.0		60.4	27-112		9.50		20
Bis(2-chloroethyl)ether	25.7	5.00	"	50.0		51.4	24-114		7.63		20
Bis(2-chloroisopropyl)ether	30.8	5.00	"	50.0		61.5	21-124		11.3		20
Bis(2-ethylhexyl)phthalate	36.2	0.500	"	50.0		72.5	10-171		89.6		20 Non-dir.
Caprolactam	5.37	5.00	"	50.0		10.7	10-29		3.22		20



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BH51372 - EPA 3510C

LCS Dup (BH51372-BSD1)

Prepared & Analyzed: 08/31/2015

Carbazole	34.6	5.00	ug/L	50.0		69.3	49-116		4.41	20	
Chrysene	29.7	0.0500	"	50.0		59.5	33-120		0.0336	20	
Dibenzo(a,h)anthracene	28.4	0.0500	"	50.0		56.9	10-149		1.78	20	
Dibenzofuran	30.4	5.00	"	50.0		60.7	42-105		12.8	20	
Diethyl phthalate	35.6	5.00	"	50.0		71.1	38-112		6.82	20	
Dimethyl phthalate	32.3	5.00	"	50.0		64.6	49-106		8.73	20	
Di-n-butyl phthalate	37.1	5.00	"	50.0		74.3	36-110		3.21	20	
Di-n-octyl phthalate	34.3	5.00	"	50.0		68.6	12-149		1.74	20	
Fluoranthene	34.7	0.0500	"	50.0		69.3	33-126		8.08	20	
Fluorene	33.9	0.0500	"	50.0		67.7	28-117		10.0	20	
Hexachlorobenzene	40.6	0.0200	"	50.0		81.2	27-120		4.76	20	
Hexachlorobutadiene	25.7	0.500	"	50.0		51.4	25-106		11.0	20	
Hexachlorocyclopentadiene	14.7	5.00	"	50.0		29.4	10-99		18.5	20	
Hexachloroethane	24.7	0.500	"	50.0		49.4	33-84		12.8	20	
Indeno(1,2,3-cd)pyrene	20.9	0.0500	"	50.0		41.7	10-150		33.2	20	Non-dir.
Isophorone	32.0	5.00	"	50.0		64.0	29-115		9.12	20	
Naphthalene	28.4	0.0500	"	50.0		56.8	30-99		10.4	20	
Nitrobenzene	31.0	0.250	"	50.0		61.9	32-113		10.6	20	
N-Nitrosodimethylamine	12.6	0.500	"	50.0		25.1	10-63		18.6	20	
N-nitroso-di-n-propylamine	32.6	5.00	"	50.0		65.2	36-118		8.74	20	
N-Nitrosodiphenylamine	43.4	5.00	"	50.0		86.8	27-145		4.30	20	
Pentachlorophenol	28.5	0.250	"	50.0		57.0	19-127		11.0	20	
Phenanthrene	35.8	0.0500	"	50.0		71.7	31-112		5.85	20	
Phenol	5.76	5.00	"	50.0		11.5	10-37		19.9	20	
Pyrene	30.6	0.0500	"	50.0		61.2	42-125		1.85	20	
Surrogate: 2-Fluorophenol	17.4		"	75.2		23.2	10-65				
Surrogate: Phenol-d5	12.5		"	75.0		16.7	10-49				
Surrogate: Nitrobenzene-d5	36.0		"	50.3		71.5	10-96				
Surrogate: 2-Fluorobiphenyl	29.9		"	50.0		59.9	10-93				
Surrogate: 2,4,6-Tribromophenol	57.0		"	75.2		75.8	10-128				
Surrogate: Terphenyl-d14	34.5		"	50.0		69.0	10-100				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50020 - EPA 3510C

Blank (BI50020-BLK1)

Prepared & Analyzed: 09/01/2015

1,1'-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3'-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	20.0	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	50.0	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50020 - EPA 3510C

Blank (BI50020-BLK1)

Prepared & Analyzed: 09/01/2015

Caprolactam	ND	5.00	ug/L								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Surrogate: 2-Fluorophenol	11.2		"	75.2		14.9	10-65				
Surrogate: Phenol-d5	8.63		"	75.0		11.5	10-49				
Surrogate: Nitrobenzene-d5	27.3		"	50.3		54.3	10-96				
Surrogate: 2-Fluorobiphenyl	23.0		"	50.0		45.9	10-93				
Surrogate: 2,4,6-Tribromophenol	34.4		"	75.2		45.8	10-128				
Surrogate: Terphenyl-d14	33.4		"	50.0		66.7	10-100				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI50020 - EPA 3510C											
LCS (BI50020-BS1)											
Prepared & Analyzed: 09/01/2015											
1,1'-Biphenyl	39.7	5.00	ug/L				21-102				
1,2,4,5-Tetrachlorobenzene	29.8	5.00	"	50.0		59.5	28-105				
1,2,4-Trichlorobenzene	31.4	5.00	"	50.0		62.7	35-91				
1,2-Dichlorobenzene	30.7	5.00	"	50.0		61.3	42-85				
1,2-Diphenylhydrazine (as Azobenzene)	51.2	5.00	"	50.0		102	16-137				
1,3-Dichlorobenzene	37.1	5.00	"	50.0		74.2	45-80				
1,4-Dichlorobenzene	29.0	5.00	"	50.0		58.0	42-82				
2,3,4,6-Tetrachlorophenol	112	5.00	"	50.0		223	30-130	High Bias			
2,4,5-Trichlorophenol	42.6	5.00	"	50.0		85.2	36-112				
2,4,6-Trichlorophenol	40.5	5.00	"	50.0		81.0	41-107				
2,4-Dichlorophenol	33.2	5.00	"	50.0		66.3	43-92				
2,4-Dimethylphenol	34.7	5.00	"	50.0		69.4	25-92				
2,4-Dinitrophenol	47.8	5.00	"	50.0		95.6	10-149				
2,4-Dinitrotoluene	45.8	5.00	"	50.0		91.5	41-114				
2,6-Dinitrotoluene	44.6	5.00	"	50.0		89.2	49-106				
2-Chloronaphthalene	38.1	5.00	"	50.0		76.3	40-96				
2-Chlorophenol	27.6	5.00	"	50.0		55.3	35-84				
2-Methylnaphthalene	40.7	5.00	"	50.0		81.4	33-101				
2-Methylphenol	23.6	5.00	"	50.0		47.3	10-90				
2-Nitroaniline	40.8	5.00	"	50.0		81.5	31-122				
2-Nitrophenol	33.0	5.00	"	50.0		66.0	37-97				
3- & 4-Methylphenols	21.4	5.00	"	50.0		42.9	10-101				
3,3'-Dichlorobenzidine	40.1	5.00	"	50.0		80.2	25-155				
3-Nitroaniline	41.3	5.00	"	50.0		82.7	29-128				
4,6-Dinitro-2-methylphenol	48.9	5.00	"	50.0		97.8	10-135				
4-Bromophenyl phenyl ether	45.3	5.00	"	50.0		90.7	38-116				
4-Chloro-3-methylphenol	40.0	5.00	"	50.0		80.1	28-101				
4-Chloroaniline	31.1	5.00	"	50.0		62.2	10-154				
4-Chlorophenyl phenyl ether	46.6	5.00	"	50.0		93.1	34-112				
4-Nitroaniline	43.9	5.00	"	50.0		87.8	15-143				
4-Nitrophenol	10.5	5.00	"	50.0		21.0	10-112				
Acenaphthene	45.8	0.0500	"	50.0		91.6	24-114				
Acenaphthylene	42.3	0.0500	"	50.0		84.6	26-112				
Acetophenone	36.7	5.00	"	50.0		73.5	47-92				
Aniline	19.2	5.00	"	50.0		38.5	10-107				
Anthracene	46.3	0.0500	"	50.0		92.6	35-114				
Atrazine	45.5	0.500	"	50.0		91.0	43-101				
Benzaldehyde	33.6	5.00	"	50.0		67.3	17-117				
Benzo(a)anthracene	43.3	0.0500	"	50.0		86.6	38-127				
Benzo(a)pyrene	42.3	0.0500	"	50.0		84.6	30-146				
Benzo(b)fluoranthene	41.2	0.0500	"	50.0		82.4	36-145				
Benzo(g,h,i)perylene	34.5	0.0500	"	50.0		69.0	10-163				
Benzo(k)fluoranthene	39.2	0.0500	"	50.0		78.4	16-149				
Benzoic acid	ND	5.00	"	50.5			30-130	Low Bias			
Benzyl alcohol	22.3	5.00	"	50.0		44.6	18-75				
Benzyl butyl phthalate	29.0	5.00	"	50.0		58.1	28-129				
Bis(2-chloroethoxy)methane	38.3	5.00	"	50.0		76.7	27-112				
Bis(2-chloroethyl)ether	33.0	5.00	"	50.0		66.1	24-114				
Bis(2-chloroisopropyl)ether	38.7	5.00	"	50.0		77.4	21-124				
Bis(2-ethylhexyl)phthalate	48.2	0.500	"	50.0		96.3	10-171				
Caprolactam	5.48	5.00	"	50.0		11.0	10-29				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50020 - EPA 3510C

LCS (BI50020-BS1)

Prepared & Analyzed: 09/01/2015

Carbazole	44.0	5.00	ug/L	50.0		88.1	49-116				
Chrysene	39.2	0.0500	"	50.0		78.4	33-120				
Dibenzo(a,h)anthracene	36.7	0.0500	"	50.0		73.4	10-149				
Dibenzofuran	42.0	5.00	"	50.0		84.0	42-105				
Diethyl phthalate	47.8	5.00	"	50.0		95.6	38-112				
Dimethyl phthalate	44.2	5.00	"	50.0		88.5	49-106				
Di-n-butyl phthalate	47.9	5.00	"	50.0		95.8	36-110				
Di-n-octyl phthalate	45.4	5.00	"	50.0		90.8	12-149				
Fluoranthene	46.7	0.0500	"	50.0		93.4	33-126				
Fluorene	47.4	0.0500	"	50.0		94.8	28-117				
Hexachlorobenzene	52.2	0.0200	"	50.0		104	27-120				
Hexachlorobutadiene	34.9	0.500	"	50.0		69.9	25-106				
Hexachlorocyclopentadiene	19.4	5.00	"	50.0		38.7	10-99				
Hexachloroethane	31.1	0.500	"	50.0		62.2	33-84				
Indeno(1,2,3-cd)pyrene	33.5	0.0500	"	50.0		67.0	10-150				
Isophorone	41.0	5.00	"	50.0		82.0	29-115				
Naphthalene	36.0	0.0500	"	50.0		72.1	30-99				
Nitrobenzene	38.3	0.250	"	50.0		76.6	32-113				
N-Nitrosodimethylamine	9.62	0.500	"	50.0		19.2	10-63				
N-nitroso-di-n-propylamine	43.1	5.00	"	50.0		86.1	36-118				
N-Nitrosodiphenylamine	60.5	5.00	"	50.0		121	27-145				
Pentachlorophenol	37.6	0.250	"	50.0		75.2	19-127				
Phenanthrene	47.3	0.0500	"	50.0		94.7	31-112				
Phenol	7.97	5.00	"	50.0		15.9	10-37				
Pyrene	40.6	0.0500	"	50.0		81.3	42-125				
Surrogate: 2-Fluorophenol	16.7		"	75.2		22.2	10-65				
Surrogate: Phenol-d5	12.6		"	75.0		16.9	10-49				
Surrogate: Nitrobenzene-d5	34.8		"	50.3		69.3	10-96				
Surrogate: 2-Fluorobiphenyl	32.6		"	50.0		65.2	10-93				
Surrogate: 2,4,6-Tribromophenol	57.5		"	75.2		76.5	10-128				
Surrogate: Terphenyl-d14	34.3		"	50.0		68.5	10-100				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50020 - EPA 3510C

LCS (BI50020-BS2)

Prepared & Analyzed: 09/01/2015

1,1'-Biphenyl	ND	5.00	ug/L				21-102				
1,2,4,5-Tetrachlorobenzene	ND	5.00	"				28-105				
1,2,4-Trichlorobenzene	ND	5.00	"				35-91				
1,2-Dichlorobenzene	ND	5.00	"				42-85				
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"				16-137				
1,3-Dichlorobenzene	ND	5.00	"				45-80				
1,4-Dichlorobenzene	ND	5.00	"				42-82				
2,3,4,6-Tetrachlorophenol	ND	5.00	"				30-130				
2,4,5-Trichlorophenol	ND	5.00	"				36-112				
2,4,6-Trichlorophenol	ND	5.00	"				41-107				
2,4-Dichlorophenol	ND	5.00	"				43-92				
2,4-Dimethylphenol	ND	5.00	"				25-92				
2,4-Dinitrophenol	ND	5.00	"				10-149				
2,4-Dinitrotoluene	ND	5.00	"				41-114				
2,6-Dinitrotoluene	ND	5.00	"				49-106				
2-Chloronaphthalene	ND	5.00	"				40-96				
2-Chlorophenol	ND	5.00	"				35-84				
2-Methylnaphthalene	ND	5.00	"				33-101				
2-Methylphenol	ND	5.00	"				10-90				
2-Nitroaniline	ND	5.00	"				31-122				
2-Nitrophenol	ND	5.00	"				37-97				
3- & 4-Methylphenols	ND	5.00	"				10-101				
3,3'-Dichlorobenzidine	ND	5.00	"				25-155				
3-Nitroaniline	ND	5.00	"				29-128				
4,6-Dinitro-2-methylphenol	ND	5.00	"				10-135				
4-Bromophenyl phenyl ether	ND	5.00	"				38-116				
4-Chloro-3-methylphenol	ND	5.00	"				28-101				
4-Chloroaniline	ND	5.00	"				10-154				
4-Chlorophenyl phenyl ether	ND	5.00	"				34-112				
4-Nitroaniline	ND	5.00	"				15-143				
4-Nitrophenol	ND	5.00	"				10-112				
Acenaphthene	0.760	0.0500	"	1.00		76.0	24-114				
Acenaphthylene	0.830	0.0500	"	1.00		83.0	26-112				
Acetophenone	ND	5.00	"				47-92				
Aniline	ND	5.00	"				10-107				
Anthracene	0.760	0.0500	"	1.00		76.0	35-114				
Atrazine	ND	0.500	"				43-101				
Benzaldehyde	ND	5.00	"				17-117				
Benzo(a)anthracene	0.770	0.0500	"	1.00		77.0	38-127				
Benzo(a)pyrene	0.530	0.0500	"	1.00		53.0	30-146				
Benzo(b)fluoranthene	0.580	0.0500	"	1.00		58.0	36-145				
Benzo(g,h,i)perylene	0.400	0.0500	"	1.00		40.0	10-163				
Benzo(k)fluoranthene	0.760	0.0500	"	1.00		76.0	16-149				
Benzoic acid	ND	50.0	"				30-130				
Benzyl alcohol	ND	5.00	"				18-75				
Benzyl butyl phthalate	ND	5.00	"				28-129				
Bis(2-chloroethoxy)methane	ND	5.00	"				27-112				
Bis(2-chloroethyl)ether	ND	5.00	"				24-114				
Bis(2-chloroisopropyl)ether	ND	5.00	"				21-124				
Bis(2-ethylhexyl)phthalate	10.6	0.500	"				10-171				
Caprolactam	ND	5.00	"				10-29				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50020 - EPA 3510C

LCS (BI50020-BS2)

Prepared & Analyzed: 09/01/2015

Carbazole	ND	5.00	ug/L				49-116				
Chrysene	0.820	0.0500	"	1.00		82.0	33-120				
Dibenzo(a,h)anthracene	0.450	0.0500	"	1.00		45.0	10-149				
Dibenzofuran	ND	5.00	"				42-105				
Diethyl phthalate	ND	5.00	"				38-112				
Dimethyl phthalate	ND	5.00	"				49-106				
Di-n-butyl phthalate	ND	5.00	"				36-110				
Di-n-octyl phthalate	ND	5.00	"				12-149				
Fluoranthene	0.920	0.0500	"	1.00		92.0	33-126				
Fluorene	0.860	0.0500	"	1.00		86.0	28-117				
Hexachlorobenzene	ND	0.0200	"				27-120				
Hexachlorobutadiene	ND	0.500	"				25-106				
Hexachlorocyclopentadiene	ND	5.00	"				10-99				
Hexachloroethane	ND	0.500	"				33-84				
Indeno(1,2,3-cd)pyrene	0.450	0.0500	"	1.00		45.0	10-150				
Isophorone	ND	5.00	"				29-115				
Naphthalene	0.730	0.0500	"	1.00		73.0	30-99				
Nitrobenzene	ND	0.250	"				32-113				
N-Nitrosodimethylamine	ND	0.500	"				10-63				
N-nitroso-di-n-propylamine	ND	5.00	"				36-118				
N-Nitrosodiphenylamine	ND	5.00	"				27-145				
Pentachlorophenol	ND	0.250	"				19-127				
Phenanthrene	0.760	0.0500	"	1.00		76.0	31-112				
Phenol	ND	5.00	"				10-37				
Pyrene	0.890	0.0500	"	1.00		89.0	42-125				
Surrogate: 2-Fluorophenol	0.00		"	75.2			10-65				
Surrogate: Phenol-d5	0.00		"	75.0			10-49				
Surrogate: Nitrobenzene-d5	0.00		"	50.3			10-96				
Surrogate: 2-Fluorobiphenyl	0.00		"	50.0			10-93				
Surrogate: 2,4,6-Tribromophenol	0.00		"	75.2			10-128				
Surrogate: Terphenyl-d14	0.00		"	50.0			10-100				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI50020 - EPA 3510C											
LCS Dup (BI50020-BSD1)											
Prepared & Analyzed: 09/01/2015											
1,1'-Biphenyl	ND	5.00	ug/L				21-102			20	
1,2,4,5-Tetrachlorobenzene	31.7	5.00	"	50.0		63.5	28-105		6.41	20	
1,2,4-Trichlorobenzene	32.2	5.00	"	50.0		64.5	35-91		2.80	20	
1,2-Dichlorobenzene	31.4	5.00	"	50.0		62.9	42-85		2.54	20	
1,2-Diphenylhydrazine (as Azobenzene)	53.3	5.00	"	50.0		107	16-137		4.06	20	
1,3-Dichlorobenzene	30.3	5.00	"	50.0		60.6	45-80		20.2	20	Non-dir.
1,4-Dichlorobenzene	29.5	5.00	"	50.0		59.0	42-82		1.68	20	
2,3,4,6-Tetrachlorophenol	121	5.00	"	50.0		241	30-130	High Bias	7.73	20	
2,4,5-Trichlorophenol	42.6	5.00	"	50.0		85.2	36-112		0.00	20	
2,4,6-Trichlorophenol	42.6	5.00	"	50.0		85.2	41-107		5.15	20	
2,4-Dichlorophenol	34.0	5.00	"	50.0		68.0	43-92		2.47	20	
2,4-Dimethylphenol	34.6	5.00	"	50.0		69.2	25-92		0.231	20	
2,4-Dinitrophenol	54.0	5.00	"	50.0		108	10-149		12.2	20	
2,4-Dinitrotoluene	47.9	5.00	"	50.0		95.8	41-114		4.55	20	
2,6-Dinitrotoluene	47.4	5.00	"	50.0		94.9	49-106		6.22	20	
2-Chloronaphthalene	39.9	5.00	"	50.0		79.8	40-96		4.49	20	
2-Chlorophenol	28.6	5.00	"	50.0		57.3	35-84		3.52	20	
2-Methylnaphthalene	42.8	5.00	"	50.0		85.5	33-101		4.89	20	
2-Methylphenol	24.5	5.00	"	50.0		48.9	10-90		3.45	20	
2-Nitroaniline	43.3	5.00	"	50.0		86.6	31-122		6.09	20	
2-Nitrophenol	34.7	5.00	"	50.0		69.3	37-97		4.97	20	
3- & 4-Methylphenols	21.5	5.00	"	50.0		42.9	10-101		0.0932	20	
3,3'-Dichlorobenzidine	42.2	5.00	"	50.0		84.4	25-155		5.10	20	
3-Nitroaniline	43.8	5.00	"	50.0		87.7	29-128		5.87	20	
4,6-Dinitro-2-methylphenol	51.3	5.00	"	50.0		103	10-135		4.73	20	
4-Bromophenyl phenyl ether	48.1	5.00	"	50.0		96.2	38-116		5.93	20	
4-Chloro-3-methylphenol	40.3	5.00	"	50.0		80.7	28-101		0.747	20	
4-Chloroaniline	32.7	5.00	"	50.0		65.4	10-154		4.89	20	
4-Chlorophenyl phenyl ether	48.8	5.00	"	50.0		97.6	34-112		4.70	20	
4-Nitroaniline	46.6	5.00	"	50.0		93.2	15-143		6.03	20	
4-Nitrophenol	11.8	5.00	"	50.0		23.5	10-112		11.0	20	
Acenaphthene	48.3	0.0500	"	50.0		96.6	24-114		5.34	20	
Acenaphthylene	44.9	0.0500	"	50.0		89.8	26-112		6.06	20	
Acetophenone	38.4	5.00	"	50.0		76.7	47-92		4.29	20	
Aniline	19.7	5.00	"	50.0		39.3	10-107		2.11	20	
Anthracene	48.3	0.0500	"	50.0		96.7	35-114		4.25	20	
Atrazine	47.6	0.500	"	50.0		95.3	43-101		4.64	20	
Benzaldehyde	33.9	5.00	"	50.0		67.8	17-117		0.740	20	
Benzo(a)anthracene	45.6	0.0500	"	50.0		91.1	38-127		5.06	20	
Benzo(a)pyrene	45.4	0.0500	"	50.0		90.7	30-146		6.91	20	
Benzo(b)fluoranthene	44.2	0.0500	"	50.0		88.4	36-145		6.93	20	
Benzo(g,h,i)perylene	36.1	0.0500	"	50.0		72.2	10-163		4.62	20	
Benzo(k)fluoranthene	41.7	0.0500	"	50.0		83.3	16-149		6.11	20	
Benzoic acid	ND	5.00	"	50.5			30-130	Low Bias		20	
Benzyl alcohol	23.7	5.00	"	50.0		47.4	18-75		6.18	20	
Benzyl butyl phthalate	30.6	5.00	"	50.0		61.2	28-129		5.26	20	
Bis(2-chloroethoxy)methane	39.5	5.00	"	50.0		79.0	27-112		2.98	20	
Bis(2-chloroethyl)ether	33.3	5.00	"	50.0		66.7	24-114		0.934	20	
Bis(2-chloroisopropyl)ether	40.0	5.00	"	50.0		80.0	21-124		3.31	20	
Bis(2-ethylhexyl)phthalate	52.0	0.500	"	50.0		104	10-171		7.67	20	
Caprolactam	2.82	5.00	"	50.0		5.64	10-29	Low Bias	64.1	20	Non-dir.



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50020 - EPA 3510C

LCS Dup (BI50020-BSD1)

Prepared & Analyzed: 09/01/2015

Carbazole	46.5	5.00	ug/L	50.0		93.0	49-116		5.50	20	
Chrysene	41.1	0.0500	"	50.0		82.3	33-120		4.88	20	
Dibenzo(a,h)anthracene	37.4	0.0500	"	50.0		74.8	10-149		1.81	20	
Dibenzofuran	44.7	5.00	"	50.0		89.3	42-105		6.09	20	
Diethyl phthalate	50.3	5.00	"	50.0		101	38-112		5.12	20	
Dimethyl phthalate	45.7	5.00	"	50.0		91.4	49-106		3.27	20	
Di-n-butyl phthalate	49.8	5.00	"	50.0		99.7	36-110		3.95	20	
Di-n-octyl phthalate	48.1	5.00	"	50.0		96.1	12-149		5.74	20	
Fluoranthene	48.3	0.0500	"	50.0		96.7	33-126		3.47	20	
Fluorene	49.8	0.0500	"	50.0		99.7	28-117		4.98	20	
Hexachlorobenzene	55.1	0.0200	"	50.0		110	27-120		5.41	20	
Hexachlorobutadiene	35.3	0.500	"	50.0		70.5	25-106		0.940	20	
Hexachlorocyclopentadiene	22.1	5.00	"	50.0		44.2	10-99		13.3	20	
Hexachloroethane	32.6	0.500	"	50.0		65.1	33-84		4.68	20	
Indeno(1,2,3-cd)pyrene	35.4	0.0500	"	50.0		70.9	10-150		5.63	20	
Isophorone	42.2	5.00	"	50.0		84.5	29-115		2.95	20	
Naphthalene	37.3	0.0500	"	50.0		74.7	30-99		3.49	20	
Nitrobenzene	39.7	0.250	"	50.0		79.4	32-113		3.56	20	
N-Nitrosodimethylamine	14.7	0.500	"	50.0		29.4	10-63		41.7	20	Non-dir.
N-nitroso-di-n-propylamine	42.6	5.00	"	50.0		85.3	36-118		0.980	20	
N-Nitrosodiphenylamine	59.4	5.00	"	50.0		119	27-145		1.77	20	
Pentachlorophenol	38.3	0.250	"	50.0		76.6	19-127		1.79	20	
Phenanthrene	49.8	0.0500	"	50.0		99.7	31-112		5.17	20	
Phenol	11.8	5.00	"	50.0		23.5	10-37		38.3	20	Non-dir.
Pyrene	43.0	0.0500	"	50.0		85.9	42-125		5.57	20	
Surrogate: 2-Fluorophenol	21.6		"	75.2		28.7	10-65				
Surrogate: Phenol-d5	13.9		"	75.0		18.6	10-49				
Surrogate: Nitrobenzene-d5	36.6		"	50.3		72.8	10-96				
Surrogate: 2-Fluorobiphenyl	34.8		"	50.0		69.7	10-93				
Surrogate: 2,4,6-Tribromophenol	58.8		"	75.2		78.1	10-128				
Surrogate: Terphenyl-d14	35.7		"	50.0		71.4	10-100				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50078 - EPA 3510C

Blank (BI50078-BLK1)

Prepared & Analyzed: 09/02/2015

1,1'-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3'-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	20.0	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	50.0	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50078 - EPA 3510C

Blank (BI50078-BLK1)

Prepared & Analyzed: 09/02/2015

Caprolactam	ND	5.00	ug/L								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Surrogate: 2-Fluorophenol	14.9		"	75.2		19.9	10-65				
Surrogate: Phenol-d5	9.62		"	75.0		12.8	10-49				
Surrogate: Nitrobenzene-d5	22.3		"	50.3		44.3	10-96				
Surrogate: 2-Fluorobiphenyl	20.1		"	50.0		40.2	10-93				
Surrogate: 2,4,6-Tribromophenol	47.1		"	75.2		62.7	10-128				
Surrogate: Terphenyl-d14	27.6		"	50.0		55.3	10-100				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI50078 - EPA 3510C											
LCS (BI50078-BS1)											
											Prepared & Analyzed: 09/02/2015
1,1'-Biphenyl	32.1	5.00	ug/L				21-102				
1,2,4,5-Tetrachlorobenzene	31.6	5.00	"	50.0		63.3	28-105				
1,2,4-Trichlorobenzene	31.0	5.00	"	50.0		62.1	35-91				
1,2-Dichlorobenzene	31.7	5.00	"	50.0		63.3	42-85				
1,2-Diphenylhydrazine (as Azobenzene)	33.0	5.00	"	50.0		65.9	16-137				
1,3-Dichlorobenzene	28.6	5.00	"	50.0		57.1	45-80				
1,4-Dichlorobenzene	32.6	5.00	"	50.0		65.2	42-82				
2,3,4,6-Tetrachlorophenol	62.1	5.00	"	50.0		124	30-130				
2,4,5-Trichlorophenol	37.8	5.00	"	50.0		75.6	36-112				
2,4,6-Trichlorophenol	35.9	5.00	"	50.0		71.8	41-107				
2,4-Dichlorophenol	32.5	5.00	"	50.0		65.1	43-92				
2,4-Dimethylphenol	28.2	5.00	"	50.0		56.4	25-92				
2,4-Dinitrophenol	46.0	5.00	"	50.0		91.9	10-149				
2,4-Dinitrotoluene	47.7	5.00	"	50.0		95.5	41-114				
2,6-Dinitrotoluene	48.3	5.00	"	50.0		96.6	49-106				
2-Chloronaphthalene	33.4	5.00	"	50.0		66.8	40-96				
2-Chlorophenol	28.2	5.00	"	50.0		56.3	35-84				
2-Methylnaphthalene	35.7	5.00	"	50.0		71.3	33-101				
2-Methylphenol	21.4	5.00	"	50.0		42.9	10-90				
2-Nitroaniline	36.8	5.00	"	50.0		73.7	31-122				
2-Nitrophenol	31.0	5.00	"	50.0		62.1	37-97				
3- & 4-Methylphenols	19.4	5.00	"	50.0		38.9	10-101				
3,3'-Dichlorobenzidine	39.5	5.00	"	50.0		79.1	25-155				
3-Nitroaniline	32.9	5.00	"	50.0		65.7	29-128				
4,6-Dinitro-2-methylphenol	41.9	5.00	"	50.0		83.8	10-135				
4-Bromophenyl phenyl ether	41.9	5.00	"	50.0		83.8	38-116				
4-Chloro-3-methylphenol	31.9	5.00	"	50.0		63.8	28-101				
4-Chloroaniline	33.8	5.00	"	50.0		67.6	10-154				
4-Chlorophenyl phenyl ether	40.6	5.00	"	50.0		81.2	34-112				
4-Nitroaniline	31.0	5.00	"	50.0		62.0	15-143				
4-Nitrophenol	14.4	5.00	"	50.0		28.7	10-112				
Acenaphthene	33.1	0.0500	"	50.0		66.1	24-114				
Acenaphthylene	32.3	0.0500	"	50.0		64.6	26-112				
Acetophenone	34.2	5.00	"	50.0		68.5	47-92				
Aniline	20.3	5.00	"	50.0		40.6	10-107				
Anthracene	34.5	0.0500	"	50.0		68.9	35-114				
Atrazine	38.1	0.500	"	50.0		76.3	43-101				
Benzaldehyde	32.5	5.00	"	50.0		65.1	17-117				
Benzo(a)anthracene	40.6	0.0500	"	50.0		81.1	38-127				
Benzo(a)pyrene	41.1	0.0500	"	50.0		82.2	30-146				
Benzo(b)fluoranthene	39.2	0.0500	"	50.0		78.4	36-145				
Benzo(g,h,i)perylene	44.4	0.0500	"	50.0		88.9	10-163				
Benzo(k)fluoranthene	40.4	0.0500	"	50.0		80.7	16-149				
Benzoic acid	ND	5.00	"	50.5			30-130	Low Bias			
Benzyl alcohol	22.2	5.00	"	50.0		44.4	18-75				
Benzyl butyl phthalate	36.5	5.00	"	50.0		73.0	28-129				
Bis(2-chloroethoxy)methane	31.8	5.00	"	50.0		63.7	27-112				
Bis(2-chloroethyl)ether	30.2	5.00	"	50.0		60.5	24-114				
Bis(2-chloroisopropyl)ether	36.6	5.00	"	50.0		73.3	21-124				
Bis(2-ethylhexyl)phthalate	40.6	0.500	"	50.0		81.2	10-171				
Caprolactam	6.68	5.00	"	50.0		13.4	10-29				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50078 - EPA 3510C

LCS (BI50078-BS1)

Prepared & Analyzed: 09/02/2015

Carbazole	34.0	5.00	ug/L	50.0		68.1	49-116				
Chrysene	37.2	0.0500	"	50.0		74.4	33-120				
Dibenzo(a,h)anthracene	46.8	0.0500	"	50.0		93.6	10-149				
Dibenzofuran	38.6	5.00	"	50.0		77.1	42-105				
Diethyl phthalate	39.6	5.00	"	50.0		79.1	38-112				
Dimethyl phthalate	41.8	5.00	"	50.0		83.5	49-106				
Di-n-butyl phthalate	33.9	5.00	"	50.0		67.7	36-110				
Di-n-octyl phthalate	40.2	5.00	"	50.0		80.4	12-149				
Fluoranthene	39.0	0.0500	"	50.0		78.0	33-126				
Fluorene	34.0	0.0500	"	50.0		68.0	28-117				
Hexachlorobenzene	32.2	0.0200	"	50.0		64.3	27-120				
Hexachlorobutadiene	35.0	0.500	"	50.0		70.1	25-106				
Hexachlorocyclopentadiene	23.8	5.00	"	50.0		47.6	10-99				
Hexachloroethane	30.3	0.500	"	50.0		60.6	33-84				
Indeno(1,2,3-cd)pyrene	45.2	0.0500	"	50.0		90.3	10-150				
Isophorone	35.0	5.00	"	50.0		70.1	29-115				
Naphthalene	31.0	0.0500	"	50.0		61.9	30-99				
Nitrobenzene	31.8	0.250	"	50.0		63.7	32-113				
N-Nitrosodimethylamine	12.6	0.500	"	50.0		25.3	10-63				
N-nitroso-di-n-propylamine	34.3	5.00	"	50.0		68.6	36-118				
N-Nitrosodiphenylamine	35.1	5.00	"	50.0		70.1	27-145				
Pentachlorophenol	38.3	0.250	"	50.0		76.7	19-127				
Phenanthrene	38.3	0.0500	"	50.0		76.6	31-112				
Phenol	12.4	5.00	"	50.0		24.7	10-37				
Pyrene	40.1	0.0500	"	50.0		80.3	42-125				
<i>Surrogate: 2-Fluorophenol</i>	<i>23.0</i>		<i>"</i>	<i>75.2</i>		<i>30.7</i>	<i>10-65</i>				
<i>Surrogate: Phenol-d5</i>	<i>16.2</i>		<i>"</i>	<i>75.0</i>		<i>21.6</i>	<i>10-49</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>31.0</i>		<i>"</i>	<i>50.3</i>		<i>61.6</i>	<i>10-96</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>31.2</i>		<i>"</i>	<i>50.0</i>		<i>62.3</i>	<i>10-93</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>58.1</i>		<i>"</i>	<i>75.2</i>		<i>77.3</i>	<i>10-128</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>39.3</i>		<i>"</i>	<i>50.0</i>		<i>78.7</i>	<i>10-100</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50078 - EPA 3510C

LCS (BI50078-BS2)

Prepared & Analyzed: 09/02/2015

Acenaphthene	0.780	0.0500	ug/L	1.00		78.0	24-114				
Acenaphthylene	0.910	0.0500	"	1.00		91.0	26-112				
Anthracene	0.760	0.0500	"	1.00		76.0	35-114				
Benzo(a)anthracene	0.820	0.0500	"	1.00		82.0	38-127				
Benzo(a)pyrene	0.600	0.0500	"	1.00		60.0	30-146				
Benzo(b)fluoranthene	0.600	0.0500	"	1.00		60.0	36-145				
Benzo(g,h,i)perylene	0.490	0.0500	"	1.00		49.0	10-163				
Benzo(k)fluoranthene	0.710	0.0500	"	1.00		71.0	16-149				
Chrysene	0.790	0.0500	"	1.00		79.0	33-120				
Dibenzo(a,h)anthracene	0.500	0.0500	"	1.00		50.0	10-149				
Fluoranthene	0.860	0.0500	"	1.00		86.0	33-126				
Fluorene	0.850	0.0500	"	1.00		85.0	28-117				
Indeno(1,2,3-cd)pyrene	0.520	0.0500	"	1.00		52.0	10-150				
Naphthalene	0.740	0.0500	"	1.00		74.0	30-99				
Phenanthrene	0.830	0.0500	"	1.00		83.0	31-112				
Pyrene	0.980	0.0500	"	1.00		98.0	42-125				

LCS Dup (BI50078-BSD1)

Prepared & Analyzed: 09/02/2015

1,1'-Biphenyl	33.6	5.00	ug/L				21-102		4.59	20	
1,2,4,5-Tetrachlorobenzene	30.9	5.00	"	50.0		61.7	28-105		2.50	20	
1,2,4-Trichlorobenzene	32.2	5.00	"	50.0		64.4	35-91		3.76	20	
1,2-Dichlorobenzene	30.6	5.00	"	50.0		61.2	42-85		3.34	20	
1,2-Diphenylhydrazine (as Azobenzene)	32.4	5.00	"	50.0		64.8	16-137		1.74	20	
1,3-Dichlorobenzene	30.2	5.00	"	50.0		60.3	45-80		5.38	20	
1,4-Dichlorobenzene	29.8	5.00	"	50.0		59.7	42-82		8.90	20	
2,3,4,6-Tetrachlorophenol	65.0	5.00	"	50.0		130	30-130		4.67	20	
2,4,5-Trichlorophenol	40.6	5.00	"	50.0		81.3	36-112		7.19	20	
2,4,6-Trichlorophenol	37.1	5.00	"	50.0		74.2	41-107		3.31	20	
2,4-Dichlorophenol	30.3	5.00	"	50.0		60.5	43-92		7.23	20	
2,4-Dimethylphenol	27.5	5.00	"	50.0		54.9	25-92		2.62	20	
2,4-Dinitrophenol	53.3	5.00	"	50.0		107	10-149		14.8	20	
2,4-Dinitrotoluene	49.8	5.00	"	50.0		99.5	41-114		4.16	20	
2,6-Dinitrotoluene	49.6	5.00	"	50.0		99.2	49-106		2.64	20	
2-Chloronaphthalene	37.4	5.00	"	50.0		74.8	40-96		11.3	20	
2-Chlorophenol	28.2	5.00	"	50.0		56.3	35-84		0.00	20	
2-Methylnaphthalene	35.2	5.00	"	50.0		70.5	33-101		1.21	20	
2-Methylphenol	20.2	5.00	"	50.0		40.4	10-90		5.81	20	
2-Nitroaniline	42.5	5.00	"	50.0		85.1	31-122		14.4	20	
2-Nitrophenol	31.3	5.00	"	50.0		62.6	37-97		0.770	20	
3- & 4-Methylphenols	18.1	5.00	"	50.0		36.2	10-101		7.09	20	
3,3'-Dichlorobenzidine	40.7	5.00	"	50.0		81.5	25-155		2.96	20	
3-Nitroaniline	35.4	5.00	"	50.0		70.8	29-128		7.47	20	
4,6-Dinitro-2-methylphenol	44.0	5.00	"	50.0		88.1	10-135		4.98	20	
4-Bromophenyl phenyl ether	41.4	5.00	"	50.0		82.8	38-116		1.13	20	
4-Chloro-3-methylphenol	28.7	5.00	"	50.0		57.4	28-101		10.6	20	
4-Chloroaniline	31.4	5.00	"	50.0		62.9	10-154		7.24	20	
4-Chlorophenyl phenyl ether	41.6	5.00	"	50.0		83.1	34-112		2.34	20	
4-Nitroaniline	32.8	5.00	"	50.0		65.7	15-143		5.73	20	
4-Nitrophenol	16.1	5.00	"	50.0		32.2	10-112		11.5	20	
Acenaphthene	39.2	0.0500	"	50.0		78.4	24-114		17.0	20	
Acenaphthylene	36.0	0.0500	"	50.0		72.0	26-112		10.7	20	
Acetophenone	32.1	5.00	"	50.0		64.2	47-92		6.42	20	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50078 - EPA 3510C

LCS Dup (BI50078-bsd1)

Prepared & Analyzed: 09/02/2015

Aniline	19.5	5.00	ug/L	50.0		38.9	10-107		4.18	20	
Anthracene	36.8	0.0500	"	50.0		73.6	35-114		6.54	20	
Atrazine	40.1	0.500	"	50.0		80.2	43-101		5.04	20	
Benzaldehyde	31.9	5.00	"	50.0		63.8	17-117		2.02	20	
Benzo(a)anthracene	35.4	0.0500	"	50.0		70.7	38-127		13.7	20	
Benzo(a)pyrene	42.4	0.0500	"	50.0		84.9	30-146		3.28	20	
Benzo(b)fluoranthene	47.0	0.0500	"	50.0		94.1	36-145		18.2	20	
Benzo(g,h,i)perylene	38.9	0.0500	"	50.0		77.7	10-163		13.3	20	
Benzo(k)fluoranthene	36.3	0.0500	"	50.0		72.6	16-149		10.6	20	
Benzoic acid	ND	50.0	"	50.5			30-130	Low Bias		20	
Benzyl alcohol	22.6	5.00	"	50.0		45.2	18-75		1.88	20	
Benzyl butyl phthalate	35.6	5.00	"	50.0		71.3	28-129		2.33	20	
Bis(2-chloroethoxy)methane	29.7	5.00	"	50.0		59.3	27-112		7.06	20	
Bis(2-chloroethyl)ether	29.5	5.00	"	50.0		59.0	24-114		2.54	20	
Bis(2-chloroisopropyl)ether	36.6	5.00	"	50.0		73.2	21-124		0.0819	20	
Bis(2-ethylhexyl)phthalate	38.4	0.500	"	50.0		76.8	10-171		5.49	20	
Caprolactam	6.17	5.00	"	50.0		12.3	10-29		7.94	20	
Carbazole	36.4	5.00	"	50.0		72.9	49-116		6.81	20	
Chrysene	37.1	0.0500	"	50.0		74.3	33-120		0.188	20	
Dibenzo(a,h)anthracene	40.2	0.0500	"	50.0		80.4	10-149		15.1	20	
Dibenzofuran	40.3	5.00	"	50.0		80.6	42-105		4.39	20	
Diethyl phthalate	41.0	5.00	"	50.0		81.9	38-112		3.48	20	
Dimethyl phthalate	43.4	5.00	"	50.0		86.8	49-106		3.90	20	
Di-n-butyl phthalate	36.2	5.00	"	50.0		72.4	36-110		6.68	20	
Di-n-octyl phthalate	38.6	5.00	"	50.0		77.2	12-149		4.06	20	
Fluoranthene	37.3	0.0500	"	50.0		74.7	33-126		4.32	20	
Fluorene	36.5	0.0500	"	50.0		73.0	28-117		7.15	20	
Hexachlorobenzene	33.9	0.0200	"	50.0		67.9	27-120		5.33	20	
Hexachlorobutadiene	33.3	0.500	"	50.0		66.6	25-106		5.15	20	
Hexachlorocyclopentadiene	26.0	5.00	"	50.0		52.0	10-99		8.92	20	
Hexachloroethane	26.6	0.500	"	50.0		53.3	33-84		12.8	20	
Indeno(1,2,3-cd)pyrene	40.7	0.0500	"	50.0		81.3	10-150		10.5	20	
Isophorone	33.9	5.00	"	50.0		67.8	29-115		3.25	20	
Naphthalene	29.0	0.0500	"	50.0		58.1	30-99		6.43	20	
Nitrobenzene	31.3	0.250	"	50.0		62.6	32-113		1.74	20	
N-Nitrosodimethylamine	14.9	0.500	"	50.0		29.8	10-63		16.6	20	
N-nitroso-di-n-propylamine	32.1	5.00	"	50.0		64.2	36-118		6.60	20	
N-Nitrosodiphenylamine	36.8	5.00	"	50.0		73.5	27-145		4.73	20	
Pentachlorophenol	40.8	0.250	"	50.0		81.5	19-127		6.14	20	
Phenanthrene	36.9	0.0500	"	50.0		73.9	31-112		3.64	20	
Phenol	11.8	5.00	"	50.0		23.6	10-37		4.63	20	
Pyrene	37.8	0.0500	"	50.0		75.7	42-125		5.85	20	
Surrogate: 2-Fluorophenol	23.0		"	75.2		30.6	10-65				
Surrogate: Phenol-d5	15.8		"	75.0		21.1	10-49				
Surrogate: Nitrobenzene-d5	30.4		"	50.3		60.3	10-96				
Surrogate: 2-Fluorobiphenyl	30.9		"	50.0		61.8	10-93				
Surrogate: 2,4,6-Tribromophenol	64.1		"	75.2		85.2	10-128				
Surrogate: Terphenyl-d14	39.4		"	50.0		78.8	10-100				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50242 - EPA 3510C

Blank (BI50242-BLK1)

Prepared: 09/04/2015 Analyzed: 09/08/2015

1,1'-Biphenyl	ND	5.00	ug/L
1,2,4,5-Tetrachlorobenzene	ND	5.00	"
1,2,4-Trichlorobenzene	ND	5.00	"
1,2-Dichlorobenzene	ND	5.00	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"
1,3-Dichlorobenzene	ND	5.00	"
1,4-Dichlorobenzene	ND	5.00	"
2,3,4,6-Tetrachlorophenol	ND	5.00	"
2,4,5-Trichlorophenol	ND	5.00	"
2,4,6-Trichlorophenol	ND	5.00	"
2,4-Dichlorophenol	ND	5.00	"
2,4-Dimethylphenol	ND	5.00	"
2,4-Dinitrophenol	ND	5.00	"
2,4-Dinitrotoluene	ND	5.00	"
2,6-Dinitrotoluene	ND	5.00	"
2-Chloronaphthalene	ND	5.00	"
2-Chlorophenol	ND	5.00	"
2-Methylnaphthalene	ND	5.00	"
2-Methylphenol	ND	5.00	"
2-Nitroaniline	ND	5.00	"
2-Nitrophenol	ND	5.00	"
3- & 4-Methylphenols	ND	5.00	"
3,3'-Dichlorobenzidine	ND	5.00	"
3-Nitroaniline	ND	5.00	"
4,6-Dinitro-2-methylphenol	ND	5.00	"
4-Bromophenyl phenyl ether	ND	5.00	"
4-Chloro-3-methylphenol	ND	5.00	"
4-Chloroaniline	ND	5.00	"
4-Chlorophenyl phenyl ether	ND	5.00	"
4-Nitroaniline	ND	5.00	"
4-Nitrophenol	ND	5.00	"
Acenaphthene	ND	0.0500	"
Acenaphthylene	ND	0.0500	"
Acetophenone	ND	5.00	"
Aniline	ND	5.00	"
Anthracene	ND	0.0500	"
Atrazine	ND	0.500	"
Benzaldehyde	ND	5.00	"
Benzidine	ND	20.0	"
Benzo(a)anthracene	ND	0.0500	"
Benzo(a)pyrene	ND	0.0500	"
Benzo(b)fluoranthene	ND	0.0500	"
Benzo(g,h,i)perylene	ND	0.0500	"
Benzo(k)fluoranthene	ND	0.0500	"
Benzoic acid	ND	50.0	"
Benzyl alcohol	ND	5.00	"
Benzyl butyl phthalate	ND	5.00	"
Bis(2-chloroethoxy)methane	ND	5.00	"
Bis(2-chloroethyl)ether	ND	5.00	"
Bis(2-chloroisopropyl)ether	ND	5.00	"
Bis(2-ethylhexyl)phthalate	ND	0.500	"



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50242 - EPA 3510C

Blank (BI50242-BLK1)

Prepared: 09/04/2015 Analyzed: 09/08/2015

Caprolactam	ND	5.00	ug/L								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Surrogate: 2-Fluorophenol	0.00		"	75.2			10-65				
Surrogate: Phenol-d5	0.00		"	75.0			10-49				
Surrogate: Nitrobenzene-d5	0.00		"	50.3			10-96				
Surrogate: 2-Fluorobiphenyl	0.00		"	50.0			10-93				
Surrogate: 2,4,6-Tribromophenol	0.00		"	75.2			10-128				
Surrogate: Terphenyl-d14	0.00		"	50.0			10-100				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50242 - EPA 3510C

LCS (BI50242-BS1)

Prepared: 09/04/2015 Analyzed: 09/08/2015

1,1'-Biphenyl	ND	5.00	ug/L				21-102				
1,2,4,5-Tetrachlorobenzene	ND	5.00	"	50.0			28-105	Low Bias			
1,2,4-Trichlorobenzene	ND	5.00	"	50.0			35-91	Low Bias			
1,2-Dichlorobenzene	ND	5.00	"	50.0			42-85	Low Bias			
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"	50.0			16-137	Low Bias			
1,3-Dichlorobenzene	ND	5.00	"	50.0			45-80	Low Bias			
1,4-Dichlorobenzene	ND	5.00	"	50.0			42-82	Low Bias			
2,3,4,6-Tetrachlorophenol	ND	5.00	"	50.0			30-130	Low Bias			
2,4,5-Trichlorophenol	ND	5.00	"	50.0			36-112	Low Bias			
2,4,6-Trichlorophenol	ND	5.00	"	50.0			41-107	Low Bias			
2,4-Dichlorophenol	ND	5.00	"	50.0			43-92	Low Bias			
2,4-Dimethylphenol	ND	5.00	"	50.0			25-92	Low Bias			
2,4-Dinitrophenol	ND	5.00	"	50.0			10-149	Low Bias			
2,4-Dinitrotoluene	ND	5.00	"	50.0			41-114	Low Bias			
2,6-Dinitrotoluene	ND	5.00	"	50.0			49-106	Low Bias			
2-Chloronaphthalene	ND	5.00	"	50.0			40-96	Low Bias			
2-Chlorophenol	ND	5.00	"	50.0			35-84	Low Bias			
2-Methylnaphthalene	ND	5.00	"	50.0			33-101	Low Bias			
2-Methylphenol	ND	5.00	"	50.0			10-90	Low Bias			
2-Nitroaniline	ND	5.00	"	50.0			31-122	Low Bias			
2-Nitrophenol	ND	5.00	"	50.0			37-97	Low Bias			
3- & 4-Methylphenols	ND	5.00	"	50.0			10-101	Low Bias			
3,3'-Dichlorobenzidine	ND	5.00	"	50.0			25-155	Low Bias			
3-Nitroaniline	ND	5.00	"	50.0			29-128	Low Bias			
4,6-Dinitro-2-methylphenol	ND	5.00	"	50.0			10-135	Low Bias			
4-Bromophenyl phenyl ether	ND	5.00	"	50.0			38-116	Low Bias			
4-Chloro-3-methylphenol	ND	5.00	"	50.0			28-101	Low Bias			
4-Chloroaniline	ND	5.00	"	50.0			10-154	Low Bias			
4-Chlorophenyl phenyl ether	ND	5.00	"	50.0			34-112	Low Bias			
4-Nitroaniline	ND	5.00	"	50.0			15-143	Low Bias			
4-Nitrophenol	ND	5.00	"	50.0			10-112	Low Bias			
Acenaphthene	ND	0.0500	"	50.0			24-114	Low Bias			
Acenaphthylene	ND	0.0500	"	50.0			26-112	Low Bias			
Acetophenone	ND	5.00	"	50.0			47-92	Low Bias			
Aniline	ND	5.00	"	50.0			10-107	Low Bias			
Anthracene	ND	0.0500	"	50.0			35-114	Low Bias			
Atrazine	ND	0.500	"	50.0			43-101	Low Bias			
Benzaldehyde	ND	5.00	"	50.0			17-117	Low Bias			
Benzo(a)anthracene	ND	0.0500	"	50.0			38-127	Low Bias			
Benzo(a)pyrene	ND	0.0500	"	50.0			30-146	Low Bias			
Benzo(b)fluoranthene	ND	0.0500	"	50.0			36-145	Low Bias			
Benzo(g,h,i)perylene	ND	0.0500	"	50.0			10-163	Low Bias			
Benzo(k)fluoranthene	ND	0.0500	"	50.0			16-149	Low Bias			
Benzoic acid	ND	50.0	"	50.5			30-130	Low Bias			
Benzyl alcohol	ND	5.00	"	50.0			18-75	Low Bias			
Benzyl butyl phthalate	ND	5.00	"	50.0			28-129	Low Bias			
Bis(2-chloroethoxy)methane	ND	5.00	"	50.0			27-112	Low Bias			
Bis(2-chloroethyl)ether	ND	5.00	"	50.0			24-114	Low Bias			
Bis(2-chloroisopropyl)ether	ND	5.00	"	50.0			21-124	Low Bias			
Bis(2-ethylhexyl)phthalate	ND	0.500	"	50.0			10-171	Low Bias			
Caprolactam	ND	5.00	"	50.0			10-29	Low Bias			



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50242 - EPA 3510C

LCS (BI50242-BS1)

Prepared: 09/04/2015 Analyzed: 09/08/2015

Carbazole	ND	5.00	ug/L	50.0			49-116		Low Bias		
Chrysene	ND	0.0500	"	50.0			33-120		Low Bias		
Dibenzo(a,h)anthracene	ND	0.0500	"	50.0			10-149		Low Bias		
Dibenzofuran	ND	5.00	"	50.0			42-105		Low Bias		
Diethyl phthalate	ND	5.00	"	50.0			38-112		Low Bias		
Dimethyl phthalate	ND	5.00	"	50.0			49-106		Low Bias		
Di-n-butyl phthalate	ND	5.00	"	50.0			36-110		Low Bias		
Di-n-octyl phthalate	ND	5.00	"	50.0			12-149		Low Bias		
Fluoranthene	ND	0.0500	"	50.0			33-126		Low Bias		
Fluorene	ND	0.0500	"	50.0			28-117		Low Bias		
Hexachlorobenzene	ND	0.0200	"	50.0			27-120		Low Bias		
Hexachlorobutadiene	ND	0.500	"	50.0			25-106		Low Bias		
Hexachlorocyclopentadiene	ND	5.00	"	50.0			10-99		Low Bias		
Hexachloroethane	ND	0.500	"	50.0			33-84		Low Bias		
Indeno(1,2,3-cd)pyrene	ND	0.0500	"	50.0			10-150		Low Bias		
Isophorone	ND	5.00	"	50.0			29-115		Low Bias		
Naphthalene	ND	0.0500	"	50.0			30-99		Low Bias		
Nitrobenzene	ND	0.250	"	50.0			32-113		Low Bias		
N-Nitrosodimethylamine	ND	0.500	"	50.0			10-63		Low Bias		
N-nitroso-di-n-propylamine	ND	5.00	"	50.0			36-118		Low Bias		
N-Nitrosodiphenylamine	ND	5.00	"	50.0			27-145		Low Bias		
Pentachlorophenol	ND	0.250	"	50.0			19-127		Low Bias		
Phenanthrene	ND	0.0500	"	50.0			31-112		Low Bias		
Phenol	ND	5.00	"	50.0			10-37		Low Bias		
Pyrene	ND	0.0500	"	50.0			42-125		Low Bias		
Surrogate: 2-Fluorophenol	0.00		"	75.2			10-65				
Surrogate: Phenol-d5	0.00		"	75.0			10-49				
Surrogate: Nitrobenzene-d5	0.00		"	50.3			10-96				
Surrogate: 2-Fluorobiphenyl	0.00		"	50.0			10-93				
Surrogate: 2,4,6-Tribromophenol	0.00		"	75.2			10-128				
Surrogate: Terphenyl-d14	0.00		"	50.0			10-100				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50242 - EPA 3510C

LCS (BI50242-BS2)

Prepared: 09/04/2015 Analyzed: 09/08/2015

1,1'-Biphenyl	ND	5.00	ug/L				21-102				
1,2,4,5-Tetrachlorobenzene	ND	5.00	"				28-105				
1,2,4-Trichlorobenzene	ND	5.00	"				35-91				
1,2-Dichlorobenzene	ND	5.00	"				42-85				
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"				16-137				
1,3-Dichlorobenzene	ND	5.00	"				45-80				
1,4-Dichlorobenzene	ND	5.00	"				42-82				
2,3,4,6-Tetrachlorophenol	ND	5.00	"				30-130				
2,4,5-Trichlorophenol	ND	5.00	"				36-112				
2,4,6-Trichlorophenol	ND	5.00	"				41-107				
2,4-Dichlorophenol	ND	5.00	"				43-92				
2,4-Dimethylphenol	ND	5.00	"				25-92				
2,4-Dinitrophenol	ND	5.00	"				10-149				
2,4-Dinitrotoluene	ND	5.00	"				41-114				
2,6-Dinitrotoluene	ND	5.00	"				49-106				
2-Chloronaphthalene	ND	5.00	"				40-96				
2-Chlorophenol	ND	5.00	"				35-84				
2-Methylnaphthalene	ND	5.00	"				33-101				
2-Methylphenol	ND	5.00	"				10-90				
2-Nitroaniline	ND	5.00	"				31-122				
2-Nitrophenol	ND	5.00	"				37-97				
3- & 4-Methylphenols	ND	5.00	"				10-101				
3,3'-Dichlorobenzidine	ND	5.00	"				25-155				
3-Nitroaniline	ND	5.00	"				29-128				
4,6-Dinitro-2-methylphenol	ND	5.00	"				10-135				
4-Bromophenyl phenyl ether	ND	5.00	"				38-116				
4-Chloro-3-methylphenol	ND	5.00	"				28-101				
4-Chloroaniline	ND	5.00	"				10-154				
4-Chlorophenyl phenyl ether	ND	5.00	"				34-112				
4-Nitroaniline	ND	5.00	"				15-143				
4-Nitrophenol	ND	5.00	"				10-112				
Acenaphthene	ND	0.0500	"	1.00			24-114	Low Bias			
Acenaphthylene	ND	0.0500	"	1.00			26-112	Low Bias			
Acetophenone	ND	5.00	"				47-92				
Aniline	ND	5.00	"				10-107				
Anthracene	ND	0.0500	"	1.00			35-114	Low Bias			
Atrazine	ND	0.500	"				43-101				
Benzaldehyde	ND	5.00	"				17-117				
Benzo(a)anthracene	ND	0.0500	"	1.00			38-127	Low Bias			
Benzo(a)pyrene	ND	0.0500	"	1.00			30-146	Low Bias			
Benzo(b)fluoranthene	ND	0.0500	"	1.00			36-145	Low Bias			
Benzo(g,h,i)perylene	ND	0.0500	"	1.00			10-163	Low Bias			
Benzo(k)fluoranthene	ND	0.0500	"	1.00			16-149	Low Bias			
Benzoic acid	ND	50.0	"				30-130				
Benzyl alcohol	ND	5.00	"				18-75				
Benzyl butyl phthalate	ND	5.00	"				28-129				
Bis(2-chloroethoxy)methane	ND	5.00	"				27-112				
Bis(2-chloroethyl)ether	ND	5.00	"				24-114				
Bis(2-chloroisopropyl)ether	ND	5.00	"				21-124				
Bis(2-ethylhexyl)phthalate	ND	0.500	"				10-171				
Caprolactam	ND	5.00	"				10-29				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50242 - EPA 3510C

LCS (BI50242-BS2)

Prepared: 09/04/2015 Analyzed: 09/08/2015

Carbazole	ND	5.00	ug/L				49-116				
Chrysene	ND	0.0500	"	1.00			33-120	Low Bias			
Dibenzo(a,h)anthracene	ND	0.0500	"	1.00			10-149	Low Bias			
Dibenzofuran	ND	5.00	"				42-105				
Diethyl phthalate	ND	5.00	"				38-112				
Dimethyl phthalate	ND	5.00	"				49-106				
Di-n-butyl phthalate	ND	5.00	"				36-110				
Di-n-octyl phthalate	ND	5.00	"				12-149				
Fluoranthene	ND	0.0500	"	1.00			33-126	Low Bias			
Fluorene	ND	0.0500	"	1.00			28-117	Low Bias			
Hexachlorobenzene	ND	0.0200	"				27-120				
Hexachlorobutadiene	ND	0.500	"				25-106				
Hexachlorocyclopentadiene	ND	5.00	"				10-99				
Hexachloroethane	ND	0.500	"				33-84				
Indeno(1,2,3-cd)pyrene	ND	0.0500	"	1.00			10-150	Low Bias			
Isophorone	ND	5.00	"				29-115				
Naphthalene	ND	0.0500	"	1.00			30-99	Low Bias			
Nitrobenzene	ND	0.250	"				32-113				
N-Nitrosodimethylamine	ND	0.500	"				10-63				
N-nitroso-di-n-propylamine	ND	5.00	"				36-118				
N-Nitrosodiphenylamine	ND	5.00	"				27-145				
Pentachlorophenol	ND	0.250	"				19-127				
Phenanthrene	ND	0.0500	"	1.00			31-112	Low Bias			
Phenol	ND	5.00	"				10-37				
Pyrene	ND	0.0500	"	1.00			42-125	Low Bias			
Surrogate: 2-Fluorophenol	0.00		"	75.2			10-65				
Surrogate: Phenol-d5	0.00		"	75.0			10-49				
Surrogate: Nitrobenzene-d5	0.00		"	50.3			10-96				
Surrogate: 2-Fluorobiphenyl	0.00		"	50.0			10-93				
Surrogate: 2,4,6-Tribromophenol	0.00		"	75.2			10-128				
Surrogate: Terphenyl-d14	0.00		"	50.0			10-100				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BH51361 - EPA SW846-3510C Low Level

Blank (BH51361-BLK1)

Prepared & Analyzed: 08/31/2015

4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								

Surrogate: Tetrachloro-m-xylene

0.151

"

0.201

75.1

30-120

Surrogate: Decachlorobiphenyl

0.185

"

0.207

89.5

30-120

LCS (BH51361-BS1)

Prepared & Analyzed: 08/31/2015

4,4'-DDD	0.0946	0.00400	ug/L	0.100		94.6	40-120				
4,4'-DDE	0.0890	0.00400	"	0.100		89.0	40-120				
4,4'-DDT	0.111	0.00400	"	0.100		111	40-120				
Aldrin	0.0876	0.00400	"	0.100		87.6	40-120				
alpha-BHC	0.0939	0.00400	"	0.100		93.9	40-120				
alpha-Chlordane	0.0853	0.00400	"	0.100		85.3	40-120				
beta-BHC	0.0907	0.00400	"	0.100		90.7	40-120				
delta-BHC	0.0688	0.00400	"	0.100		68.8	40-120				
Dieldrin	0.0893	0.00200	"	0.100		89.3	40-120				
Endosulfan I	0.0913	0.00400	"	0.100		91.3	40-120				
Endosulfan II	0.0866	0.00400	"	0.100		86.6	40-120				
Endosulfan sulfate	0.0797	0.00400	"	0.100		79.7	40-120				
Endrin	0.0911	0.00400	"	0.100		91.1	40-120				
Endrin aldehyde	0.0789	0.0100	"	0.100		78.9	40-120				
Endrin ketone	0.0946	0.0100	"	0.100		94.6	40-120				
gamma-BHC (Lindane)	0.0936	0.00400	"	0.100		93.6	40-120				
gamma-Chlordane	0.0864	0.0100	"	0.100		86.4	40-120				
Heptachlor	0.0760	0.00400	"	0.100		76.0	40-120				
Heptachlor epoxide	0.0874	0.00400	"	0.100		87.4	40-120				
Methoxychlor	0.0957	0.00400	"	0.100		95.7	40-120				

Surrogate: Tetrachloro-m-xylene

0.174

"

0.201

86.6

30-120

Surrogate: Decachlorobiphenyl

0.216

"

0.207

105

30-120



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BH51361 - EPA SW846-3510C Low Level

LCS Dup (BH51361-BSD1)

Prepared & Analyzed: 08/31/2015

4,4'-DDD	0.0955	0.00400	ug/L	0.100		95.5	40-120		0.908	30	
4,4'-DDE	0.0901	0.00400	"	0.100		90.1	40-120		1.15	30	
4,4'-DDT	0.113	0.00400	"	0.100		113	40-120		2.14	30	
Aldrin	0.0934	0.00400	"	0.100		93.4	40-120		6.41	30	
alpha-BHC	0.100	0.00400	"	0.100		100	40-120		6.56	30	
alpha-Chlordane	0.0896	0.00400	"	0.100		89.6	40-120		4.83	30	
beta-BHC	0.0955	0.00400	"	0.100		95.5	40-120		5.23	30	
delta-BHC	0.0725	0.00400	"	0.100		72.5	40-120		5.24	30	
Dieldrin	0.0938	0.00200	"	0.100		93.8	40-120		4.83	30	
Endosulfan I	0.0960	0.00400	"	0.100		96.0	40-120		5.04	30	
Endosulfan II	0.0906	0.00400	"	0.100		90.6	40-120		4.45	30	
Endosulfan sulfate	0.0833	0.00400	"	0.100		83.3	40-120		4.42	30	
Endrin	0.0937	0.00400	"	0.100		93.7	40-120		2.81	30	
Endrin aldehyde	0.0817	0.0100	"	0.100		81.7	40-120		3.56	30	
Endrin ketone	0.0979	0.0100	"	0.100		97.9	40-120		3.40	30	
gamma-BHC (Lindane)	0.0997	0.00400	"	0.100		99.7	40-120		6.31	30	
gamma-Chlordane	0.0906	0.0100	"	0.100		90.6	40-120		4.71	30	
Heptachlor	0.0806	0.00400	"	0.100		80.6	40-120		5.93	30	
Heptachlor epoxide	0.0921	0.00400	"	0.100		92.1	40-120		5.32	30	
Methoxychlor	0.0957	0.00400	"	0.100		95.7	40-120		0.00105	30	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.177</i>		<i>"</i>	<i>0.201</i>		<i>88.3</i>	<i>30-120</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.219</i>		<i>"</i>	<i>0.207</i>		<i>106</i>	<i>30-120</i>				

Batch BI50021 - EPA SW846-3510C Low Level

Blank (BI50021-BLK1)

Prepared: 09/01/2015 Analyzed: 09/02/2015

4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.160</i>		<i>"</i>	<i>0.201</i>		<i>79.5</i>	<i>30-120</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.203</i>		<i>"</i>	<i>0.207</i>		<i>98.1</i>	<i>30-120</i>				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50021 - EPA SW846-3510C Low Level

LCS (BI50021-BS1)

Prepared: 09/01/2015 Analyzed: 09/02/2015

4,4'-DDD	0.0902	0.00400	ug/L	0.100		90.2	40-120				
4,4'-DDE	0.0803	0.00400	"	0.100		80.3	40-120				
4,4'-DDT	0.104	0.00400	"	0.100		104	40-120				
Aldrin	0.0855	0.00400	"	0.100		85.5	40-120				
alpha-BHC	0.0951	0.00400	"	0.100		95.1	40-120				
alpha-Chlordane	0.0884	0.00400	"	0.100		88.4	40-120				
beta-BHC	0.0934	0.00400	"	0.100		93.4	40-120				
delta-BHC	0.0704	0.00400	"	0.100		70.4	40-120				
Dieldrin	0.0930	0.00200	"	0.100		93.0	40-120				
Endosulfan I	0.0999	0.00400	"	0.100		99.9	40-120				
Endosulfan II	0.0916	0.00400	"	0.100		91.6	40-120				
Endosulfan sulfate	0.0821	0.00400	"	0.100		82.1	40-120				
Endrin	0.0900	0.00400	"	0.100		90.0	40-120				
Endrin aldehyde	0.0792	0.0100	"	0.100		79.2	40-120				
Endrin ketone	0.101	0.0100	"	0.100		101	40-120				
gamma-BHC (Lindane)	0.0932	0.00400	"	0.100		93.2	40-120				
gamma-Chlordane	0.0891	0.0100	"	0.100		89.1	40-120				
Heptachlor	0.0814	0.00400	"	0.100		81.4	40-120				
Heptachlor epoxide	0.0899	0.00400	"	0.100		89.9	40-120				
Methoxychlor	0.0844	0.00400	"	0.100		84.4	40-120				
Surrogate: Tetrachloro-m-xylene	0.168		"	0.201		83.6	30-120				
Surrogate: Decachlorobiphenyl	0.205		"	0.207		99.1	30-120				

LCS Dup (BI50021-BS1)

Prepared: 09/01/2015 Analyzed: 09/02/2015

4,4'-DDD	0.100	0.00400	ug/L	0.100		100	40-120	10.4	30		
4,4'-DDE	0.0924	0.00400	"	0.100		92.4	40-120	14.0	30		
4,4'-DDT	0.0993	0.00400	"	0.100		99.3	40-120	4.96	30		
Aldrin	0.0927	0.00400	"	0.100		92.7	40-120	7.99	30		
alpha-BHC	0.0998	0.00400	"	0.100		99.8	40-120	4.84	30		
alpha-Chlordane	0.0964	0.00400	"	0.100		96.4	40-120	8.62	30		
beta-BHC	0.100	0.00400	"	0.100		100	40-120	6.78	30		
delta-BHC	0.0768	0.00400	"	0.100		76.8	40-120	8.82	30		
Dieldrin	0.102	0.00200	"	0.100		102	40-120	9.18	30		
Endosulfan I	0.108	0.00400	"	0.100		108	40-120	8.16	30		
Endosulfan II	0.101	0.00400	"	0.100		101	40-120	9.88	30		
Endosulfan sulfate	0.0914	0.00400	"	0.100		91.4	40-120	10.7	30		
Endrin	0.0997	0.00400	"	0.100		99.7	40-120	10.2	30		
Endrin aldehyde	0.0891	0.0100	"	0.100		89.1	40-120	11.8	30		
Endrin ketone	0.102	0.0100	"	0.100		102	40-120	0.750	30		
gamma-BHC (Lindane)	0.0981	0.00400	"	0.100		98.1	40-120	5.17	30		
gamma-Chlordane	0.0967	0.0100	"	0.100		96.7	40-120	8.20	30		
Heptachlor	0.0875	0.00400	"	0.100		87.5	40-120	7.20	30		
Heptachlor epoxide	0.0974	0.00400	"	0.100		97.4	40-120	7.95	30		
Methoxychlor	0.0942	0.00400	"	0.100		94.2	40-120	11.1	30		
Surrogate: Tetrachloro-m-xylene	0.169		"	0.201		83.9	30-120				
Surrogate: Decachlorobiphenyl	0.217		"	0.207		105	30-120				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50077 - EPA SW846-3510C Low Level

Blank (BI50077-BLK1)

Prepared & Analyzed: 09/02/2015

4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								

Surrogate: Tetrachloro-m-xylene

0.160

"

0.201

79.7

30-120

Surrogate: Decachlorobiphenyl

0.198

"

0.207

95.7

30-120

LCS (BI50077-BS1)

Prepared & Analyzed: 09/02/2015

4,4'-DDD	0.0823	0.00400	ug/L	0.100		82.3	40-120				
4,4'-DDE	0.0712	0.00400	"	0.100		71.2	40-120				
4,4'-DDT	0.0983	0.00400	"	0.100		98.3	40-120				
Aldrin	0.0940	0.00400	"	0.100		94.0	40-120				
alpha-BHC	0.0962	0.00400	"	0.100		96.2	40-120				
alpha-Chlordane	0.0924	0.00400	"	0.100		92.4	40-120				
beta-BHC	0.0934	0.00400	"	0.100		93.4	40-120				
delta-BHC	0.0702	0.00400	"	0.100		70.2	40-120				
Dieldrin	0.0991	0.00200	"	0.100		99.1	40-120				
Endosulfan I	0.101	0.00400	"	0.100		101	40-120				
Endosulfan II	0.0959	0.00400	"	0.100		95.9	40-120				
Endosulfan sulfate	0.0826	0.00400	"	0.100		82.6	40-120				
Endrin	0.0936	0.00400	"	0.100		93.6	40-120				
Endrin aldehyde	0.0810	0.0100	"	0.100		81.0	40-120				
Endrin ketone	0.0959	0.0100	"	0.100		95.9	40-120				
gamma-BHC (Lindane)	0.0942	0.00400	"	0.100		94.2	40-120				
gamma-Chlordane	0.0927	0.0100	"	0.100		92.7	40-120				
Heptachlor	0.0849	0.00400	"	0.100		84.9	40-120				
Heptachlor epoxide	0.0924	0.00400	"	0.100		92.4	40-120				
Methoxychlor	0.0899	0.00400	"	0.100		89.9	40-120				

Surrogate: Tetrachloro-m-xylene

0.158

"

0.201

78.8

30-120

Surrogate: Decachlorobiphenyl

0.194

"

0.207

93.5

30-120



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit			Result					%REC	RPD
Batch BI50077 - EPA SW846-3510C Low Level											
LCS Dup (BI50077-BSD1)										Prepared & Analyzed: 09/02/2015	
4,4'-DDD	0.0872	0.00400	ug/L	0.100		87.2	40-120			5.78	30
4,4'-DDE	0.0812	0.00400	"	0.100		81.2	40-120			13.2	30
4,4'-DDT	0.0918	0.00400	"	0.100		91.8	40-120			6.85	30
Aldrin	0.0921	0.00400	"	0.100		92.1	40-120			2.03	30
alpha-BHC	0.0955	0.00400	"	0.100		95.5	40-120			0.783	30
alpha-Chlordane	0.0888	0.00400	"	0.100		88.8	40-120			4.00	30
beta-BHC	0.0926	0.00400	"	0.100		92.6	40-120			0.812	30
delta-BHC	0.0708	0.00400	"	0.100		70.8	40-120			0.808	30
Dieldrin	0.0934	0.00200	"	0.100		93.4	40-120			5.98	30
Endosulfan I	0.100	0.00400	"	0.100		100	40-120			0.434	30
Endosulfan II	0.0914	0.00400	"	0.100		91.4	40-120			4.80	30
Endosulfan sulfate	0.0826	0.00400	"	0.100		82.6	40-120			0.0375	30
Endrin	0.0916	0.00400	"	0.100		91.6	40-120			2.17	30
Endrin aldehyde	0.0802	0.0100	"	0.100		80.2	40-120			0.954	30
Endrin ketone	0.0912	0.0100	"	0.100		91.2	40-120			5.00	30
gamma-BHC (Lindane)	0.0932	0.00400	"	0.100		93.2	40-120			1.13	30
gamma-Chlordane	0.0894	0.0100	"	0.100		89.4	40-120			3.68	30
Heptachlor	0.0840	0.00400	"	0.100		84.0	40-120			0.973	30
Heptachlor epoxide	0.0900	0.00400	"	0.100		90.0	40-120			2.64	30
Methoxychlor	0.0875	0.00400	"	0.100		87.5	40-120			2.69	30
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.161</i>		<i>"</i>	<i>0.201</i>		<i>80.0</i>	<i>30-120</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.199</i>		<i>"</i>	<i>0.207</i>		<i>96.3</i>	<i>30-120</i>				



Chlorinated Herbicides by GC/ECD - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH51360 - EPA 3535A											
Blank (BH51360-BLK1)										Prepared & Analyzed: 08/31/2015	
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Dicamba	ND	5.00	"								
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	89.0		"	125		71.2	30-150				
LCS (BH51360-BS1)										Prepared & Analyzed: 08/31/2015	
2,4,5-T	25.0	5.00	ug/L	40.0		62.5	40-140				
2,4,5-TP (Silvex)	24.0	5.00	"	40.0		60.0	40-140				
2,4-D	27.8	5.00	"	40.0		69.4	40-140				
Dicamba	27.5	5.00	"	40.0		68.8	40-140				
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	76.2		"	125		61.0	30-150				
LCS Dup (BH51360-BSD1)										Prepared & Analyzed: 08/31/2015	
2,4,5-T	21.2	5.00	ug/L	40.0		53.1	40-140		16.2	30	
2,4,5-TP (Silvex)	22.5	5.00	"	40.0		56.2	40-140		6.45	30	
2,4-D	24.2	5.00	"	40.0		60.6	40-140		13.5	30	
Dicamba	26.0	5.00	"	40.0		65.0	40-140		5.61	30	
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	78.0		"	125		62.4	30-150				
Batch BI50001 - EPA 3535A											
Blank (BI50001-BLK1)										Prepared & Analyzed: 09/01/2015	
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Dicamba	ND	5.00	"								
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	92.2		"	125		73.8	30-150				



Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50001 - EPA 3535A

LCS (BI50001-BS1)

Prepared & Analyzed: 09/01/2015

2,4,5-T	21.8	5.00	ug/L	40.0		54.4	40-140				
2,4,5-TP (Silvex)	22.0	5.00	"	40.0		55.0	40-140				
2,4-D	25.8	5.00	"	40.0		64.4	40-140				
Dicamba	27.5	5.00	"	40.0		68.8	40-140				
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	91.0		"	125		72.8	30-150				

LCS Dup (BI50001-BS1)

Prepared & Analyzed: 09/01/2015

2,4,5-T	21.5	5.00	ug/L	40.0		53.8	40-140		1.16	30	
2,4,5-TP (Silvex)	22.2	5.00	"	40.0		55.6	40-140		1.13	30	
2,4-D	24.5	5.00	"	40.0		61.2	40-140		4.98	30	
Dicamba	26.5	5.00	"	40.0		66.2	40-140		3.70	30	
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	89.0		"	125		71.2	30-150				

Batch BI50065 - EPA 3535A

Blank (BI50065-BLK1)

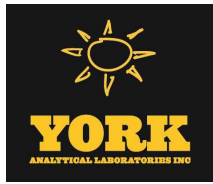
Prepared & Analyzed: 09/02/2015

2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Dicamba	ND	5.00	"								
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	116		"	125		92.4	30-150				

LCS (BI50065-BS1)

Prepared & Analyzed: 09/02/2015

2,4,5-T	22.8	5.00	ug/L	40.0		56.9	40-140				
2,4,5-TP (Silvex)	20.5	5.00	"	40.0		51.2	40-140				
2,4-D	23.0	5.00	"	40.0		57.5	40-140				
Dicamba	27.2	5.00	"	40.0		68.1	40-140				
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	90.0		"	125		72.0	30-150				



Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50065 - EPA 3535A

LCS Dup (BI50065-BSD1)

Prepared & Analyzed: 09/02/2015

2,4,5-T	26.2	5.00	ug/L	40.0		65.6	40-140		14.3	30	
2,4,5-TP (Silvex)	23.8	5.00	"	40.0		59.4	40-140		14.7	30	
2,4-D	28.2	5.00	"	40.0		70.6	40-140		20.5	30	
Dicamba	29.2	5.00	"	40.0		73.1	40-140		7.08	30	
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	96.2		"	125		77.0	30-150				



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI50324 - Analysis Preparation											
Blank (BI50324-BLK1) Prepared & Analyzed: 09/08/2015											
Phosphorous, Total as P	ND	0.0500	mg/L								
LCS (BI50324-BS1) Prepared & Analyzed: 09/08/2015											
Phosphorous, Total as P	0.485	0.0500	mg/L	0.500		97.0	80-120				
Duplicate (BI50324-DUP1) *Source sample: 15H0938-01 (GC-1A) Prepared & Analyzed: 09/08/2015											
Phosphorous, Total as P	ND	0.0500	mg/L		ND					20	
Matrix Spike (BI50324-MS1) *Source sample: 15H0938-01 (GC-1A) Prepared & Analyzed: 09/08/2015											
Phosphorous, Total as P	0.879	0.0500	mg/L	1.00	ND	87.9	75-125				
Batch BI50395 - Analysis Preparation											
Blank (BI50395-BLK1) Prepared & Analyzed: 09/09/2015											
Phosphorous, Total as P	ND	0.0500	mg/L								
LCS (BI50395-BS1) Prepared & Analyzed: 09/09/2015											
Phosphorous, Total as P	0.487	0.0500	mg/L	0.500		97.4	80-120				
Duplicate (BI50395-DUP1) *Source sample: 15H0938-22 (GC-4C) Prepared & Analyzed: 09/09/2015											
Phosphorous, Total as P	0.213	0.0500	mg/L		0.226				5.92	20	
Matrix Spike (BI50395-MS1) *Source sample: 15H0938-22 (GC-4C) Prepared & Analyzed: 09/09/2015											
Phosphorous, Total as P	0.939	0.0500	mg/L	1.00	0.226	71.3	75-125	Low Bias			
Batch BI50419 - Analysis Preparation											
Blank (BI50419-BLK1) Prepared: 09/09/2015 Analyzed: 09/10/2015											
Phosphorous, Dissolved as P - Dissolved	ND	0.0500	mg/L								
Phosphorous, Total as P	ND	0.0500	"								



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI50419 - Analysis Preparation											
LCS (BI50419-BS1)							Prepared: 09/09/2015 Analyzed: 09/10/2015				
Phosphorous, Dissolved as P - Dissolved	0.487	0.0500	mg/L	0.500		97.4	80-120				
Phosphorous, Total as P	0.494	0.0500	"	0.500		98.8	80-120				
Duplicate (BI50419-DUP1) *Source sample: 15H0938-01 (GC-1A)							Prepared: 09/09/2015 Analyzed: 09/10/2015				
Phosphorous, Dissolved as P - Dissolved	ND	0.0500	mg/L		ND					20	
Phosphorous, Total as P	0.115	0.0500	"		ND					20	
Matrix Spike (BI50419-MS1) *Source sample: 15H0938-01 (GC-1A)							Prepared: 09/09/2015 Analyzed: 09/10/2015				
Phosphorous, Dissolved as P - Dissolved	0.879	0.0500	mg/L	1.00	ND	87.9	75-125				
Phosphorous, Total as P	0.944	0.0500	"	1.00	ND	94.4	75-125				
Batch BI50420 - Analysis Preparation											
Blank (BI50420-BLK1)							Prepared: 09/09/2015 Analyzed: 09/10/2015				
Phosphorous, Dissolved as P - Dissolved	ND	0.0500	mg/L								
LCS (BI50420-BS1)							Prepared: 09/09/2015 Analyzed: 09/10/2015				
Phosphorous, Dissolved as P - Dissolved	0.487	0.0500	mg/L	0.500		97.4	80-120				
Duplicate (BI50420-DUP1) *Source sample: 15H0938-22 (GC-4C)							Prepared: 09/09/2015 Analyzed: 09/10/2015				
Phosphorous, Dissolved as P - Dissolved	0.140	0.0500	mg/L		0.132				5.88	20	
Matrix Spike (BI50420-MS1) *Source sample: 15H0938-22 (GC-4C)							Prepared: 09/09/2015 Analyzed: 09/10/2015				
Phosphorous, Dissolved as P - Dissolved	1.01	0.0500	mg/L	1.00	0.132	87.8	75-125				
Batch BI50421 - Analysis Preparation											
Blank (BI50421-BLK1)							Prepared: 09/09/2015 Analyzed: 09/10/2015				
Phosphorous, Dissolved as P - Dissolved	ND	0.0500	mg/L								



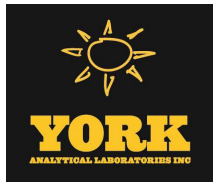
Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit								RPD	Limit
Batch BI50421 - Analysis Preparation											
LCS (BI50421-BS1)						Prepared: 09/09/2015 Analyzed: 09/10/2015					
Phosphorous, Dissolved as P - Dissolved	0.517	0.0500	mg/L	0.500		103		80-120			
Duplicate (BI50421-DUP1) *Source sample: 15H0938-42 (GC-12A)						Prepared: 09/09/2015 Analyzed: 09/10/2015					
Phosphorous, Dissolved as P - Dissolved	0.104	0.0500	mg/L		0.155				39.4	20	Non-dir.
Matrix Spike (BI50421-MS1) *Source sample: 15H0938-42 (GC-12A)						Prepared: 09/09/2015 Analyzed: 09/10/2015					
Phosphorous, Dissolved as P - Dissolved	1.01	0.0500	mg/L	1.00	0.155	85.5		75-125			
Batch BI50470 - Analysis Preparation											
Duplicate (BI50470-DUP1) *Source sample: 15H0938-01 (GC-1A)						Prepared & Analyzed: 09/10/2015					
Total Inorganic Nitrogen, Dissolved - Dissolved	ND	1.00	mg/L		ND						200
Batch BI50471 - Analysis Preparation											
Duplicate (BI50471-DUP1) *Source sample: 15H0938-22 (GC-4C)						Prepared & Analyzed: 09/10/2015					
Total Inorganic Nitrogen, Dissolved - Dissolved	ND	1.00	mg/L		ND						200
Batch BI50473 - Analysis Preparation											
Duplicate (BI50473-DUP1) *Source sample: 15H0938-42 (GC-12A)						Prepared & Analyzed: 09/10/2015					
Total Inorganic Nitrogen, Dissolved - Dissolved	ND	1.00	mg/L		ND						200



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15H0938-01	GC-1A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-02	GC-2A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-03	GC-4A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-04	GC-5A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-05	GC-6A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-06	GC-7A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-07	GC-8A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-08	GC-9A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-09	GC-10A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-10	GC-1B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-11	GC-2B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-12	GC-4B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-13	GC-5B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-14	GC-6B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-15	GC-7B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-17	GC-8B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-18	GC-9B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-19	GC-10B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-20	GC-1C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-21	GC-2C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-22	GC-4C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-23	GC-5C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-24	GC-6C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-25	GC-7C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-26	GC-8C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-27	GC-9C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-28	GC-10C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-29	GC-1D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-30	GC-2D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-31	GC-4D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-32	GC-5D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-33	GC-6D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-34	GC-7D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-35	GC-8D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-36	GC-9D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-37	GC-10D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-38	GC-11A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-39	GC-11B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-40	GC-11C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-41	GC-11D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-42	GC-12A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-43	GC-12B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-44	GC-12C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-45	GC-12D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-46	Replicate	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0938-47	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

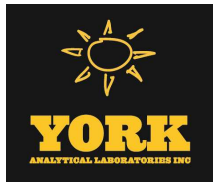




Notes and Definitions

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-A	The RPD exceeded control limits due to the analyte result being < 5 times the Limit of Quantitation causing variability. The batch LCS meets acceptance criteria.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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



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

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.

For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRAITFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

Page 1 of 5
York Project No. 15H0938

YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: Cashin Associates		Name: <input type="checkbox"/> SAME		Name: <input type="checkbox"/> SAME		Grand Canal		RUSH-Same Day		Summary Report	
Address: 1200 Veterans HWY		Company: <input type="checkbox"/>		Company: <input type="checkbox"/>		Purchase Order #		RUSH-Next Day		QA Report <input checked="" type="checkbox"/>	
Phone: 631-348-7600		Address: <input type="checkbox"/>		Address: <input type="checkbox"/>				RUSH-Two Day		CT RCP	
Contact: Keith Brewer		E-mail: <input type="checkbox"/>		E-mail: <input type="checkbox"/>		Samples from CT__NY_XNJ__		RUSH-Three Day		CT RCP DQA/DUE Pkg	
E-mail: kbrewer@ca-pc.com								RUSH-Four Day		NY ASP A Package	
								Standard (5-7day)		NY ASP B Package	
								X		NUDEP Reduced Deliv	

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.

Matrix Codes
S - soil
Other - specify (oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles	Semi-Vols.	Metals	Misc. Org.	Full Lists
8260 full TICs	8082 PCB	RCRAB	TPH GRO	Pri.Poll.
624 Site Spec.	STARS list	FP13 list	TPH DRO	TCL Ogrins
STARS list Nassau Co.	BN Only	TAL	CT ETPH	TAL/Metals
BTEX Suffolk Co.	Acids Only	CTL5 list	NY 310-13	Full TCLP
MTBE Ketones	PAH list	TAGM list	TPH 1664	Full App. IX
TCL list Oxygenates	TAGM list	NIDEP list	Air TO14A	Part 360-Part 3
TAGM list TCLP list	CT RCP list	SPL or TCLP Total	Air TO15	Part 360-Part 4
CT RCP list 524.2	TCL list	Dissolved	Air STARS	Part 360-Part 5
Arom. only 502.2	NIDEP list	TCLP Herb	Air VPH	Part 360-Part 6
Halog. only NIDEP list	App. IX	SPL or TCLP	Air TICs	NYCDEP Spec
App. IX list	TCLP BNA	608 Pest	Methane	NYCDEP Spec
8021B list	SPL or TCLP	608 PCB	Helium	NYCDEP Spec

Samples Collected/Authorized By (Signature)

Name (printed)

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
GC-1A	27-Aug 6:54am	Seawater	Herb; Pest; Nitrate & Nitrite; TIN, Nitrate & Nitrite (Dissolved);	(3) 40ml
GC-2A	27-Aug 6:48am		Total Phosphorous, Phosphorous (Dissolved), SVOC, VOC	(4) 1000ml amber
GC-4A	27-Aug 6:21am		Total Kjeldahl, Total Kjeldahl (soluble)	(1) 500 ml plastic
GC-5A	27-Aug 6:40am			(1) 250ml plastic
GC-6A	27-Aug 6:21am			(1) 1000ml plastic
GC-7A	27-Aug 6:17am			
GC-8A	27-Aug 6:10am			
GC-9A	27-Aug 6:00am			
GC-10A	27-Aug 5:54am			

Comments:
Matrix, Analysis Requested, and Container Description applies for each sample ID

4°C _____ Frozen _____ HCl _____ HNO₃ _____ H₂O₂ _____ NaOH _____
ZnAc _____ MeOH _____ Ascorbic Acid _____ Other _____

Special Instructions
Field Filtered
Lab to Filter

Samples Relinquished By John Thy Date/Time 8/27/15 4:45 Samples Received By John Thy Date/Time 8/27/15 4:20
Temperature on Receipt 4.7°C



YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.,
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. SH0938

YOUR INFORMATION		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: Cashin Associates		Name: <input type="checkbox"/> SAME		Name: <input type="checkbox"/> SAME		Grand Canal		RUSH-Same Day		Summary Report	
Address: 1200 Veterans HWY		Company: <input type="checkbox"/>		Company: <input type="checkbox"/>		Purchase Order #		RUSH-Next Day		QA Report <input checked="" type="checkbox"/>	
Hauppauge, NY 11788		Address: <input type="checkbox"/>		Address: <input type="checkbox"/>				RUSH-Two Day		CT RCP	
Phone: 631-348-7600		E-mail: <input type="checkbox"/>		E-mail: <input type="checkbox"/>				RUSH-Three Day		CT RCP DQA/DUE Pkg	
Contact: Keith Brewer								RUSH-Four Day		NY ASP A Package	
E-mail: kbrewer@ca-pc.com								Standard (5-7day)		NY ASP B Package	
								X		NUDEP Reduced Deliv	

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

Samples Collected/Authorized By (Signature) _____
Name (printed) _____

Volatiles	Semi-Vols.	Metals	Misc. Org.	Full Lists
8260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App.IX list 8021B list	8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCL list NUDEP list App. IX TCLP BNA SPL or TCLP	RCKRA8 PP13 list TAL CTI.5 list TAGM list NUDEP list Total Dissolved SPL or TCLP Indic. Metals LIST Below	TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH SPL or TCLP Chlordane 608 Pest	Pri.Poll. TCL Ogans TAL, MetCN Full TCLP Full App.IX Part 360-Residue Part 360-Residue Part 360-Residue NYCDEP Sewer NYSDDEC Sewer TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
GC-1A 1B	27-Aug 8:57am	Seawater	Herb; Pest; Nitrate & Nitrite; TIN, Nitrate & Nitrite (Dissolved); Total Phosphorous, Phosphorous (Dissolved), SVOC, VOC Total Kjeldahl, Total Kjeldahl (soluble)	(3) 40ml
GC-2A 2B	27-Aug 8:53am			(4) 1000ml amber
GC-4A 4B	27-Aug 8:38am			(1) 500 ml plastic
GC-5A 5B	27-Aug 8:45am			(1) 250ml plastic
GC-6A 6B	27-Aug 8:27am			(1) 1000ml plastic
GC-7A 7B	27-Aug 8:30am			
GC-8A 8B	27-Aug 8:13am			
GC-9A 9B	27-Aug 8:00am			
GC-10A 10B	27-Aug 7:50am			

Comments:

Matrix, Analysis Requested, and Container Description applies for each sample ID

Preservation (check all applicable): 4°C Frozen HCl MeOH HNO₃ NaOH ZnAc Ascorbic Acid Other

Special Instructions: Field Filtered Lab to Filter

Samples Relinquished By: Kevin Thuy Date/Time: 8/27/15 4:40

Samples Received By: [Signature] Date/Time: 8/27/15 14:20 Temperature on Receipt: 4.7°C



YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

Page 3 of 5

York Project No. 1SH0938

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

YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: <u>Cashin Associates</u>		<input type="checkbox"/> SAME		<input type="checkbox"/> SAME		Grand Canal		RUSH-Same Day		Summary Report	
Address: <u>1200 Veterans HWY</u>		Name:		Name:		Purchase Order #		RUSH-Next Day		QA Report <input checked="" type="checkbox"/>	
Phone: <u>631-348-7600</u>		Company:		Company:				RUSH-Two Day		CT RCP	
Contact: <u>Keith Brewer</u>		Address:		Address:				RUSH-Three Day		CT RCP DQA/DUE Pkg	
E-mail: <u>kbrewer@ca-pc.com</u>		E-mail:		E-mail:		Samples from CT_NY_NJ_NU		RUSH-Four Day		NY ASP A Package	
								Standard (5-7day)		NY ASP B Package	
								X		NJDEP Reduced Deliv	

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.

Matrix Codes
S - soil
Other - specify (oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Samples Collected/Authorized By (Signature)

Name (printed)

Sample Identification	Date/Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
GC-1C	27-Aug 11:04am	Seawater	Herb; Pest; Nitrate & Nitrite; TIN, Nitrate & Nitrite (Dissolved);	(3) 40ml
GC-2C	27-Aug 10:58am	Seawater	Total Phosphorous, Phosphorous (Dissolved), SVOC, VOC	(4) 1000ml amber
GC-4C	27-Aug 10:44am		Total Kjeldahl, Total Kjeldahl (soluble)	(1) 500 ml plastic
GC-5C	27-Aug 10:53am			(1) 250ml plastic
GC-6C	27-Aug 10:33am			(1) 1000ml plastic
GC-7C	27-Aug 10:35am			
GC-8C	27-Aug 10:18am			
GC-9C	27-Aug 10:08am			
GC-10C	27-Aug 9:48am			

OTHER: _____

Preservation (check all applicable): 4°C _____ Frozen _____ HCl _____ ZnAC _____ McOH _____ Ascorbic Acid _____ HNO₃ _____ H₂SO₄ _____ NaOH _____ Other _____

Special Instructions
Field Filtered
Lab to Filter

Comments:
Matrix, Analysis Requested, and Container Description applies for each sample ID

Samples Relinquished By Keith Brewer Date/Time 8/27/15 4:00
Samples Received By Keith Brewer Date/Time 8/27/15 1:20
Temperature on Receipt 47°C



YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRAFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

York Project No. 15H0938

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

YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: <u>Cashin Associates</u>	<input type="checkbox"/> SAME	Name: _____		<input type="checkbox"/> SAME		Grand Canal		RUSH-Same Day		Summary Report	
Address: <u>1200 Veterans HWY</u>	Name: _____	Company: _____		Company: _____		Purchase Order # _____		RUSH-Next Day		QA Report <input checked="" type="checkbox"/>	
Phone: <u>631-348-7600</u>	Address: _____	E-mail: _____		Address: _____		_____		RUSH-Two Day		CT RCP	
Contact: <u>Keith Brewer</u>	_____	_____		_____		_____		RUSH-Three Day		CT RCP DQA/DUE Pkg	
E-mail: <u>kbrewer@ca-pc.com</u>	_____	_____		_____		_____		RUSH-Four Day		NY ASP A Package	
_____		_____		_____		_____		Standard (5-7day)		NY ASP B Package	
_____		_____		_____		_____		X		NJDEP Reduced Deliv	
<p>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>											
Samples Collected/Authorized By (Signature)		Volatiles		Metals		Misc. Org.		Full Lists		Excel	
Name (printed)		8260 full		RCA8		TPH GR0		Pri. Poll.		Excel	
_____		624		STARS list		TPH DRO		TCL Ogans		NYSDEC EQUIS	
_____		STARS list		Nassau Co.		CT ETPH		TALMAGCN		NJDEP SRP HazSite	
_____		BTEX		Suffolk Co.		NY 310-13		Full TCLP		EQUIS	
_____		MTBE		Ketones		TPH 1664		Full App. IX		GIS/KEY (std)	
_____		TCL list		Oxygenates		Air TO14A		Part 300-301a		YORK Regulatory Comp Excel	
_____		TAGM list		TCLP list		Air TO15		Part 300-301a		compared to:	
_____		CT RCP list		524.2		Air STARS		Part 300-301a			
_____		Arom. only		502.2		SPL or TCLP		Part 300-301a			
_____		Halog. only		NIJDEP list		SPL or TCLP		Part 300-301a			
_____		App. IX list		SELP or TCLP		Chlordane		NYCDEP Sess			
_____		8021B list		SELP or TCLP		608 Pest		NYSDEC Sess			
_____		Matrix Codes		SELP or TCLP		608 PCB		TAGM		OTHER:	
S - soil		Other - specify (oil, etc.)		_____		_____		_____		_____	
WW - wastewater		GW - groundwater		_____		_____		_____		_____	
DW - drinking water		Air - A - ambient air		_____		_____		_____		_____	
Air - SV - soil vapor		_____		_____		_____		_____		_____	
Sample Identification	Date/Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description							
GC-1D	27-Aug 1:03 pm	Seawater	Herb; Pest; Nitrate & Nitrite; TIN, Nitrate & Nitrite (Dissolved);	(3) 40ml							
GC-2D	27-Aug 1:17 pm		Total Phosphorous, Phosphorous (Dissolved), SVOC, VOC	(4) 1000ml amber							
GC-4D	27-Aug 1:04 pm		Total Kjeldahl, Total Kjeldahl (soluble)	(1) 500 ml plastic							
GC-5D	27-Aug 1:11 pm			(1) 250ml plastic							
GC-6D	27-Aug 1:54 pm			(1) 1000ml plastic							
GC-7D	27-Aug 1:44 pm										
GC-8D	27-Aug 1:59 pm										
GC-9D	27-Aug 1:22 pm										
GC-10D	27-Aug 1:11 pm										
Comments:											
<p>Matrix, Analysis Requested, and Container Description applies for each sample ID</p> <p>4°C _____ Frozen _____ HCl _____ HNO₃ _____ H₂SO₄ _____ NaOH _____ ZnAc _____ Ascorbic Acid _____ Other _____</p> <p>Special Instructions: Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/></p> <p>Samples Relinquished By <u>Keith Brewer</u> Date/Time <u>8/27/15 4:00</u> Samples Received By <u>Keith Brewer</u> Date/Time <u>8/27/15 16:25</u> Temperature on Receipt <u>41.7°C</u></p> <p>Samples Relinquished By _____ Date/Time _____ Samples Received in LAB by _____ Date/Time _____</p>											



YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
BRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. SH0938

YOUR INFORMATION		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: Cashin Associates	<input checked="" type="checkbox"/> SAME	Company: 1200 Veterans HWY	<input type="checkbox"/>	Name: Grand Canal	<input type="checkbox"/>	RUSH-Same Day		Summary Report		Summary Report	
Address: 1200 Veterans HWY		Name: _____		Purchase Order # _____		RUSH-Next Day		QA Report		QA Report	X
Phone: 631-348-7600		Company: Hauppauge, NY 11788		Address: _____		RUSH-Two Day		CT RCP		CT RCP	
Contact: Keith Brewer		Address: _____		E-mail: _____		RUSH-Three Day		CT RCP DQA/DUE Pkg		CT RCP DQA/DUE Pkg	
E-mail: kbrewer@ca-pc.com		Matrix Codes				RUSH-Four Day		NY ASP A Package		NY ASP A Package	
		S - soil				Standard (5-7day)	X	NY ASP B Package		NY ASP B Package	
		Other - specify (oil, etc.)						NJDEP Reduced Deliv		NJDEP Reduced Deliv	

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

Samples Collected/Authorized By (Signature) _____
Name (printed) _____

Volatiles	Semi-Vols. Pest/Chl/Herb	Metals	Misc. Org.	Full Lists
8260 full TICS	8082 PCB RCKR8	TPH GRO TPH DR0	TPH DR0	PH.Poll.
624 Site Spec.	STARS list BN Only	PP13 list TAL	CT ETPH	TCL Ognics TAL.Met/CN
STARS list Nassau Co. BTEX	Acids Only Suffolk Co.	CT15 list	NY 310-13	Full TCLP
MTBE	PAH list	TAGM list	TPH 1664	Full App.IX
TCL list	TAGM list	Site Spec.	NJDEP list	Part 300-301a
TAGM list	CT RCP list	SELP or TCLP	Total	Part 300-301a No Lead/Lead
CT RCP list	TCLP list	TCLP Pest	Dissolved	Full List
Arrom. only	524.2	TCLP Herb	SELP or TCLP	NYCDEP Sewer
GW - groundwater	DW - drinking water	App. IX	Chlordane	NYCDEP Sewer
DW - drinking water	Air-A. ambient air	App. IX list	TCLP BNA	NYCDEP Sewer
Air-SV - soil vapor	8021B list	SELP or TCLP	608 Pest	NYCDEP Sewer
		SELP or TCLP	608 PCB	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
GC-11A	27-Aug 5:40am	Seawater	Herb; Pest; Nitrate & Nitrite; TIN, Nitrate & Nitrite (Dissolved);	(3) 40ml
GC-11B	27-Aug 7:50am		Total Phosphorous, Phosphorous (Dissolved), SVOC, VOC	(4) 1000ml amber
GC-11C	27-Aug 9:40am		Total Kjeldahl, Total Kjeldahl (soluble)	(1) 500 ml plastic
GC-11D	27-Aug 12:04pm			(1) 250ml plastic
GC-12A	27-Aug 5:29am			(1) 1000ml plastic
GC-12B	27-Aug 7:40am			
GC-12C	27-Aug 9:33am			
GC-12D	27-Aug 11:54am			
Trip Blank & Replicate	8/27/2015 N/A			

OTHER: _____

4°C _____ Frozen _____ HCl _____ HNO₃ _____ H₂O₂ _____ NaOH _____
McOH _____ Ascorbic Acid _____ Other _____

Preservation (check all applicable)
 Special Instructions
 Field Filtered
 Lab to Filter

Comments:
 Matrix, Analysis Requested, and Container Description applies for each sample ID. Trip Blank - VOC Only.

Samples Relinquished By KB Date/Time 8/27/15 4:20
 Samples Relinquished By KB Date/Time 8/27/15 4:20
 Samples Received By KB Date/Time 8/27/15 4:20
 Samples Received in L.A.B by KB Date/Time 8/27/15 4:20
 Temperature on Receipt 47.0



**LONG
ISLAND
ANALYTICAL
LABORATORIES INC.**

"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

Laboratory Report

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

LIAL# 5082707

August 31, 2015

Cashin Associates
Keith Brewer
1200 Veterans Highway
Hauppauge, NY 11787

Re: Grand Canal

Dear Keith Brewer,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on August 27, 2015. Long Island Analytical laboratories analyzed the samples on August 27, 2015 for the following:

SAMPLE ID	ANALYSIS
GC-1A	Enterococci, Fecal Coliform, Total Coliform
GC-2A	Enterococci, Fecal Coliform, Total Coliform
GC-4A	Enterococci, Fecal Coliform, Total Coliform
GC-5A	Enterococci, Fecal Coliform, Total Coliform
GC-6A	Enterococci, Fecal Coliform, Total Coliform
GC-7A	Enterococci, Fecal Coliform, Total Coliform
GC-8A	Enterococci, Fecal Coliform, Total Coliform
GC-9A	Enterococci, Fecal Coliform, Total Coliform
GC-10A	Enterococci, Fecal Coliform, Total Coliform
GC-11A	Enterococci, Fecal Coliform, Total Coliform
GC-12A	Enterococci, Fecal Coliform, Total Coliform
GC-1B	Enterococci, Fecal Coliform, Total Coliform
GC-2B	Enterococci, Fecal Coliform, Total Coliform
GC-4B	Enterococci, Fecal Coliform, Total Coliform
GC-5B	Enterococci, Fecal Coliform, Total Coliform
GC-6B	Enterococci, Fecal Coliform, Total Coliform
GC-7B	Enterococci, Fecal Coliform, Total Coliform
GC-8B	Enterococci, Fecal Coliform, Total Coliform
GC-9B	Enterococci, Fecal Coliform, Total Coliform

GC-10B	Enterococci, Fecal Coliform, Total Coliform
GC-11B	Enterococci, Fecal Coliform, Total Coliform
GC-12B	Enterococci, Fecal Coliform, Total Coliform

Samples received at 1.7 ° C

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,



Long Island Analytical Laboratories, Inc.

Michael Veraldi - Laboratory Director

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 06:54	Sample ID: GC-1A
Date (Time) Received: 08/27/2015 10:48	Laboratory ID: 5082707-01
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 11:03	Enterolert	NA	10.0	171	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 11:02	SM 9221 B-06	20.0	20.0	3000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 11:02	SM 9221 C, E-06	20.0	20.0	3000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 06:48	Sample ID: GC-2A
Date (Time) Received: 08/27/2015 10:48	Laboratory ID: 5082707-02
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 11:03	Enterolert	NA	10.0	640	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 11:02	SM 9221 B-06	20.0	20.0	9000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 11:02	SM 9221 C, E-06	20.0	20.0	9000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 06:31	Sample ID: GC-4A
Date (Time) Received: 08/27/2015 10:48	Laboratory ID: 5082707-03
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 11:03	Enterolert	NA	10.0	183	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 11:02	SM 9221 B-06	20.0	20.0	230	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 11:02	SM 9221 C, E-06	20.0	20.0	230	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 06:40	Sample ID: GC-5A
Date (Time) Received: 08/27/2015 10:48	Laboratory ID: 5082707-04
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 11:03	Enterolert	NA	10.0	71.0	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 11:02	SM 9221 B-06	20.0	20.0	500	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 11:02	SM 9221 C, E-06	20.0	20.0	500	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 06:21	Sample ID: GC-6A
Date (Time) Received: 08/27/2015 10:48	Laboratory ID: 5082707-05
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 11:03	Enterolert	NA	10.0	185	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 11:02	SM 9221 B-06	20.0	20.0	3000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 11:02	SM 9221 C, E-06	20.0	20.0	3000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 06:17	Sample ID: GC-7A
Date (Time) Received: 08/27/2015 10:48	Laboratory ID: 5082707-06
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 11:03	Enterolert	NA	10.0	3720	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 11:02	SM 9221 B-06	20.0	20.0	16000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 11:02	SM 9221 C, E-06	20.0	20.0	16000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 06:10	Sample ID: GC-8A
Date (Time) Received: 08/27/2015 10:48	Laboratory ID: 5082707-07
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 11:03	Enterolert	NA	10.0	537	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 11:02	SM 9221 B-06	20.0	20.0	5000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 11:02	SM 9221 C, E-06	20.0	20.0	5000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 06:00	Sample ID: GC-9A
Date (Time) Received: 08/27/2015 10:48	Laboratory ID: 5082707-08
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 11:03	Enterolert	NA	10.0	162	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 11:02	SM 9221 B-06	20.0	20.0	5000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 11:02	SM 9221 C, E-06	20.0	20.0	5000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 05:54	Sample ID: GC-10A
Date (Time) Received: 08/27/2015 10:48	Laboratory ID: 5082707-09
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 11:03	Enterolert	NA	10.0	174	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 11:02	SM 9221 B-06	20.0	20.0	3000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 11:02	SM 9221 C, E-06	20.0	20.0	3000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 05:41	Sample ID: GC-11A
Date (Time) Received: 08/27/2015 10:48	Laboratory ID: 5082707-10
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 11:03	Enterolert	NA	10.0	71.0	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 11:02	SM 9221 B-06	20.0	20.0	5000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 11:02	SM 9221 C, E-06	20.0	20.0	5000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 05:29	Sample ID: GC-12A
Date (Time) Received: 08/27/2015 10:48	Laboratory ID: 5082707-11
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 11:03	Enterolert	NA	10.0	20.0	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 11:02	SM 9221 B-06	20.0	20.0	500	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 11:02	SM 9221 C, E-06	20.0	20.0	500	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 08:57	Sample ID: GC-1B
Date (Time) Received: 08/27/2015 10:48	Laboratory ID: 5082707-12
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 11:03	Enterolert	NA	10.0	61.0	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 11:02	SM 9221 B-06	20.0	20.0	3000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 11:02	SM 9221 C, E-06	20.0	20.0	3000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 08:53	Sample ID: GC-2B
Date (Time) Received: 08/27/2015 10:48	Laboratory ID: 5082707-13
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 11:03	Enterolert	NA	10.0	190	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 11:02	SM 9221 B-06	20.0	20.0	5000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 11:02	SM 9221 C, E-06	20.0	20.0	5000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 08:38	Sample ID: GC-4B
Date (Time) Received: 08/27/2015 10:48	Laboratory ID: 5082707-14
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 11:03	Enterolert	NA	10.0	20.0	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 11:02	SM 9221 B-06	20.0	20.0	300	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 11:02	SM 9221 C, E-06	20.0	20.0	300	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 08:45	Sample ID: GC-5B
Date (Time) Received: 08/27/2015 10:48	Laboratory ID: 5082707-15
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 11:03	Enterolert	NA	10.0	20.0	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 11:02	SM 9221 B-06	20.0	20.0	700	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 11:02	SM 9221 C, E-06	20.0	20.0	700	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 08:27	Sample ID: GC-6B
Date (Time) Received: 08/27/2015 10:48	Laboratory ID: 5082707-16
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 11:03	Enterolert	NA	10.0	271	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 11:02	SM 9221 B-06	20.0	20.0	16000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 11:02	SM 9221 C, E-06	20.0	20.0	16000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 08:20	Sample ID: GC-7B
Date (Time) Received: 08/27/2015 10:48	Laboratory ID: 5082707-17
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 11:03	Enterolert	NA	10.0	328	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 11:02	SM 9221 B-06	20.0	20.0	16000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 11:02	SM 9221 C, E-06	20.0	20.0	16000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 08:13	Sample ID: GC-8B
Date (Time) Received: 08/27/2015 10:48	Laboratory ID: 5082707-18
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 11:03	Enterolert	NA	10.0	680	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 11:02	SM 9221 B-06	20.0	20.0	16000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 11:02	SM 9221 C, E-06	20.0	20.0	16000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 08:00	Sample ID: GC-9B
Date (Time) Received: 08/27/2015 10:48	Laboratory ID: 5082707-19
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 11:03	Enterolert	NA	10.0	111	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 11:02	SM 9221 B-06	20.0	20.0	5000	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 11:02	SM 9221 C, E-06	20.0	20.0	5000	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 07:52	Sample ID: GC-10B
Date (Time) Received: 08/27/2015 10:48	Laboratory ID: 5082707-20
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 11:03	Enterolert	NA	10.0	91.0	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 11:02	SM 9221 B-06	20.0	20.0	1700	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 11:02	SM 9221 C, E-06	20.0	20.0	1700	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 07:50	Sample ID: GC-11B
Date (Time) Received: 08/27/2015 10:48	Laboratory ID: 5082707-21
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 11:03	Enterolert	NA	10.0	1220	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 11:02	SM 9221 B-06	20.0	20.0	5000	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 11:02	SM 9221 C, E-06	20.0	20.0	5000	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 07:40	Sample ID: GC-12B
Date (Time) Received: 08/27/2015 10:48	Laboratory ID: 5082707-22
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 11:03	Enterolert	NA	10.0	271	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 11:02	SM 9221 B-06	20.0	20.0	700	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 11:02	SM 9221 C, E-06	20.0	20.0	700	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Data Qualifiers Key Reference:

- 5.E Level found exceeds the maximum contaminant level (MCL) as set by local, state or federal agencies.
MDL Minimum Detection Limit
LOQ Limit of Quantitation

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS Cashin Assoc. 1200 vets Hwy Hagerstown, MD 21788		CONTACT: Keith Brewer PHONE: 631 348 7600 FAX: EMAIL: kbrewer@ca-pc.com		SAMPLER (SIGNATURE) <i>[Signature]</i>		SAMPLE(S) SEALED YES / NO CORRECT CONTAINER(S) YES / NO		5082707		IN .Y)	
PROJECT LOCATION: Grand Canal		SAMPLER NAME (PRINT) Andrew Thyberg		SAMPLES RECEIVED AT 1.7 °C		ANALYSIS REQUIRED Total Coliform Fecal Coliform Enterococcus					
TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month. Tending of samples to LIAL for analytical testing constitutes agreement by buyer/sampler to LIAL's Standard terms		DATE		TIME		SAMPLE #		LOCATION		# OF CONTAINERS	
LABORATORY ID # For Laboratory Use Only		PRES.		DATE		TIME		SAMPLE #		LOCATION	
1. 082707-01 BW		8/27/15		6:54am		GC-1A				2	
2. 02				6:48am		GC-2A					
3. 03				6:31am		GC-3A					
4. 04				6:40am		GC-5A					
5. 05				6:21am		GC-6A					
6. 06				6:17am		GC-7A					
7. 07				6:10am		GC-8A					
8. 08				6:00am		GC-9A					
9. 09				5:54am		GC-10A					
10. 10				5:41am		GC-11A					
11. 11				5:29am		GC-12A					
12. 12				8:57am		GC-1B					
13. 13				8:53am		GC-2B					
14. 14				8:38am		GC-4B					
MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WIFE; PC=PAINT CHIPS; BM= BULK MATERIAL, O=OIL, WW=WASTE WATER TYPE: G=GRAB; C=COMPOSITE; SS=SPLIT SPOON PRES: (1) ICE; (2) HCL; (3) H2SO4; (4) NaOH; (5) Na2S2O3; (6) HNO3; (7) OTHER		TURNAROUND REQUIRED: <input checked="" type="checkbox"/> NORMAL <input type="checkbox"/> STAT		RECEIVED BY (SIGNATURE) <i>[Signature]</i>		RECEIVED BY (SIGNATURE) <i>[Signature]</i>		RECEIVED BY (SIGNATURE) <i>[Signature]</i>		RECEIVED BY (SIGNATURE) <i>[Signature]</i>	
RELINQUISHED BY (SIGNATURE) <i>[Signature]</i>		DATE 8/27/15 TIME 10 am		PRINTED NAME Krista Thyberg		RECEIVED BY (SIGNATURE) <i>[Signature]</i>		RECEIVED BY (SIGNATURE) <i>[Signature]</i>		RECEIVED BY (SIGNATURE) <i>[Signature]</i>	
RELINQUISHED BY (SIGNATURE) <i>[Signature]</i>		DATE TIME		PRINTED NAME		RECEIVED BY (SIGNATURE) <i>[Signature]</i>		RECEIVED BY (SIGNATURE) <i>[Signature]</i>		RECEIVED BY (SIGNATURE) <i>[Signature]</i>	
						10x sample dilution		DATE 8-27-15 TIME 10:00 AM		PRINTED NAME Ben Lamberson	
								DATE 8-27-15 TIME 10:40 A		PRINTED NAME Ben Lamberson	



CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: **Cashin Assoc.**
 1200 Vets Hwy
 Hauppauge NY 11788

PROJECT LOCATION: **Grand Canal**

CONTACT: **Keith Brewer**
 PHONE: **631 348 7000**
 FAX:
 EMAIL: **KBrewer@cashin.com**

SAMPLER (SIGNATURE): *[Signature]*
 SAMPLER NAME (PRINT): **Keith Brewer**

SAMPLES SEALED: YES / NO
 CORRECT CONTAINER(S):

SAMPLES RECEIVED AT: **1.7°C**

ANALYSIS REQUIRED: **Total Coliform, Fecal Coliform, Enterococci**

5082707

LABORATORY ID #	MATRIX	TYPE	pH	RES. CHLORINE	DATE	TIME	SAMPLE # LOCATION	# OF CONTAINERS
15082707-15	SW				8/27/15	8:45am	GC-5B	2
16						8:27am	GC-6B	
17						8:20am	GC-7B	
18						8:13am	GC-8B	
19						8:00am	GC-9B	
20						7:52am	GC-10B	
21						7:50am	GC-11B	
22						7:40am	GC-12B	
						7:52am	Replicate	
							PH-9.0	
							NES CLCAL	
							AC	
							NO SAMPLED	
							KEITH NOTIFIED	

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WPIE;
 PC=PAINT CHIPS; BM=BULK MATERIAL; O=OIL; WW=WASTE WATER
 TYPE: G=GRAB; C=COMPOSITE; SS=SPLIT SPOON
 PRES: (1) ICE; (2) HCL; (3) H₂SO₄; (4) NAOH; (5) NA₂S₂O₃; (6) HNO₃; (7) OTHER

TURNAROUND REQUIRED: NORMAL STAT

COMMENTS / INSTRUCTIONS: **sample dilution**

RELINQUISHED BY (SIGNATURE): *[Signature]* DATE: **8/27/15** TIME: **10:00A**
 PRINTED NAME: **Keith Brewer**

RECEIVED BY (SIGNATURE): *[Signature]* DATE: **8-27-15** TIME: **10:00A**
 PRINTED NAME: **Bev Lamberson**

RELINQUISHED BY (SIGNATURE): *[Signature]* DATE: **8-27-14** TIME: **10:46A**
 PRINTED NAME: **Bev Lamberson**



**LONG
ISLAND
ANALYTICAL
LABORATORIES INC.**

"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

Laboratory Report

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

LIAL# 5082710

August 31, 2015

Cashin Associates
Keith Brewer
1200 Veterans Highway
Hauppauge, NY 11787

Re: Grand Canal

Dear Keith Brewer,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on August 27, 2015. Long Island Analytical laboratories analyzed the samples on August 27, 2015 for the following:

SAMPLE ID	ANALYSIS
GC-1C	Enterococci, Fecal Coliform, Total Coliform
GC-2C	Enterococci, Fecal Coliform, Total Coliform
GC-4C	Enterococci, Fecal Coliform, Total Coliform
GC-5C	Enterococci, Fecal Coliform, Total Coliform
GC-6C	Enterococci, Fecal Coliform, Total Coliform
GC-7C	Enterococci, Fecal Coliform, Total Coliform
GC-8C	Enterococci, Fecal Coliform, Total Coliform
GC-9C	Enterococci, Fecal Coliform, Total Coliform
GC-10C	Enterococci, Fecal Coliform, Total Coliform
GC-11C	Enterococci, Fecal Coliform, Total Coliform
GC-12C	Enterococci, Fecal Coliform, Total Coliform
GC-1D	Enterococci, Fecal Coliform, Total Coliform
GC-2D	Enterococci, Fecal Coliform, Total Coliform
GC-4D	Enterococci, Fecal Coliform, Total Coliform
GC-5D	Enterococci, Fecal Coliform, Total Coliform
GC-6D	Enterococci, Fecal Coliform, Total Coliform
GC-7D	Enterococci, Fecal Coliform, Total Coliform
GC-8D	Enterococci, Fecal Coliform, Total Coliform
GC-9D	Enterococci, Fecal Coliform, Total Coliform

GC-10D	Enterococci, Fecal Coliform, Total Coliform
GC-11D	Enterococci, Fecal Coliform, Total Coliform
GC-12D	Enterococci, Fecal Coliform, Total Coliform

Samples received at 0.8 ° C

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,



Long Island Analytical Laboratories, Inc.

Michael Veraldi - Laboratory Director

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 11:04	Sample ID: GC-1C
Date (Time) Received: 08/27/2015 14:27	Laboratory ID: 5082710-01
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 14:50	Enterolert	NA	10.0	3080	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 14:47	SM 9221 B-06	20.0	20.0	16000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 14:47	SM 9221 C, E-06	20.0	20.0	16000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 10:58	Sample ID: GC-2C
Date (Time) Received: 08/27/2015 14:27	Laboratory ID: 5082710-02
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 14:50	Enterolert	NA	10.0	2600	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 14:47	SM 9221 B-06	20.0	20.0	9000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 14:47	SM 9221 C, E-06	20.0	20.0	9000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 10:44	Sample ID: GC-4C
Date (Time) Received: 08/27/2015 14:27	Laboratory ID: 5082710-03
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 14:50	Enterolert	NA	10.0	1580	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 14:47	SM 9221 B-06	20.0	20.0	220	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 14:47	SM 9221 C, E-06	20.0	20.0	220	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 10:52	Sample ID: GC-5C
Date (Time) Received: 08/27/2015 14:27	Laboratory ID: 5082710-04
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 14:50	Enterolert	NA	10.0	805	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 14:47	SM 9221 B-06	20.0	20.0	500	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 14:47	SM 9221 C, E-06	20.0	20.0	500	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 10:32	Sample ID: GC-6C
Date (Time) Received: 08/27/2015 14:27	Laboratory ID: 5082710-05
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 14:50	Enterolert	NA	10.0	2280	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 14:47	SM 9221 B-06	20.0	20.0	16000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 14:47	SM 9221 C, E-06	20.0	20.0	16000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 10:25	Sample ID: GC-7C
Date (Time) Received: 08/27/2015 14:27	Laboratory ID: 5082710-06
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 14:50	Enterolert	NA	10.0	3650	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 14:47	SM 9221 B-06	20.0	20.0	9000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 14:47	SM 9221 C, E-06	20.0	20.0	9000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 10:18	Sample ID: GC-8C
Date (Time) Received: 08/27/2015 14:27	Laboratory ID: 5082710-07
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 14:50	Enterolert	NA	10.0	1670	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 14:47	SM 9221 B-06	20.0	20.0	16000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 14:47	SM 9221 C, E-06	20.0	20.0	16000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 10:08	Sample ID: GC-9C
Date (Time) Received: 08/27/2015 14:27	Laboratory ID: 5082710-08
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 14:50	Enterolert	NA	10.0	1130	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 14:47	SM 9221 B-06	20.0	20.0	3000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 14:47	SM 9221 C, E-06	20.0	20.0	3000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 09:48	Sample ID: GC-10C
Date (Time) Received: 08/27/2015 14:27	Laboratory ID: 5082710-09
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 14:50	Enterolert	NA	10.0	691	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 14:47	SM 9221 B-06	20.0	20.0	9000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 14:47	SM 9221 C, E-06	20.0	20.0	9000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 09:41	Sample ID: GC-11C
Date (Time) Received: 08/27/2015 14:27	Laboratory ID: 5082710-10
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 14:50	Enterolert	NA	10.0	63.0	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 14:47	SM 9221 B-06	20.0	20.0	3000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 14:47	SM 9221 C, E-06	20.0	20.0	3000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 09:33	Sample ID: GC-12C
Date (Time) Received: 08/27/2015 14:27	Laboratory ID: 5082710-11
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 14:50	Enterolert	NA	10.0	60.0	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 14:47	SM 9221 B-06	20.0	20.0	800	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 14:47	SM 9221 C, E-06	20.0	20.0	500	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 13:23	Sample ID: GC-1D
Date (Time) Received: 08/27/2015 14:27	Laboratory ID: 5082710-12
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 14:50	Enterolert	NA	10.0	1520	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 14:47	SM 9221 B-06	20.0	20.0	9000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 14:47	SM 9221 C, E-06	20.0	20.0	9000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 13:17	Sample ID: GC-2D
Date (Time) Received: 08/27/2015 14:27	Laboratory ID: 5082710-13
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 14:50	Enterolert	NA	10.0	1330	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 14:47	SM 9221 B-06	20.0	20.0	5000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 14:47	SM 9221 C, E-06	20.0	20.0	5000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 13:04	Sample ID: GC-4D
Date (Time) Received: 08/27/2015 14:27	Laboratory ID: 5082710-14
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 14:50	Enterolert	NA	10.0	13000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 14:47	SM 9221 B-06	20.0	20.0	500	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 14:47	SM 9221 C, E-06	20.0	20.0	500	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 13:11	Sample ID: GC-5D
Date (Time) Received: 08/27/2015 14:27	Laboratory ID: 5082710-15
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 14:50	Enterolert	NA	10.0	70.0	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 14:47	SM 9221 B-06	20.0	20.0	3000	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 14:47	SM 9221 C, E-06	20.0	20.0	3000	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 12:54	Sample ID: GC-6D
Date (Time) Received: 08/27/2015 14:27	Laboratory ID: 5082710-16
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 14:50	Enterolert	NA	10.0	437	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 14:47	SM 9221 B-06	20.0	20.0	16000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 14:47	SM 9221 C, E-06	20.0	20.0	16000	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 12:44	Sample ID: GC-7D
Date (Time) Received: 08/27/2015 14:27	Laboratory ID: 5082710-17
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 14:50	Enterolert	NA	10.0	816	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 14:47	SM 9221 B-06	20.0	20.0	9000	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 14:47	SM 9221 C, E-06	20.0	20.0	9000	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 12:39	Sample ID: GC-8D
Date (Time) Received: 08/27/2015 14:27	Laboratory ID: 5082710-18
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 14:50	Enterolert	NA	10.0	554	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 14:47	SM 9221 B-06	20.0	20.0	9000	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 14:47	SM 9221 C, E-06	20.0	20.0	9000	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 12:22	Sample ID: GC-9D
Date (Time) Received: 08/27/2015 14:27	Laboratory ID: 5082710-19
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 14:50	Enterolert	NA	10.0	405	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 14:47	SM 9221 B-06	20.0	20.0	3000	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 14:47	SM 9221 C, E-06	20.0	20.0	3000	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 12:11	Sample ID: GC-10D
Date (Time) Received: 08/27/2015 14:27	Laboratory ID: 5082710-20
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 14:50	Enterolert	NA	10.0	156	MPN/100 mL	5.E

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 14:47	SM 9221 B-06	20.0	20.0	2200	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 14:47	SM 9221 C, E-06	20.0	20.0	2200	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 12:04	Sample ID: GC-11D
Date (Time) Received: 08/27/2015 14:27	Laboratory ID: 5082710-21
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 14:50	Enterolert	NA	10.0	20.0	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 14:47	SM 9221 B-06	20.0	20.0	700	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 14:47	SM 9221 C, E-06	20.0	20.0	700	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/27/2015 11:54	Sample ID: GC-12D
Date (Time) Received: 08/27/2015 14:27	Laboratory ID: 5082710-22
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/27/2015 14:50	Enterolert	NA	10.0	30.0	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/27/2015 14:47	SM 9221 B-06	20.0	20.0	2400	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/27/2015 14:47	SM 9221 C, E-06	20.0	20.0	2400	MPN/100 mL	

Date Prepared: 08/27/2015

Preparation Method: Micro-No Prep

Data Qualifiers Key Reference:

- 5.E Level found exceeds the maximum contaminant level (MCL) as set by local, state or federal agencies.
 MDL Minimum Detection Limit
 LOQ Limit of Quantitation

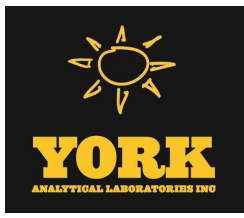


110 Colin Drive • Holbrook, New York 11741 • Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS Cashin Assoc. 1200 Vets Hwy Hempstead NY 11788		CONTACT: Keith Brewer		SAMPLER (SIGNATURE)		SAMPLE(S) SEALED YES / NO		5082710	
PROJECT LOCATION: Grand Canal		PHONE: 631-348-7600		SAMPLER NAME (PRINT)		CORRECT CONTAINER(S)			
EMAIL: kbrewer@cashin.com		FAX:		Andrew Thyberg		YES / NO			
TERMS & CONDITIONS: Accounts are payable in full within thirty days. Outstanding balances accrue service charges of 1.5% per month. Tending of samples to LIAL for analytical testing constitutes agreement by buyer/sampler to LIAL's Standard terms		SAMPLES RECEIVED AT 0.8 °C		ANALYSIS REQUIRED Total Coliform Fecal Coliform Enterococcus					
LABORATORY ID # <small>For Laboratory Use Only</small>	MATRIX	TYPE	PH	RES CHLORINE	DATE	TIME	SAMPLE # LOCATION	# OF CONTAINERS	
1. 082710-01	SWG				8/27/15	11:04am	GC-10	2	
2. 02						10:58am	GC-2C		
3. 03						10:44am	GC-4C		
4. 04						10:52am	GC-5C		
5. 05						10:32am	GC-6C		
6. 06						10:25am	GC-7C		
7. 07						10:18am	GC-8C		
8. 08						10:08am	GC-9C		
9. 09						9:48am	GC-10C		
10. 10						9:41am	GC-11C		
11. 11						9:33am	GC-12C		
12. 12						1:22 pm	GC-1D		
13. 13						1:17pm	GC-2D		
14. 14						1:04pm	GC-3HD		
MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WIPE; PC=PAINT CHIPS; BM=BULK MATERIAL, O=OIL, WW=WASTE WATER		TURNAROUND REQUIRED: <input type="checkbox"/> NORMAL <input type="checkbox"/> STAT		COMMENTS / INSTRUCTIONS Dilute 10x					
RELINQUISHED BY (SIGNATURE) <i>[Signature]</i>		DATE 8/27/15		PRINTED NAME Krista Thyberg		RECEIVED BY (SIGNATURE) <i>[Signature]</i>		DATE 8-27-15	
RELINQUISHED BY (SIGNATURE) <i>[Signature]</i>		TIME 2:10pm		PRINTED NAME Ben Lamberson		RECEIVED BY (SIGNATURE) <i>[Signature]</i>		DATE 8-27-15	
								TIME 2:00p	
								TIME 2:00p	
								PRINTED NAME Ben Lamberson	
								PRINTED NAME Ben Lamberson	

**Wet Event
Laboratory Results**



Technical Report

prepared for:

Cashin Associates, P.C.
1200 Veterans Memorial Parkway #200
Hauppauge NY, 11788
Attention: Keith W. Brewer

Report Date: 08/19/2015
Client Project ID: 14040.1-Grand Canal
York Project (SDG) No.: 15H0318

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 08/19/2015
Client Project ID: 14040.1-Grand Canal
York Project (SDG) No.: 15H0318

Cashin Associates, P.C.
1200 Veterans Memorial Parkway #200
Hauppauge NY, 11788
Attention: Keith W. Brewer

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 11, 2015 and listed below. The project was identified as your project: **14040.1-Grand Canal**.

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 Notes 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 attachment to 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>
15H0318-01	SW-1	Water	08/11/2015	08/11/2015
15H0318-02	SW-2	Water	08/11/2015	08/11/2015
15H0318-03	SW-3	Water	08/11/2015	08/11/2015
15H0318-04	SW-4	Water	08/11/2015	08/11/2015
15H0318-05	SW-5	Water	08/11/2015	08/11/2015
15H0318-06	SW-6	Water	08/11/2015	08/11/2015

General Notes for York Project (SDG) No.: 15H0318

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 samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 08/19/2015





Sample Information

Client Sample ID: SW-1

York Sample ID: 15H0318-01

York Project (SDG) No.
15H0318

Client Project ID
14040.1-Grand Canal

Matrix
Water

Collection Date/Time
August 11, 2015 10:27 am

Date Received
08/11/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		3.50		mg/L	1.00	2.00	1	varies Certifications:	08/19/2015 15:02	08/19/2015 15:39	PAM

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		ND		mg/L	1.00	2.00	1	varies Certifications:	08/19/2015 15:04	08/19/2015 15:45	PAM

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS



Sample Information

Client Sample ID: SW-1

York Sample ID: 15H0318-01

<u>York Project (SDG) No.</u> 15H0318	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 11, 2015 10:27 am	<u>Date Received</u> 08/11/2015
--	---	------------------------	---	------------------------------------

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
67-64-1	Acetone	2.1	SCAL- E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
107-02-8	Acrolein	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
75-15-0	Carbon disulfide	0.24	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS



Sample Information

Client Sample ID: SW-1

York Sample ID: 15H0318-01

<u>York Project (SDG) No.</u> 15H0318	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 11, 2015 10:27 am	<u>Date Received</u> 08/11/2015
--	---	------------------------	---	------------------------------------

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
74-87-3	Chloromethane	0.32	CCV-E , J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	08/14/2015 08:19	08/14/2015 15:52	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	08/14/2015 08:19	08/14/2015 15:52	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS



Sample Information

Client Sample ID: SW-1

York Sample ID: 15H0318-01

<u>York Project (SDG) No.</u> 15H0318	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 11, 2015 10:27 am	<u>Date Received</u> 08/11/2015
--	---	------------------------	---	------------------------------------

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	08/14/2015 08:19	08/14/2015 15:52	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %			69-130						
2037-26-5	Surrogate: Toluene-d8	106 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	116 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/18/2015 06:06	08/18/2015 12:04	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/18/2015 06:06	08/18/2015 12:04	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/18/2015 06:06	08/18/2015 12:04	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH



Sample Information

Client Sample ID: SW-1

York Sample ID: 15H0318-01

<u>York Project (SDG) No.</u> 15H0318	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 11, 2015 10:27 am	<u>Date Received</u> 08/11/2015
--	---	------------------------	---	------------------------------------

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH



Sample Information

Client Sample ID: SW-1

York Sample ID: 15H0318-01

<u>York Project (SDG) No.</u> 15H0318	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 11, 2015 10:27 am	<u>Date Received</u> 08/11/2015
--	---	------------------------	---	------------------------------------

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
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:55	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:55	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:55	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:55	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:55	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:55	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:55	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:55	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:55	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
117-81-7	Bis(2-ethylhexyl)phthalate	1.33		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:55	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH



Sample Information

Client Sample ID: SW-1

York Sample ID: 15H0318-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 10:27 am

08/11/2015

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
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:55	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
206-44-0	Fluoranthene	0.0923		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:55	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:55	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:55	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:55	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:55	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:55	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:55	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:55	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:55	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH



Sample Information

Client Sample ID: SW-1

York Sample ID: 15H0318-01

<u>York Project (SDG) No.</u> 15H0318	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 11, 2015 10:27 am	<u>Date Received</u> 08/11/2015
--	---	------------------------	---	------------------------------------

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
85-01-8	Phenanthrene	0.133		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:55	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:04	KH
129-00-0	Pyrene	0.0821		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:55	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	24.5 %			10-65						
4165-62-2	Surrogate: Phenol-d5	18.5 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	52.9 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	41.0 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	29.9 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	45.4 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND	HT-01R	ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:15	AMC
72-55-9	4,4'-DDE	ND	HT-01R	ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:15	AMC
50-29-3	4,4'-DDT	ND	HT-01R	ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:15	AMC
309-00-2	Aldrin	ND	HT-01R	ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:15	AMC
319-84-6	alpha-BHC	ND	HT-01R	ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:15	AMC
5103-71-9	alpha-Chlordane	ND	HT-01R	ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:15	AMC
319-85-7	beta-BHC	ND	HT-01R	ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:15	AMC
57-74-9	Chlordane, total	ND	HT-01R	ug/L	0.0471	0.0471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:15	AMC
319-86-8	delta-BHC	ND	HT-01R	ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:15	AMC
60-57-1	Dieldrin	ND	HT-01R	ug/L	0.00235	0.00235	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:15	AMC
959-98-8	Endosulfan I	ND	HT-01R	ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:15	AMC
33213-65-9	Endosulfan II	ND	HT-01R	ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:15	AMC



Sample Information

Client Sample ID: SW-1

York Sample ID: 15H0318-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 10:27 am

08/11/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND	HT-01R	ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:15	AMC
72-20-8	Endrin	ND	HT-01R	ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:15	AMC
7421-93-4	Endrin aldehyde	ND	HT-01R	ug/L	0.0118	0.0118	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:15	AMC
53494-70-5	Endrin ketone	ND	HT-01R	ug/L	0.0118	0.0118	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:15	AMC
58-89-9	gamma-BHC (Lindane)	ND	HT-01R	ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:15	AMC
5566-34-7	gamma-Chlordane	ND	HT-01R	ug/L	0.0118	0.0118	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:15	AMC
76-44-8	Heptachlor	ND	HT-01R	ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:15	AMC
1024-57-3	Heptachlor epoxide	ND	HT-01R	ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:15	AMC
72-43-5	Methoxychlor	ND	HT-01R	ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:15	AMC
8001-35-2	Toxaphene	ND	HT-01R	ug/L	0.118	0.118	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:15	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	62.6 %	HT-01R	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	61.2 %	HT-01R	30-120							

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 05:20	08/18/2015 12:23	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 05:20	08/18/2015 12:23	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 05:20	08/18/2015 12:23	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 05:20	08/18/2015 12:23	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	123 %		30-150							

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SW-1

York Sample ID: 15H0318-01

<u>York Project (SDG) No.</u> 15H0318	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 11, 2015 10:27 am	<u>Date Received</u> 08/11/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0800		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	08/18/2015 07:40	08/18/2015 14:56	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0850		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	08/18/2015 07:32	08/18/2015 14:53	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	08/19/2015 15:05	08/19/2015 15:50	PAM

Sample Information

Client Sample ID: SW-2

York Sample ID: 15H0318-02

<u>York Project (SDG) No.</u> 15H0318	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 11, 2015 10:38 am	<u>Date Received</u> 08/11/2015
--	---	------------------------	---	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Nitrogen	ND		mg/L	1.00	2.00	1	varies Certifications:	08/19/2015 15:02	08/19/2015 15:39	PAM

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Nitrogen, Total-Dissolved	ND		mg/L	1.00	2.00	1	varies Certifications:	08/19/2015 15:04	08/19/2015 15:45	PAM

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS



Sample Information

Client Sample ID: SW-2

York Sample ID: 15H0318-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 10:38 am

08/11/2015

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
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS



Sample Information

Client Sample ID: SW-2

York Sample ID: 15H0318-02

<u>York Project (SDG) No.</u> 15H0318	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 11, 2015 10:38 am	<u>Date Received</u> 08/11/2015
--	---	------------------------	---	------------------------------------

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
67-64-1	Acetone	1.9	SCAL- E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
107-02-8	Acrolein	1.1	J	ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
71-43-2	Benzene	0.46	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
74-87-3	Chloromethane	0.27	CCV-E , J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS



Sample Information

Client Sample ID: SW-2

York Sample ID: 15H0318-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 10:38 am

08/11/2015

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,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	08/14/2015 08:19	08/14/2015 16:19	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	08/14/2015 08:19	08/14/2015 16:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
108-88-3	Toluene	0.93		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	08/14/2015 08:19	08/14/2015 16:19	SS



Sample Information

Client Sample ID: SW-2

York Sample ID: 15H0318-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 10:38 am

08/11/2015

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	
Surrogate Recoveries		Result			Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.7 %										
2037-26-5	Surrogate: Toluene-d8	108 %										
460-00-4	Surrogate: p-Bromofluorobenzene	118 %										

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/18/2015 06:06	08/18/2015 12:36	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/18/2015 06:06	08/18/2015 12:36	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/18/2015 06:06	08/18/2015 12:36	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH



Sample Information

Client Sample ID: SW-2

York Sample ID: 15H0318-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 10:38 am

08/11/2015

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
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:26	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:26	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:26	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:26	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH



Sample Information

Client Sample ID: SW-2

York Sample ID: 15H0318-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 10:38 am

08/11/2015

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
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:26	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:26	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:26	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:26	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:26	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
117-81-7	Bis(2-ethylhexyl)phthalate	5.89		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:26	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:26	SR



Sample Information

Client Sample ID: SW-2

York Sample ID: 15H0318-02

<u>York Project (SDG) No.</u> 15H0318	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 11, 2015 10:38 am	<u>Date Received</u> 08/11/2015
--	---	------------------------	---	------------------------------------

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
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:26	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:26	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:26	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:26	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:26	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:26	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:26	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:26	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:26	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 12:36	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:26	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	22.5 %	10-65
4165-62-2	Surrogate: Phenol-d5	17.5 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	48.0 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	37.9 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	30.0 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	46.7 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM



Sample Information

Client Sample ID: SW-2

York Sample ID: 15H0318-02

<u>York Project (SDG) No.</u> 15H0318	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 11, 2015 10:38 am	<u>Date Received</u> 08/11/2015
--	---	------------------------	---	------------------------------------

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:30	AMC
72-55-9	4,4'-DDE	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:30	AMC
50-29-3	4,4'-DDT	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:30	AMC
309-00-2	Aldrin	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:30	AMC
319-84-6	alpha-BHC	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:30	AMC
5103-71-9	alpha-Chlordane	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:30	AMC
319-85-7	beta-BHC	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:30	AMC
57-74-9	Chlordane, total	ND	HT-01R	ug/L	0.0457	0.0457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:30	AMC
319-86-8	delta-BHC	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:30	AMC
60-57-1	Dieldrin	ND	HT-01R	ug/L	0.00229	0.00229	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:30	AMC
959-98-8	Endosulfan I	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:30	AMC
33213-65-9	Endosulfan II	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:30	AMC
1031-07-8	Endosulfan sulfate	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:30	AMC
72-20-8	Endrin	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:30	AMC
7421-93-4	Endrin aldehyde	ND	HT-01R	ug/L	0.0114	0.0114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:30	AMC
53494-70-5	Endrin ketone	ND	HT-01R	ug/L	0.0114	0.0114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:30	AMC
58-89-9	gamma-BHC (Lindane)	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:30	AMC
5566-34-7	gamma-Chlordane	ND	HT-01R	ug/L	0.0114	0.0114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:30	AMC
76-44-8	Heptachlor	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:30	AMC
1024-57-3	Heptachlor epoxide	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:30	AMC
72-43-5	Methoxychlor	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:30	AMC
8001-35-2	Toxaphene	ND	HT-01R	ug/L	0.114	0.114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:30	AMC

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: SW-2

York Sample ID: 15H0318-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 10:38 am

08/11/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	Surrogate: Tetrachloro-m-xylene	51.3 %	HT-01R		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	47.1 %	HT-01R		30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 05:20	08/18/2015 12:38	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 05:20	08/18/2015 12:38	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 05:20	08/18/2015 12:38	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 05:20	08/18/2015 12:38	AMC
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	121 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0870		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	08/18/2015 07:40	08/18/2015 14:56	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.282		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	08/18/2015 07:32	08/18/2015 14:53	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	08/19/2015 15:05	08/19/2015 15:50	PAM



Sample Information

Client Sample ID: SW-3

York Sample ID: 15H0318-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 10:54 am

08/11/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		ND		mg/L	1.00	2.00	1	varies	08/19/2015 15:02	08/19/2015 15:39	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		ND		mg/L	1.00	2.00	1	varies	08/19/2015 15:04	08/19/2015 15:45	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS



Sample Information

Client Sample ID: SW-3

York Sample ID: 15H0318-03

<u>York Project (SDG) No.</u> 15H0318	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 11, 2015 10:54 am	<u>Date Received</u> 08/11/2015
--	---	------------------------	---	------------------------------------

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
78-93-3	2-Butanone	0.21	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
67-64-1	Acetone	1.8	SCAL- E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
107-02-8	Acrolein	1.6	J	ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
75-15-0	Carbon disulfide	0.21	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS



Sample Information

Client Sample ID: SW-3

York Sample ID: 15H0318-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 10:54 am

08/11/2015

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
74-87-3	Chloromethane	0.37	CCV-E , J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	08/14/2015 08:19	08/14/2015 16:46	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	08/14/2015 08:19	08/14/2015 16:46	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS



Sample Information

Client Sample ID: SW-3

York Sample ID: 15H0318-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 10:54 am

08/11/2015

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	08/14/2015 08:19	08/14/2015 16:46	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	69-130								
2037-26-5	Surrogate: Toluene-d8	104 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	114 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/18/2015 06:06	08/18/2015 13:08	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/18/2015 06:06	08/18/2015 13:08	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/18/2015 06:06	08/18/2015 13:08	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH



Sample Information

Client Sample ID: SW-3

York Sample ID: 15H0318-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 10:54 am

08/11/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH



Sample Information

Client Sample ID: SW-3

York Sample ID: 15H0318-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 10:54 am

08/11/2015

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
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:57	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:57	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:57	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:57	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:57	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:57	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:57	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:57	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:57	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
117-81-7	Bis(2-ethylhexyl)phthalate	0.749		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:57	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH



Sample Information

Client Sample ID: SW-3

York Sample ID: 15H0318-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 10:54 am

08/11/2015

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
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:57	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
206-44-0	Fluoranthene	0.0821		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:57	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:57	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:57	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:57	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:57	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:57	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:57	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:57	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:57	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH



Sample Information

Client Sample ID: SW-3

York Sample ID: 15H0318-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 10:54 am

08/11/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:57	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:08	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:57	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	23.4 %			10-65						
4165-62-2	Surrogate: Phenol-d5	17.6 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	49.0 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	36.7 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	24.8 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	34.5 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 14:38	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 14:38	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 14:38	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 14:38	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 14:38	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 14:38	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 14:38	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 14:38	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 14:38	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 14:38	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 14:38	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 14:38	AMC



Sample Information

Client Sample ID: SW-3

York Sample ID: 15H0318-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 10:54 am

08/11/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 14:38	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 14:38	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 14:38	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 14:38	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 14:38	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 14:38	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 14:38	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 14:38	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 14:38	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 14:38	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	32.1 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	21.9 %	30-120								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 05:20	08/18/2015 12:53	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 05:20	08/18/2015 12:53	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 05:20	08/18/2015 12:53	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 05:20	08/18/2015 12:53	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	127 %	30-150								

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SW-3

York Sample ID: 15H0318-03

<u>York Project (SDG) No.</u> 15H0318	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 11, 2015 10:54 am	<u>Date Received</u> 08/11/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0850		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	08/18/2015 07:40	08/18/2015 14:56	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.115		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	08/18/2015 07:32	08/18/2015 14:53	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	08/19/2015 15:05	08/19/2015 15:50	PAM

Sample Information

Client Sample ID: SW-4

York Sample ID: 15H0318-04

<u>York Project (SDG) No.</u> 15H0318	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 11, 2015 11:08 am	<u>Date Received</u> 08/11/2015
--	---	------------------------	---	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Nitrogen	ND		mg/L	1.00	2.00	1	varies Certifications:	08/19/2015 15:02	08/19/2015 15:39	PAM

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Nitrogen, Total-Dissolved	ND		mg/L	1.00	2.00	1	varies Certifications:	08/19/2015 15:04	08/19/2015 15:45	PAM

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS



Sample Information

Client Sample ID: SW-4

York Sample ID: 15H0318-04

<u>York Project (SDG) No.</u> 15H0318	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 11, 2015 11:08 am	<u>Date Received</u> 08/11/2015
--	---	------------------------	---	------------------------------------

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
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS



Sample Information

Client Sample ID: SW-4

York Sample ID: 15H0318-04

<u>York Project (SDG) No.</u> 15H0318	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 11, 2015 11:08 am	<u>Date Received</u> 08/11/2015
--	---	------------------------	---	------------------------------------

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
67-64-1	Acetone	3.1	SCAL- E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
107-02-8	Acrolein	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
74-87-3	Chloromethane	0.36	CCV-E , J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS



Sample Information

Client Sample ID: SW-4

York Sample ID: 15H0318-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 11:08 am

08/11/2015

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,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	08/14/2015 08:19	08/14/2015 17:13	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	08/14/2015 08:19	08/14/2015 17:13	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	08/14/2015 08:19	08/14/2015 17:13	SS



Sample Information

Client Sample ID: SW-4

York Sample ID: 15H0318-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 11:08 am

08/11/2015

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	
Surrogate Recoveries		Result			Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %										
2037-26-5	Surrogate: Toluene-d8	104 %										
460-00-4	Surrogate: p-Bromofluorobenzene	112 %										

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/18/2015 06:06	08/18/2015 13:40	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/18/2015 06:06	08/18/2015 13:40	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/18/2015 06:06	08/18/2015 13:40	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH



Sample Information

Client Sample ID: SW-4

York Sample ID: 15H0318-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 11:08 am

08/11/2015

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
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 15:29	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 15:29	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 15:29	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 15:29	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH



Sample Information

Client Sample ID: SW-4

York Sample ID: 15H0318-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 11:08 am

08/11/2015

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
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 15:29	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 15:29	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 15:29	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 15:29	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 15:29	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
117-81-7	Bis(2-ethylhexyl)phthalate	5.37		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 15:29	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 15:29	SR



Sample Information

Client Sample ID: SW-4

York Sample ID: 15H0318-04

<u>York Project (SDG) No.</u> 15H0318	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 11, 2015 11:08 am	<u>Date Received</u> 08/11/2015
--	---	------------------------	---	------------------------------------

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
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 15:29	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 15:29	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 15:29	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 15:29	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 15:29	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 15:29	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 15:29	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 15:29	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 15:29	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 13:40	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 15:29	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	22.7 %	10-65
4165-62-2	Surrogate: Phenol-d5	17.4 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	47.8 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	35.9 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	26.5 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	42.5 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM



Sample Information

Client Sample ID: SW-4

York Sample ID: 15H0318-04

<u>York Project (SDG) No.</u> 15H0318	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 11, 2015 11:08 am	<u>Date Received</u> 08/11/2015
--	---	------------------------	---	------------------------------------

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND	HT-01R	ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:45	AMC
72-55-9	4,4'-DDE	ND	HT-01R	ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:45	AMC
50-29-3	4,4'-DDT	ND	HT-01R	ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:45	AMC
309-00-2	Aldrin	ND	HT-01R	ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:45	AMC
319-84-6	alpha-BHC	ND	HT-01R	ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:45	AMC
5103-71-9	alpha-Chlordane	ND	HT-01R	ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:45	AMC
319-85-7	beta-BHC	ND	HT-01R	ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:45	AMC
57-74-9	Chlordane, total	ND	HT-01R	ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:45	AMC
319-86-8	delta-BHC	ND	HT-01R	ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:45	AMC
60-57-1	Dieldrin	ND	HT-01R	ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:45	AMC
959-98-8	Endosulfan I	ND	HT-01R	ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:45	AMC
33213-65-9	Endosulfan II	ND	HT-01R	ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:45	AMC
1031-07-8	Endosulfan sulfate	ND	HT-01R	ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:45	AMC
72-20-8	Endrin	ND	HT-01R	ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:45	AMC
7421-93-4	Endrin aldehyde	ND	HT-01R	ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:45	AMC
53494-70-5	Endrin ketone	ND	HT-01R	ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:45	AMC
58-89-9	gamma-BHC (Lindane)	ND	HT-01R	ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:45	AMC
5566-34-7	gamma-Chlordane	ND	HT-01R	ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:45	AMC
76-44-8	Heptachlor	ND	HT-01R	ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:45	AMC
1024-57-3	Heptachlor epoxide	ND	HT-01R	ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:45	AMC
72-43-5	Methoxychlor	ND	HT-01R	ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:45	AMC
8001-35-2	Toxaphene	ND	HT-01R	ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 12:45	AMC

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: SW-4

York Sample ID: 15H0318-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 11:08 am

08/11/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	Surrogate: Tetrachloro-m-xylene	54.4 %	HT-01R		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	51.2 %	HT-01R		30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 05:20	08/18/2015 13:08	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 05:20	08/18/2015 13:08	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 05:20	08/18/2015 13:08	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 05:20	08/18/2015 13:08	AMC
	Surrogate Recoveries	Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	120 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.132		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	08/18/2015 07:40	08/18/2015 14:56	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.597		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	08/18/2015 07:32	08/18/2015 14:53	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	08/19/2015 15:05	08/19/2015 15:50	PAM



Sample Information

Client Sample ID: SW-5

York Sample ID: 15H0318-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 11:18 am

08/11/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		ND		mg/L	1.00	2.00	1	varies	08/19/2015 15:02	08/19/2015 15:39	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		ND		mg/L	1.00	2.00	1	varies	08/19/2015 15:04	08/19/2015 15:45	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS



Sample Information

Client Sample ID: SW-5

York Sample ID: 15H0318-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 11:18 am

08/11/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
107-02-8	Acrolein	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS



Sample Information

Client Sample ID: SW-5

York Sample ID: 15H0318-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 11:18 am

08/11/2015

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
74-87-3	Chloromethane	0.28	CCV-E , J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	08/14/2015 08:19	08/14/2015 17:40	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	08/14/2015 08:19	08/14/2015 17:40	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS



Sample Information

Client Sample ID: SW-5

York Sample ID: 15H0318-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 11:18 am

08/11/2015

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	08/14/2015 08:19	08/14/2015 17:40	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %	69-130								
2037-26-5	Surrogate: Toluene-d8	103 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	116 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/18/2015 06:06	08/18/2015 14:12	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/18/2015 06:06	08/18/2015 14:12	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/18/2015 06:06	08/18/2015 14:12	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH



Sample Information

Client Sample ID: SW-5

York Sample ID: 15H0318-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 11:18 am

08/11/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH



Sample Information

Client Sample ID: SW-5

York Sample ID: 15H0318-05

<u>York Project (SDG) No.</u> 15H0318	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 11, 2015 11:18 am	<u>Date Received</u> 08/11/2015
--	---	------------------------	---	------------------------------------

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
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:00	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:00	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:00	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:00	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:00	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:00	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:00	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:00	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:00	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:00	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH



Sample Information

Client Sample ID: SW-5

York Sample ID: 15H0318-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 11:18 am

08/11/2015

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
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:00	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:00	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:00	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:00	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:00	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:00	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:00	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:00	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:00	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:00	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:00	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:00	SR



Sample Information

Client Sample ID: SW-5

York Sample ID: 15H0318-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 11:18 am

08/11/2015

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
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:00	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:12	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:00	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	23.5 %			10-65						
4165-62-2	Surrogate: Phenol-d5	18.4 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	47.9 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	36.4 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	25.8 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	40.9 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 15:09	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 15:09	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 15:09	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 15:09	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 15:09	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 15:09	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 15:09	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 15:09	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 15:09	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 15:09	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 15:09	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 15:09	AMC



Sample Information

Client Sample ID: SW-5

York Sample ID: 15H0318-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 11:18 am

08/11/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 15:09	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 15:09	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 15:09	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 15:09	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 15:09	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 15:09	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 15:09	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 15:09	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 15:09	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:04	08/18/2015 15:09	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	36.8 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	25.2 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 05:20	08/18/2015 13:23	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 05:20	08/18/2015 13:23	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 05:20	08/18/2015 13:23	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 05:20	08/18/2015 13:23	AMC
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	105 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SW-5					York Sample ID: 15H0318-05
<u>York Project (SDG) No.</u> 15H0318	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 11, 2015 11:18 am	<u>Date Received</u> 08/11/2015	

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0800		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	08/18/2015 07:40	08/18/2015 14:56	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.140		mg/L	0.0500	0.0500	1	SM 4500-P B5/E	08/18/2015 07:32	08/18/2015 14:53	SC
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97	08/19/2015 15:05	08/19/2015 15:50	PAM
Certifications:											

Sample Information

Client Sample ID: SW-6					York Sample ID: 15H0318-06
<u>York Project (SDG) No.</u> 15H0318	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 11, 2015 11:33 am	<u>Date Received</u> 08/11/2015	

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Nitrogen	2.40		mg/L	1.00	2.00	1	varies	08/19/2015 15:02	08/19/2015 15:39	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Nitrogen, Total-Dissolved	ND		mg/L	1.00	2.00	1	varies	08/19/2015 15:04	08/19/2015 15:45	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	08/14/2015 08:19	08/14/2015 18:07	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: SW-6

York Sample ID: 15H0318-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 11:33 am

08/11/2015

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
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS



Sample Information

Client Sample ID: SW-6

York Sample ID: 15H0318-06

<u>York Project (SDG) No.</u> 15H0318	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 11, 2015 11:33 am	<u>Date Received</u> 08/11/2015
--	---	------------------------	---	------------------------------------

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
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
107-02-8	Acrolein	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
74-87-3	Chloromethane	0.35	CCV-E , J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS



Sample Information

Client Sample ID: SW-6

York Sample ID: 15H0318-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 11:33 am

08/11/2015

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,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	08/14/2015 08:19	08/14/2015 18:07	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	08/14/2015 08:19	08/14/2015 18:07	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	08/14/2015 08:19	08/14/2015 18:07	SS



Sample Information

Client Sample ID: SW-6

York Sample ID: 15H0318-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 11:33 am

08/11/2015

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	
Surrogate Recoveries		Result			Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	115 %			2.56	5.13	1	EPA 8270D	08/18/2015 06:06	08/18/2015 14:45	KH	
2037-26-5	Surrogate: Toluene-d8	103 %			2.56	5.13	1	EPA 8270D	08/18/2015 06:06	08/18/2015 14:45	KH	
460-00-4	Surrogate: p-Bromofluorobenzene	110 %			2.56	5.13	1	EPA 8270D	08/18/2015 06:06	08/18/2015 14:45	KH	

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/18/2015 06:06	08/18/2015 14:45	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/18/2015 06:06	08/18/2015 14:45	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	08/18/2015 06:06	08/18/2015 14:45	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH



Sample Information

Client Sample ID: SW-6

York Sample ID: 15H0318-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 11:33 am

08/11/2015

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
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:31	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:31	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:31	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:31	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH



Sample Information

Client Sample ID: SW-6

York Sample ID: 15H0318-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 11:33 am

08/11/2015

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
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:31	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:31	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:31	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:31	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:31	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
117-81-7	Bis(2-ethylhexyl)phthalate	0.533		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:31	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:31	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:31	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:31	SR



Sample Information

Client Sample ID: SW-6

York Sample ID: 15H0318-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0318

14040.1-Grand Canal

Water

August 11, 2015 11:33 am

08/11/2015

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
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:31	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:31	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:31	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:31	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:31	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:31	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:31	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:31	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:31	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:31	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 14:45	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 06:06	08/18/2015 16:31	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	22.4 %	10-65
4165-62-2	Surrogate: Phenol-d5	16.3 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	46.8 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	36.0 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	27.4 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	46.7 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM



Sample Information

Client Sample ID: SW-6

York Sample ID: 15H0318-06

<u>York Project (SDG) No.</u> 15H0318	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 11, 2015 11:33 am	<u>Date Received</u> 08/11/2015
--	---	------------------------	---	------------------------------------

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 13:00	AMC
72-55-9	4,4'-DDE	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 13:00	AMC
50-29-3	4,4'-DDT	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 13:00	AMC
309-00-2	Aldrin	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 13:00	AMC
319-84-6	alpha-BHC	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 13:00	AMC
5103-71-9	alpha-Chlordane	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 13:00	AMC
319-85-7	beta-BHC	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 13:00	AMC
57-74-9	Chlordane, total	ND	HT-01R	ug/L	0.0457	0.0457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 13:00	AMC
319-86-8	delta-BHC	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 13:00	AMC
60-57-1	Dieldrin	ND	HT-01R	ug/L	0.00229	0.00229	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 13:00	AMC
959-98-8	Endosulfan I	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 13:00	AMC
33213-65-9	Endosulfan II	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 13:00	AMC
1031-07-8	Endosulfan sulfate	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 13:00	AMC
72-20-8	Endrin	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 13:00	AMC
7421-93-4	Endrin aldehyde	ND	HT-01R	ug/L	0.0114	0.0114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 13:00	AMC
53494-70-5	Endrin ketone	ND	HT-01R	ug/L	0.0114	0.0114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 13:00	AMC
58-89-9	gamma-BHC (Lindane)	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 13:00	AMC
5566-34-7	gamma-Chlordane	ND	HT-01R	ug/L	0.0114	0.0114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 13:00	AMC
76-44-8	Heptachlor	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 13:00	AMC
1024-57-3	Heptachlor epoxide	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 13:00	AMC
72-43-5	Methoxychlor	ND	HT-01R	ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 13:00	AMC
8001-35-2	Toxaphene	ND	HT-01R	ug/L	0.114	0.114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/19/2015 05:53	08/19/2015 13:00	AMC

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: SW-6					York Sample ID: 15H0318-06
<u>York Project (SDG) No.</u> 15H0318	<u>Client Project ID</u> 14040.1-Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 11, 2015 11:33 am	<u>Date Received</u> 08/11/2015	

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	Surrogate: Tetrachloro-m-xylene	55.7 %	HT-01R		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	49.4 %	HT-01R		30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 05:20	08/18/2015 13:38	AMC
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 05:20	08/18/2015 13:38	AMC
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 05:20	08/18/2015 13:38	AMC
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A m Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2015 05:20	08/18/2015 13:38	AMC
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	103 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.0720		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	08/18/2015 07:40	08/18/2015 14:56	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.100		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	08/18/2015 07:32	08/18/2015 14:53	SC

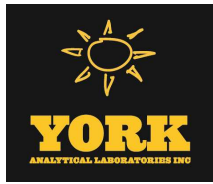
Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	08/19/2015 15:05	08/19/2015 15:50	PAM



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15H0318-01	SW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0318-02	SW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0318-03	SW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0318-04	SW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0318-05	SW-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0318-06	SW-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

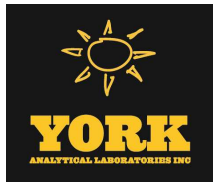


Notes and Definitions

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-01R	This flag indicates that the sample was initially analyzed within recommended hold time and that a re-run was performed outside of the hold time.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

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

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



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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



YORK
ANALYTICAL LABORATORIES INC

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 15H0318

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type	
Company: <u>Cash. Assol.</u>		Company: <u>Same</u>		Company: <u>Same</u>		Purchase Order No.		RUSH - Same Day <input type="checkbox"/>		Summary Report <input checked="" type="checkbox"/>	
Address: <u>1200 Veterans Hwy</u> <u>Hempstead, NY 11778</u>		Address: <u>Same</u>		Address: <u>Same</u>				RUSH - Next Day <input type="checkbox"/>		RUSH - Two Day <input type="checkbox"/>	
Phone No. <u>631-348-7600</u>		Phone No.		Phone No.		Samples from: CT <input type="checkbox"/> NY <input type="checkbox"/> NJ <input type="checkbox"/>		RUSH - Three Day <input type="checkbox"/>		CT RCP Package <input type="checkbox"/>	
Contact Person: <u>Kath Brewer</u>		Attention:		Attention:				RUSH - Four Day <input type="checkbox"/>		CTRCP DQA/DUE Pkg <input type="checkbox"/>	
E-Mail Address: <u>KBREWER@YORK-PC.COM</u>		E-Mail Address:		E-Mail Address:		Standard(5-7 Days) <input checked="" type="checkbox"/>		NY ASP B Package <input type="checkbox"/>		NIDEP Red. Deliv. <input type="checkbox"/>	

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

Samples Collected/Authorized By (Signature)
Andrew Thyberg
Name (printed)

Matrix Codes

S - soil

Other - specify (oil, etc.)

WW - wastewater

GW - groundwater

DW - drinking water

Air-A - ambient air

Air-SV - soil vapor

Volatiles	Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri. Poll.	Corrosivity
624 Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list 524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxin/Furans	BTU/lb.
Arom. only 502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog. only NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App. IX list SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSEDC Sewer	Asbestos
8021B list	SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SW-1	8/11 10:27	Salt Water	Herb; Pest; Nitrate + Nitrite (Dissolved)	(3) 40 ml
SW-2	8/11 10:38	↓	Total Phosphorus + Phosphorus (Dissolved)	(4) 1000 ml amber
SW-3	8/11 10:54		SVOC; VOC; Total Kjeldahl (Soluble)	(1) 500 ml plastic
SW-4	8/11 11:08			(1) 250 ml plastic
SW-5	8/11 11:18			(1) 100 ml plastic
SW-6	8/11 11:33			

Page 64 of 64

Comments

Preservation Check those Applicable Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>	4°C <input type="checkbox"/> Frozen <input type="checkbox"/>	HCl <input type="checkbox"/>	MeOH <input type="checkbox"/>	HNO ₃ <input type="checkbox"/>	H ₂ SO ₄ <input type="checkbox"/>	NaOH <input type="checkbox"/>	Temperature on Receipt <u>5.2°C</u>
	ZnAc <input type="checkbox"/>	Ascorbic Acid <input type="checkbox"/>	Other <input type="checkbox"/>	8/11 11:15 AM Samples Relinquished By <u>KB</u> Date/Time Samples Received By <u>JK</u> Date/Time			
	Samples Relinquished By <u>KB</u> 8-11-15 Date/Time			Samples Received in LAB by <u>JK</u> 8/11/15 1700 Date/Time			



**LONG
ISLAND
ANALYTICAL
LABORATORIES INC.**

"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

Laboratory Report

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

LIAL# 5081114

August 14, 2015

Cashin Associates
Keith Brewer
1200 Veterans Highway
Hauppauge, NY 11787

Re: Grand Canal

Dear Keith Brewer,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on August 11, 2015. Long Island Analytical laboratories analyzed the samples on August 13, 2015 for the following:

SAMPLE ID	ANALYSIS
SW-1	Enterococci, Fecal Coliform, Total Coliform
SW-2	Enterococci, Fecal Coliform, Total Coliform
SW-3	Enterococci, Fecal Coliform, Total Coliform
SW-4	Enterococci, Fecal Coliform, Total Coliform
SW-5	Enterococci, Fecal Coliform, Total Coliform
SW-6	Enterococci, Fecal Coliform, Total Coliform

Samples received at 1.4 ° C

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

Long Island Analytical Laboratories, Inc.

Michael Veraldi - Laboratory Director

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/11/2015 10:27	Sample ID: SW-1
Date (Time) Received: 08/11/2015 15:07	Laboratory ID: 5081114-01
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/13/2015 11:32	Enterolert	NA	10.0	275	MPN/100 mL	5.E

Date Prepared: 08/11/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/11/2015 15:33	SM 9221 B-06	20.0	20.0	2200	MPN/100 mL	5.E

Date Prepared: 08/11/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/11/2015 15:33	SM 9221 C, E-06	20.0	20.0	300	MPN/100 mL	

Date Prepared: 08/11/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/11/2015 10:38	Sample ID: SW-2
Date (Time) Received: 08/11/2015 15:07	Laboratory ID: 5081114-02
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/13/2015 11:32	Enterolert	NA	10.0	1250	MPN/100 mL	5.E

Date Prepared: 08/11/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/11/2015 15:33	SM 9221 B-06	20.0	20.0	5400	MPN/100 mL	5.E

Date Prepared: 08/11/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/11/2015 15:33	SM 9221 C, E-06	20.0	20.0	5400	MPN/100 mL	5.E

Date Prepared: 08/11/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/11/2015 10:54	Sample ID: SW-3
Date (Time) Received: 08/11/2015 15:07	Laboratory ID: 5081114-03
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/13/2015 11:32	Enterolert	NA	10.0	323	MPN/100 mL	5.E

Date Prepared: 08/11/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/11/2015 15:33	SM 9221 B-06	20.0	20.0	1300	MPN/100 mL	5.E

Date Prepared: 08/11/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/11/2015 15:33	SM 9221 C, E-06	20.0	20.0	1300	MPN/100 mL	5.E

Date Prepared: 08/11/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/11/2015 11:08	Sample ID: SW-4
Date (Time) Received: 08/11/2015 15:07	Laboratory ID: 5081114-04
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/13/2015 11:32	Enterolert	NA	10.0	576	MPN/100 mL	5.E

Date Prepared: 08/11/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/11/2015 15:33	SM 9221 B-06	20.0	20.0	2400	MPN/100 mL	5.E

Date Prepared: 08/11/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/11/2015 15:33	SM 9221 C, E-06	20.0	20.0	500	MPN/100 mL	

Date Prepared: 08/11/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/11/2015 11:18	Sample ID: SW-5
Date (Time) Received: 08/11/2015 15:07	Laboratory ID: 5081114-05
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/13/2015 11:32	Enterolert	NA	10.0	801	MPN/100 mL	5.E

Date Prepared: 08/11/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/11/2015 15:33	SM 9221 B-06	20.0	20.0	1400	MPN/100 mL	5.E

Date Prepared: 08/11/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/11/2015 15:33	SM 9221 C, E-06	20.0	20.0	700	MPN/100 mL	

Date Prepared: 08/11/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 08/11/2015 11:33	Sample ID: SW-6
Date (Time) Received: 08/11/2015 15:07	Laboratory ID: 5081114-06
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	08/13/2015 11:32	Enterolert	NA	10.0	620	MPN/100 mL	5.E

Date Prepared: 08/11/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	08/11/2015 15:33	SM 9221 B-06	20.0	20.0	700	MPN/100 mL	

Date Prepared: 08/11/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	08/11/2015 15:33	SM 9221 C, E-06	20.0	20.0	700	MPN/100 mL	

Date Prepared: 08/11/2015

Preparation Method: Micro-No Prep

Data Qualifiers Key Reference:

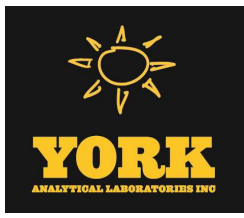
- 5.E Level found exceeds the maximum contaminant level (MCL) as set by local, state or federal agencies.
 MDL Minimum Detection Limit
 LOQ Limit of Quantitation



CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS Cashing Associates 1200 Vets Hwy Hopkange, NY 11780		CONTACT: KATH BREWER PHONE: 631-348-7600 FAX: EMAIL: KBREWER@ca-pl.com		SAMPLER (SIGNATURE) [Signature] SAMPLER NAME (PRINT) A. Thyberg		SAMPLE(S) SEALED YES / NO CORRECT CONTAINER(S) YES / NO		5081114			
PROJECT LOCATION: Grand Canal		SAMPLES RECEIVED AT 1.4°C		ANALYSIS REQUIRED Total Coliforms Total G+ Bacillus Total G- Bacillus		# OF CONTAINERS 2					
TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month. Tending of samples to LIAL for analytical testing constitutes agreement by buyer/sampler to LIAL's Standard Terms											
LABORATORY ID #	MATRIX	TYPE	pH	RES. CHLORINE	DATE	TIME	SAMPLE # LOCATION	ANALYSIS REQUIRED	# OF CONTAINERS		
1. 18114-01	SW				9/11	10:27	SW-1	X	2		
2. 02						10:38	SW-2	X			
3. 03						10:54	SW-3	X			
4. 04						11:08	SW-4	X			
5. 05						11:30	SW-5	X			
6. 06						11:35	SW-6	X			
7.											
8.											
9.											
10.											
11.											
12.											
13.											
14.											
MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WASTE WATER PC=PAINT CHIPS; BM=BULK MATERIAL; O=OIL; WW=WASTE WATER TYPE: G=GRAB; C=COMPOSITE; SS=SPLIT SPOON PRES: (1) ICE; (2) HCL; (3) H ₂ SO ₄ ; (4) NaOH; (5) Na ₂ S ₂ O ₃ ; (6) HNO ₃ ; (7) OTHER BY / / TURNAROUND REQUIRED: <input checked="" type="checkbox"/> NORMAL <input type="checkbox"/> STAT COMMENTS / INSTRUCTIONS: Higher Dilution TOTAL / FECA / ENTEROCOCCI											
RELINQUISHED BY (SIGNATURE) [Signature]		DATE 8/11/15 TIME 2:55 pm		PRINTED NAME Krista Thyberg		RECEIVED BY (SIGNATURE) [Signature]		DATE 8-11-15 TIME 2:37 PM		PRINTED NAME Ben Lamberson	
RELINQUISHED BY (SIGNATURE) [Signature]		DATE TIME		PRINTED NAME		RECEIVED BY (SIGNATURE) [Signature]		DATE 8-11-15 TIME 3:07 PM		PRINTED NAME Ben Lamberson	

Dry Event
Laboratory Results



Technical Report

prepared for:

Cashin Associates, P.C.
1200 Veterans Memorial Highway, 2nd Floor
Hauppauge NY, 11788
Attention: Keith W. Brewer

Report Date: 09/15/2015
Client Project ID: Grand Canal
York Project (SDG) No.: 15I0122

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 09/15/2015
Client Project ID: Grand Canal
York Project (SDG) No.: 15I0122

Cashin Associates, P.C.
1200 Veterans Memorial Highway, 2nd Floor
Hauppauge NY, 11788
Attention: Keith W. Brewer

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 03, 2015 and listed below. The project was identified as your project: **Grand Canal**.

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 Notes 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 attachment to 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>
15I0122-01	SW 1	Water	09/03/2015	09/03/2015
15I0122-02	SW 2	Water	09/03/2015	09/03/2015
15I0122-03	SW 3	Water	09/03/2015	09/03/2015
15I0122-04	SW 4	Water	09/03/2015	09/03/2015
15I0122-05	SW 5	Water	09/03/2015	09/03/2015
15I0122-06	SW 6	Water	09/03/2015	09/03/2015

General Notes for York Project (SDG) No.: 15I0122

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 samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 09/15/2015





Sample Information

Client Sample ID: SW 1

York Sample ID: 1510122-01

<u>York Project (SDG) No.</u> 1510122	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> September 3, 2015 10:00 am	<u>Date Received</u> 09/03/2015
--	---	------------------------	---	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		3.10		mg/L	1.00	1.20	1	varies	09/15/2015 15:04	09/15/2015 16:32	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		3.00		mg/L	1.00	1.20	1	varies	09/15/2015 15:06	09/15/2015 16:34	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS



Sample Information

Client Sample ID: SW 1

York Sample ID: 1510122-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:00 am

09/03/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
107-02-8	Acrolein	7.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS



Sample Information

Client Sample ID: SW 1

York Sample ID: 1510122-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:00 am

09/03/2015

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
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/10/2015 16:35	09/11/2015 04:11	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/10/2015 16:35	09/11/2015 04:11	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
75-65-0	tert-Butyl alcohol (TBA)	0.81	SCAL- E, J	ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
108-88-3	Toluene	1.0		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS



Sample Information

Client Sample ID: SW 1

York Sample ID: 1510122-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:00 am

09/03/2015

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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/10/2015 16:35	09/11/2015 04:11	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %			69-130						
2037-26-5	Surrogate: Toluene-d8	109 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	97.9 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854	09/10/2015 06:48	09/12/2015 02:11	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854	09/10/2015 06:48	09/12/2015 02:11	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854	09/10/2015 06:48	09/12/2015 02:11	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH



Sample Information

Client Sample ID: SW 1

York Sample ID: 1510122-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:00 am

09/03/2015

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
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 19:56	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 19:56	SR
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
62-53-3	Aniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 19:56	SR
1912-24-9	Atrazine	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH



Sample Information

Client Sample ID: SW 1

York Sample ID: 1510122-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:00 am

09/03/2015

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
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
92-87-5	Benzidine	ND		ug/L	10.5	21.1	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 19:56	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 19:56	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 19:56	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 19:56	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 19:56	SR
65-85-0	Benzoic acid	ND		ug/L	26.3	52.6	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
117-81-7	Bis(2-ethylhexyl)phthalate	2.53		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 19:56	SR
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 19:56	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 19:56	SR
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 19:56	SR



Sample Information

Client Sample ID: SW 1

York Sample ID: 1510122-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:00 am

09/03/2015

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
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 19:56	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 19:56	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 19:56	SR
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
91-20-3	Naphthalene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 19:56	SR
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 19:56	SR
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 19:56	SR
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:11	KH
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 19:56	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	34.3 %	10-65
4165-62-2	Surrogate: Phenol-d5	19.6 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	73.1 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	54.0 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	68.2 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	71.4 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

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



Sample Information

Client Sample ID: SW 1

York Sample ID: 1510122-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:00 am

09/03/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:11	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:11	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:11	AMC
309-00-2	Aldrin	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:11	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:11	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:11	AMC
319-85-7	beta-BHC	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:11	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0457	0.0457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:11	AMC
319-86-8	delta-BHC	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:11	AMC
60-57-1	Dieldrin	ND		ug/L	0.00229	0.00229	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:11	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:11	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:11	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:11	AMC
72-20-8	Endrin	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:11	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0114	0.0114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:11	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0114	0.0114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:11	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:11	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0114	0.0114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:11	AMC
76-44-8	Heptachlor	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:11	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:11	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:11	AMC
8001-35-2	Toxaphene	ND		ug/L	0.114	0.114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:11	AMC

Surrogate Recoveries

Result

Acceptance Range

877-09-8

Surrogate: Tetrachloro-m-xylene

58.1 %

30-120



Sample Information

Client Sample ID: SW 1

York Sample ID: 1510122-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:00 am

09/03/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	39.6 %			30-120						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/09/2015 05:47	09/09/2015 15:28	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/09/2015 05:47	09/09/2015 15:28	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/09/2015 05:47	09/09/2015 15:28	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/09/2015 05:47	09/09/2015 15:28	SA
	Surrogate Recoveries	Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L)	62.4 %			30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.224		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/15/2015 08:54	09/15/2015 13:43	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.175		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/14/2015 09:09	09/14/2015 14:12	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/15/2015 15:07	09/15/2015 16:36	PAM



Sample Information

Client Sample ID: SW 2

York Sample ID: 1510122-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:15 am

09/03/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.30		mg/L	1.00	1.20	1	varies	09/15/2015 15:04	09/15/2015 16:32	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		2.40		mg/L	1.00	1.20	1	varies	09/15/2015 15:06	09/15/2015 16:34	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS



Sample Information

Client Sample ID: SW 2

York Sample ID: 1510122-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:15 am

09/03/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
67-64-1	Acetone	1.8	J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS



Sample Information

Client Sample ID: SW 2

York Sample ID: 1510122-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:15 am

09/03/2015

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
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/10/2015 16:35	09/11/2015 04:46	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/10/2015 16:35	09/11/2015 04:46	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
75-65-0	tert-Butyl alcohol (TBA)	0.87	SCAL- E, J	ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS



Sample Information

Client Sample ID: SW 2

York Sample ID: 15I0122-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15I0122

Grand Canal

Water

September 3, 2015 10:15 am

09/03/2015

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
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/10/2015 16:35	09/11/2015 04:46	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %			69-130						
2037-26-5	Surrogate: Toluene-d8	101 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	95.6 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/10/2015 06:48	09/12/2015 02:43	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/10/2015 06:48	09/12/2015 02:43	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/10/2015 06:48	09/12/2015 02:43	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH



Sample Information

Client Sample ID: SW 2

York Sample ID: 1510122-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:15 am

09/03/2015

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	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 20:27	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 20:27	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH



Sample Information

Client Sample ID: SW 2

York Sample ID: 1510122-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:15 am

09/03/2015

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
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 20:27	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 20:27	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 20:27	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 20:27	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 20:27	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
117-81-7	Bis(2-ethylhexyl)phthalate	4.15		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 20:27	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 20:27	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 20:27	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 20:27	SR



Sample Information

Client Sample ID: SW 2

York Sample ID: 15I0122-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15I0122

Grand Canal

Water

September 3, 2015 10:15 am

09/03/2015

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
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 20:27	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 20:27	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 02:43	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 20:27	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	26.1 %	10-65
4165-62-2	Surrogate: Phenol-d5	17.7 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	70.9 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	52.2 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	63.3 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	67.7 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:26	AMC



Sample Information

Client Sample ID: SW 2

York Sample ID: 1510122-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:15 am

09/03/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:26	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:26	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:26	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:26	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:26	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:26	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:26	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:26	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:26	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:26	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:26	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:26	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:26	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:26	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:26	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:26	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:26	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:26	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:26	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:26	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:26	AMC

Surrogate Recoveries

Result

Acceptance Range

877-09-8 *Surrogate: Tetrachloro-m-xylene*

56.8 %

30-120

2051-24-3 *Surrogate: Decachlorobiphenyl*

41.3 %

30-120



Sample Information

Client Sample ID: SW 2

York Sample ID: 1510122-02

<u>York Project (SDG) No.</u> 1510122	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> September 3, 2015 10:15 am	<u>Date Received</u> 09/03/2015
--	---	------------------------	---	------------------------------------

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/09/2015 05:47	09/09/2015 15:43	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/09/2015 05:47	09/09/2015 15:43	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/09/2015 05:47	09/09/2015 15:43	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/09/2015 05:47	09/09/2015 15:43	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 66.2 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.138		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/15/2015 08:54	09/15/2015 13:43	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0870		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/14/2015 09:09	09/14/2015 14:12	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/15/2015 15:07	09/15/2015 16:36	PAM

Sample Information

Client Sample ID: SW 3

York Sample ID: 1510122-03

<u>York Project (SDG) No.</u> 1510122	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> September 3, 2015 10:27 am	<u>Date Received</u> 09/03/2015
--	---	------------------------	---	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SW 3

York Sample ID: 15I0122-03

<u>York Project (SDG) No.</u> 15I0122	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> September 3, 2015 10:27 am	<u>Date Received</u> 09/03/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Nitrogen	2.90		mg/L	1.00	1.20	1	varies	09/15/2015 15:04	09/15/2015 16:32	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Nitrogen, Total-Dissolved	2.00		mg/L	1.00	1.20	1	varies	09/15/2015 15:06	09/15/2015 16:34	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS



Sample Information

Client Sample ID: SW 3

York Sample ID: 1510122-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:27 am

09/03/2015

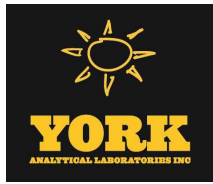
Volatile Organics, 8260 - Comprehensive

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
107-02-8	Acrolein	2.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS



Sample Information

Client Sample ID: SW 3

York Sample ID: 1510122-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:27 am

09/03/2015

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
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/10/2015 16:35	09/11/2015 05:20	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/10/2015 16:35	09/11/2015 05:20	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
75-65-0	tert-Butyl alcohol (TBA)	0.71	SCAL-E, J	ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS



Sample Information

Client Sample ID: SW 3

York Sample ID: 1510122-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:27 am

09/03/2015

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/10/2015 16:35	09/11/2015 05:20	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %			69-130						
2037-26-5	Surrogate: Toluene-d8	99.6 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	96.3 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854	09/10/2015 06:48	09/12/2015 03:16	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854	09/10/2015 06:48	09/12/2015 03:16	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854	09/10/2015 06:48	09/12/2015 03:16	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH



Sample Information

Client Sample ID: SW 3

York Sample ID: 15I0122-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15I0122

Grand Canal

Water

September 3, 2015 10:27 am

09/03/2015

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
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 22:30	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 22:30	SR
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
62-53-3	Aniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 22:30	SR
1912-24-9	Atrazine	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
92-87-5	Benzidine	ND		ug/L	10.5	21.1	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH



Sample Information

Client Sample ID: SW 3

York Sample ID: 1510122-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:27 am

09/03/2015

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
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 22:30	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 22:30	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 22:30	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 22:30	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 22:30	SR
65-85-0	Benzoic acid	ND		ug/L	26.3	52.6	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
117-81-7	Bis(2-ethylhexyl)phthalate	90.3		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH



Sample Information

Client Sample ID: SW 3

York Sample ID: 15I0122-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15I0122

Grand Canal

Water

September 3, 2015 10:27 am

09/03/2015

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
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 22:30	SR
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
91-20-3	Naphthalene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 22:30	SR
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 22:30	SR
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 22:30	SR
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:16	KH
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 22:30	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	28.3 %	10-65
4165-62-2	Surrogate: Phenol-d5	17.3 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	59.7 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	52.4 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	67.0 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	55.5 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:41	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:41	AMC



Sample Information

Client Sample ID: SW 3

York Sample ID: 1510122-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:27 am

09/03/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:41	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:41	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:41	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:41	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:41	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:41	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:41	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:41	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:41	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:41	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:41	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:41	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:41	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:41	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:41	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:41	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:41	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:41	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:41	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:41	AMC
	Surrogate Recoveries	Result						Acceptance Range			
877-09-8	Surrogate: Tetrachloro-m-xylene	70.3 %						30-120			
2051-24-3	Surrogate: Decachlorobiphenyl	57.6 %						30-120			

Herbicides, Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SW 3

York Sample ID: 1510122-03

<u>York Project (SDG) No.</u> 1510122	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> September 3, 2015 10:27 am	<u>Date Received</u> 09/03/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/09/2015 05:47	09/09/2015 15:58	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/09/2015 05:47	09/09/2015 15:58	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/09/2015 05:47	09/09/2015 15:58	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/09/2015 05:47	09/09/2015 15:58	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 67.4 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.149		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/15/2015 08:54	09/15/2015 13:43	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.320		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/14/2015 09:09	09/14/2015 14:12	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/15/2015 15:07	09/15/2015 16:36	PAM

Sample Information

Client Sample ID: SW 4

York Sample ID: 1510122-04

<u>York Project (SDG) No.</u> 1510122	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> September 3, 2015 10:43 am	<u>Date Received</u> 09/03/2015
--	---	------------------------	---	------------------------------------

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

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



Sample Information

Client Sample ID: SW 4

York Sample ID: 1510122-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:43 am

09/03/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total Nitrogen		2.20		mg/L	1.00	1.20	1	varies	09/15/2015 15:04	09/15/2015 16:32	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Nitrogen, Total-Dissolved		2.40		mg/L	1.00	1.20	1	varies	09/15/2015 15:06	09/15/2015 16:34	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
95-63-6	1,2,4-Trimethylbenzene	0.26	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS



Sample Information

Client Sample ID: SW 4

York Sample ID: 1510122-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:43 am

09/03/2015

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
107-02-8	Acrolein	2.7		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
71-43-2	Benzene	0.25	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS



Sample Information

Client Sample ID: SW 4

York Sample ID: 1510122-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:43 am

09/03/2015

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
95-47-6	o-Xylene	0.26	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/10/2015 16:35	09/11/2015 05:54	SS
179601-23-1	p- & m- Xylenes	0.66	J	ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/10/2015 16:35	09/11/2015 05:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
108-88-3	Toluene	1.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS



Sample Information

Client Sample ID: SW 4

York Sample ID: 1510122-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:43 am

09/03/2015

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
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
1330-20-7	* Xylenes, Total	0.92	J	ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/10/2015 16:35	09/11/2015 05:54	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %			69-130						
2037-26-5	Surrogate: Toluene-d8	102 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	95.9 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/10/2015 06:48	09/12/2015 03:49	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/10/2015 06:48	09/12/2015 03:49	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/10/2015 06:48	09/12/2015 03:49	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH



Sample Information

Client Sample ID: SW 4

York Sample ID: 1510122-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:43 am

09/03/2015

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
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:01	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:01	SR



Sample Information

Client Sample ID: SW 4

York Sample ID: 15I0122-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15I0122

Grand Canal

Water

September 3, 2015 10:43 am

09/03/2015

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
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:01	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:01	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:01	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:01	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:01	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
117-81-7	Bis(2-ethylhexyl)phthalate	2.75		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:01	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH



Sample Information

Client Sample ID: SW 4

York Sample ID: 15I0122-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15I0122

Grand Canal

Water

September 3, 2015 10:43 am

09/03/2015

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
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:01	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:01	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:01	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
91-20-3	Naphthalene	0.862		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:01	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 03:49	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	16.6 %	10-65
4165-62-2	Surrogate: Phenol-d5	14.7 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	50.5 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	40.7 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	59.1 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	62.0 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SW 4

York Sample ID: 1510122-04

<u>York Project (SDG) No.</u> 1510122	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> September 3, 2015 10:43 am	<u>Date Received</u> 09/03/2015
--	---	------------------------	---	------------------------------------

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:56	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:56	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:56	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:56	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:56	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:56	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:56	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:56	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:56	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:56	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:56	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:56	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:56	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:56	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:56	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:56	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:56	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:56	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:56	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:56	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:56	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 19:56	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	Surrogate: Tetrachloro-m-xylene	64.2 %	30-120
2051-24-3	Surrogate: Decachlorobiphenyl	49.8 %	30-120



Sample Information

Client Sample ID: SW 4

York Sample ID: 15I0122-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15I0122

Grand Canal

Water

September 3, 2015 10:43 am

09/03/2015

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/09/2015 05:47	09/09/2015 16:13	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/09/2015 05:47	09/09/2015 16:13	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/09/2015 05:47	09/09/2015 16:13	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/09/2015 05:47	09/09/2015 16:13	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 74.2 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.164		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/15/2015 08:54	09/15/2015 13:43	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.115		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/14/2015 09:09	09/14/2015 14:12	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/15/2015 15:07	09/15/2015 16:36	PAM

Sample Information

Client Sample ID: SW 5

York Sample ID: 15I0122-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15I0122

Grand Canal

Water

September 3, 2015 10:34 am

09/03/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SW 5

York Sample ID: 1510122-05

<u>York Project (SDG) No.</u> 1510122	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> September 3, 2015 10:34 am	<u>Date Received</u> 09/03/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Nitrogen	2.00		mg/L	1.00	1.20	1	varies	09/15/2015 15:04	09/15/2015 16:32	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Nitrogen, Total-Dissolved	2.30		mg/L	1.00	1.20	1	varies	09/15/2015 15:06	09/15/2015 16:34	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS



Sample Information

Client Sample ID: SW 5

York Sample ID: 15I0122-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15I0122

Grand Canal

Water

September 3, 2015 10:34 am

09/03/2015

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
67-64-1	Acetone	2.0		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
107-02-8	Acrolein	2.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS



Sample Information

Client Sample ID: SW 5

York Sample ID: 1510122-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:34 am

09/03/2015

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
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/10/2015 16:35	09/11/2015 06:28	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/10/2015 16:35	09/11/2015 06:28	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS



Sample Information

Client Sample ID: SW 5

York Sample ID: 1510122-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:34 am

09/03/2015

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
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/10/2015 16:35	09/11/2015 06:28	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %			69-130						
2037-26-5	Surrogate: Toluene-d8	101 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	94.7 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/10/2015 06:48	09/12/2015 04:21	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/10/2015 06:48	09/12/2015 04:21	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	09/10/2015 06:48	09/12/2015 04:21	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH



Sample Information

Client Sample ID: SW 5

York Sample ID: 1510122-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:34 am

09/03/2015

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	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:32	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:32	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:32	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:32	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH



Sample Information

Client Sample ID: SW 5

York Sample ID: 1510122-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:34 am

09/03/2015

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
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:32	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:32	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:32	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:32	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:32	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
117-81-7	Bis(2-ethylhexyl)phthalate	4.97		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:32	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:32	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:32	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:32	SR



Sample Information

Client Sample ID: SW 5

York Sample ID: 1510122-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:34 am

09/03/2015

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
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:32	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
91-20-3	Naphthalene	0.595		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:32	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:32	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:21	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/10/2015 23:32	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	23.0 %			10-65						
4165-62-2	Surrogate: Phenol-d5	16.3 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	62.3 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	47.9 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	65.6 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	67.9 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:11	AMC



Sample Information

Client Sample ID: SW 5

York Sample ID: 1510122-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:34 am

09/03/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:11	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:11	AMC
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:11	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:11	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:11	AMC
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:11	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0444	0.0444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:11	AMC
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:11	AMC
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:11	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:11	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:11	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:11	AMC
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:11	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:11	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:11	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:11	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:11	AMC
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:11	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:11	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:11	AMC
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:11	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	Surrogate: Tetrachloro-m-xylene	53.2 %	30-120
2051-24-3	Surrogate: Decachlorobiphenyl	41.3 %	30-120



Sample Information

Client Sample ID: SW 5

York Sample ID: 1510122-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:34 am

09/03/2015

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/09/2015 05:47	09/09/2015 16:28	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/09/2015 05:47	09/09/2015 16:28	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/09/2015 05:47	09/09/2015 16:28	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/09/2015 05:47	09/09/2015 16:28	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 77.8 %				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.155		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/15/2015 08:54	09/15/2015 13:43	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.106		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/14/2015 09:09	09/14/2015 14:12	SC

Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/15/2015 15:07	09/15/2015 16:36	PAM

Sample Information

Client Sample ID: SW 6

York Sample ID: 1510122-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:07 am

09/03/2015

Nitrogen, Total

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SW 6

York Sample ID: 1510122-06

<u>York Project (SDG) No.</u> 1510122	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> September 3, 2015 10:07 am	<u>Date Received</u> 09/03/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Nitrogen	2.10		mg/L	1.00	1.20	1	varies	09/15/2015 15:04	09/15/2015 16:32	PAM
Certifications:											

Nitrogen, Total-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Nitrogen, Total-Dissolved	2.30		mg/L	1.00	1.20	1	varies	09/15/2015 15:06	09/15/2015 16:34	PAM
Certifications:											

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS



Sample Information

Client Sample ID: SW 6

York Sample ID: 1510122-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:07 am

09/03/2015

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
67-64-1	Acetone	1.8	J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS



Sample Information

Client Sample ID: SW 6

York Sample ID: 1510122-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:07 am

09/03/2015

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
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/10/2015 16:35	09/11/2015 07:01	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/10/2015 16:35	09/11/2015 07:01	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS



Sample Information

Client Sample ID: SW 6

York Sample ID: 1510122-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:07 am

09/03/2015

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/10/2015 16:35	09/11/2015 07:01	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %			69-130						
2037-26-5	Surrogate: Toluene-d8	100 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	95.7 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	09/10/2015 06:48	09/12/2015 04:54	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	09/10/2015 06:48	09/12/2015 04:54	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854	09/10/2015 06:48	09/12/2015 04:54	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH



Sample Information

Client Sample ID: SW 6

York Sample ID: 1510122-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:07 am

09/03/2015

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
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
83-32-9	Acenaphthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/11/2015 00:03	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/11/2015 00:03	SR
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
120-12-7	Anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/11/2015 00:03	SR
1912-24-9	Atrazine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/11/2015 00:03	SR
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
92-87-5	Benzidine	ND		ug/L	11.1	22.2	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH



Sample Information

Client Sample ID: SW 6

York Sample ID: 1510122-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:07 am

09/03/2015

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
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/11/2015 00:03	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/11/2015 00:03	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/11/2015 00:03	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/11/2015 00:03	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/11/2015 00:03	SR
65-85-0	Benzoic acid	ND		ug/L	27.8	55.6	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
117-81-7	Bis(2-ethylhexyl)phthalate	5.71		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/11/2015 00:03	SR
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
218-01-9	Chrysene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
206-44-0	Fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
86-73-7	Fluorene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	0.0222	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH



Sample Information

Client Sample ID: SW 6

York Sample ID: 15I0122-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15I0122

Grand Canal

Water

September 3, 2015 10:07 am

09/03/2015

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
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
67-72-1	Hexachloroethane	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/11/2015 00:03	SR
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
91-20-3	Naphthalene	0.867		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/11/2015 00:03	SR
98-95-3	Nitrobenzene	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/11/2015 00:03	SR
85-01-8	Phenanthrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/11/2015 00:03	SR
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH
129-00-0	Pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:48	09/12/2015 04:54	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	29.6 %	10-65
4165-62-2	Surrogate: Phenol-d5	14.3 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	68.6 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	48.6 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	58.1 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	64.9 %	10-100

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:26	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:26	AMC



Sample Information

Client Sample ID: SW 6

York Sample ID: 1510122-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510122

Grand Canal

Water

September 3, 2015 10:07 am

09/03/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:26	AMC
309-00-2	Aldrin	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:26	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:26	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:26	AMC
319-85-7	beta-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:26	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0421	0.0421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:26	AMC
319-86-8	delta-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:26	AMC
60-57-1	Dieldrin	ND		ug/L	0.00211	0.00211	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:26	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:26	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:26	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:26	AMC
72-20-8	Endrin	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:26	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:26	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0105	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:26	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:26	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0105	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:26	AMC
76-44-8	Heptachlor	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:26	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:26	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:26	AMC
8001-35-2	Toxaphene	ND		ug/L	0.105	0.105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2015 06:56	09/11/2015 20:26	AMC
	Surrogate Recoveries	Result									
877-09-8	Surrogate: Tetrachloro-m-xylene	49.8 %									
2051-24-3	Surrogate: Decachlorobiphenyl	33.8 %									
											Acceptance Range
											30-120
											30-120

Herbicides, Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SW 6

York Sample ID: 15I0122-06

<u>York Project (SDG) No.</u> 15I0122	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Water	<u>Collection Date/Time</u> September 3, 2015 10:07 am	<u>Date Received</u> 09/03/2015
--	---	------------------------	---	------------------------------------

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/09/2015 05:47	09/09/2015 16:43	SA
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/09/2015 05:47	09/09/2015 16:43	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/09/2015 05:47	09/09/2015 16:43	SA
1918-00-9	Dicamba	ND		ug/L	5.00	5.00	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP	09/09/2015 05:47	09/09/2015 16:43	SA
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 50.4 %)				30-150						

Phosphorous, Dissolved as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Dissolved as P	0.128		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/15/2015 08:54	09/15/2015 13:43	SC

Phosphorous, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Phosphorous, Total as P	0.0870		mg/L	0.0500	0.0500	1	SM 4500-P B5/E Certifications: NELAC-NY10854,CTDOH,NJDEP	09/14/2015 09:09	09/14/2015 14:12	SC

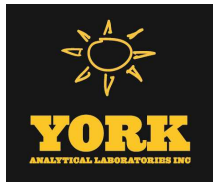
Total Inorg. Nitrogen, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Inorganic Nitrogen, Dissolved	ND		mg/L	1.00	1.05	1	EPA 300.0/SM4500NH3-E97 Certifications:	09/15/2015 15:07	09/15/2015 16:36	PAM



Analytical Batch Summary

Batch ID: BI50363 **Preparation Method:** EPA 3535A **Prepared By:** TFD

YORK Sample ID	Client Sample ID	Preparation Date
15I0122-01	SW 1	09/09/15
15I0122-02	SW 2	09/09/15
15I0122-03	SW 3	09/09/15
15I0122-04	SW 4	09/09/15
15I0122-05	SW 5	09/09/15
15I0122-06	SW 6	09/09/15
BI50363-BLK1	Blank	09/09/15
BI50363-BS1	LCS	09/09/15
BI50363-BSD1	LCS Dup	09/09/15

Batch ID: BI50436 **Preparation Method:** EPA 3510C **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
15I0122-01	SW 1	09/10/15
15I0122-02	SW 2	09/10/15
15I0122-03	SW 3	09/10/15
15I0122-04	SW 4	09/10/15
15I0122-05	SW 5	09/10/15
15I0122-06	SW 6	09/10/15
BI50436-BLK1	Blank	09/10/15
BI50436-BS1	LCS	09/10/15
BI50436-BS2	LCS	09/10/15
BI50436-BSD1	LCS Dup	09/10/15

Batch ID: BI50440 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
15I0122-01	SW 1	09/10/15
15I0122-02	SW 2	09/10/15
15I0122-03	SW 3	09/10/15
15I0122-04	SW 4	09/10/15
15I0122-05	SW 5	09/10/15
15I0122-06	SW 6	09/10/15
BI50440-BLK1	Blank	09/10/15
BI50440-BS1	LCS	09/10/15
BI50440-BSD1	LCS Dup	09/10/15

Batch ID: BI50503 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15I0122-01	SW 1	09/10/15
15I0122-02	SW 2	09/10/15
15I0122-03	SW 3	09/10/15
15I0122-04	SW 4	09/10/15



15I0122-05	SW 5	09/10/15
15I0122-06	SW 6	09/10/15
BI50503-BLK1	Blank	09/10/15
BI50503-BS1	LCS	09/10/15
BI50503-BSD1	LCS Dup	09/10/15

Batch ID: BI50607 **Preparation Method:** Analysis Preparation **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
15I0122-01	SW 1	09/14/15
15I0122-02	SW 2	09/14/15
15I0122-03	SW 3	09/14/15
15I0122-04	SW 4	09/14/15
15I0122-05	SW 5	09/14/15
15I0122-06	SW 6	09/14/15
BI50607-BLK1	Blank	09/14/15
BI50607-BS1	LCS	09/14/15

Batch ID: BI50681 **Preparation Method:** Analysis Preparation **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
15I0122-01	SW 1	09/15/15
15I0122-02	SW 2	09/15/15
15I0122-03	SW 3	09/15/15
15I0122-04	SW 4	09/15/15
15I0122-05	SW 5	09/15/15
15I0122-06	SW 6	09/15/15
BI50681-BLK1	Blank	09/15/15
BI50681-BS1	LCS	09/15/15
BI50681-DUP1	Duplicate	09/15/15
BI50681-MS1	Matrix Spike	09/15/15

Batch ID: BI50717 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
15I0122-01	SW 1	09/15/15
15I0122-02	SW 2	09/15/15
15I0122-03	SW 3	09/15/15
15I0122-04	SW 4	09/15/15
15I0122-05	SW 5	09/15/15
15I0122-06	SW 6	09/15/15
BI50717-BLK1	Blank	09/15/15
BI50717-BS1	LCS	09/15/15
BI50717-DUP1	Duplicate	09/15/15

Batch ID: BI50718 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

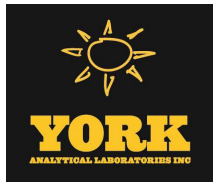
YORK Sample ID	Client Sample ID	Preparation Date
15I0122-01	SW 1	09/15/15



15I0122-02	SW 2	09/15/15
15I0122-03	SW 3	09/15/15
15I0122-04	SW 4	09/15/15
15I0122-05	SW 5	09/15/15
15I0122-06	SW 6	09/15/15
BI50718-BLK1	Blank	09/15/15
BI50718-BS1	LCS	09/15/15
BI50718-DUP1	Duplicate	09/15/15

Batch ID: BI50719 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
15I0122-01	SW 1	09/15/15
15I0122-02	SW 2	09/15/15
15I0122-03	SW 3	09/15/15
15I0122-04	SW 4	09/15/15
15I0122-05	SW 5	09/15/15
15I0122-06	SW 6	09/15/15
BI50719-DUP1	Duplicate	09/15/15



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

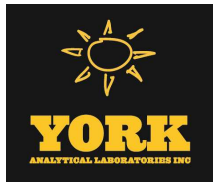
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BI50717 - Analysis Preparation

Blank (BI50717-BLK1)

Prepared & Analyzed: 09/15/2015

Total Nitrogen	ND	1.00	mg/L								
----------------	----	------	------	--	--	--	--	--	--	--	--



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

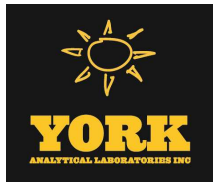
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BI50717 - Analysis Preparation

LCS (BI50717-BS1)

Prepared & Analyzed: 09/15/2015

Total Nitrogen	114	1.00	mg/L				70-130				
----------------	-----	------	------	--	--	--	--------	--	--	--	--

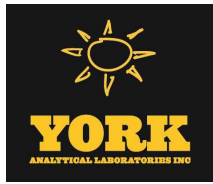


Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BI50717 - Analysis Preparation

Duplicate (BI50717-DUP1)	*Source sample: 1510122-01 (SW 1)						Prepared & Analyzed: 09/15/2015				
Total Nitrogen	2.20	1.00	mg/L		3.10				34.0	200	



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

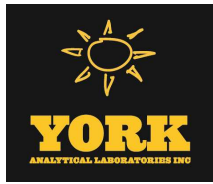
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BI50718 - Analysis Preparation

Blank (BI50718-BLK1)

Prepared & Analyzed: 09/15/2015

Nitrogen, Total-Dissolved - Dissolved	ND	1.00	mg/L								
---------------------------------------	----	------	------	--	--	--	--	--	--	--	--



Automated Cadmium Reduction - Quality Control Data

York Analytical Laboratories, Inc.

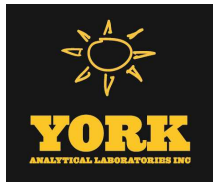
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BI50718 - Analysis Preparation

LCS (BI50718-BS1)

Prepared & Analyzed: 09/15/2015

Nitrogen, Total-Dissolved - Dissolved	114	1.00	mg/L				70-130				
---------------------------------------	-----	------	------	--	--	--	--------	--	--	--	--



Automated Cadmium Reduction - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BI50718 - Analysis Preparation

Duplicate (BI50718-DUP1)	*Source sample: 1510122-01 (SW 1)						Prepared & Analyzed: 09/15/2015				
Nitrogen, Total-Dissolved - Dissolved	3.30	1.00	mg/L		3.00				9.52	200	



Automated Cadmium Reduction - Quality Control Data

York Analytical Laboratories, Inc.

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

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50503 - EPA 5030B

Blank (BI50503-BLK1)

Prepared: 09/10/2015 Analyzed: 09/11/2015

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	0.50	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.50	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
1,4-Dioxane	ND	80	"
2-Butanone	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	ND	2.0	"
Acrolein	ND	0.50	"
Acrylonitrile	ND	0.50	"
Benzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon disulfide	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Cyclohexane	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50503 - EPA 5030B

Blank (BI50503-BLK1)

Prepared: 09/10/2015 Analyzed: 09/11/2015

Isopropylbenzene	ND	0.50	ug/L								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								

<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.8</i>		<i>"</i>	<i>10.0</i>		<i>108</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.87</i>		<i>"</i>	<i>10.0</i>		<i>98.7</i>	<i>79-122</i>				

LCS (BI50503-BS1)

Prepared & Analyzed: 09/10/2015

1,1,1,2-Tetrachloroethane	10		ug/L	10.0		100	82-126				
1,1,1-Trichloroethane	10		"	10.0		99.7	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		106	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		104	54-165				
1,1,2-Trichloroethane	10		"	10.0		102	82-123				
1,1-Dichloroethane	10		"	10.0		104	82-129				
1,1-Dichloroethylene	9.8		"	10.0		97.8	68-138				
1,2,3-Trichlorobenzene	9.9		"	10.0		98.6	76-136				
1,2,3-Trichloropropane	10		"	10.0		104	77-128				
1,2,4-Trichlorobenzene	9.9		"	10.0		99.4	76-137				
1,2,4-Trimethylbenzene	10		"	10.0		103	82-132				
1,2-Dibromo-3-chloropropane	10		"	10.0		102	45-147				
1,2-Dibromoethane	11		"	10.0		109	83-124				
1,2-Dichlorobenzene	10		"	10.0		104	79-123				
1,2-Dichloroethane	10		"	10.0		101	73-132				
1,2-Dichloropropane	9.8		"	10.0		98.0	78-126				
1,3,5-Trimethylbenzene	10		"	10.0		101	80-131				
1,3-Dichlorobenzene	10		"	10.0		105	86-122				
1,4-Dichlorobenzene	10		"	10.0		101	85-124				
1,4-Dioxane	550		"	200		274	10-349				
2-Butanone	11		"	10.0		108	49-152				
2-Hexanone	11		"	10.0		115	51-146				
4-Methyl-2-pentanone	6.4		"	10.0		64.0	57-145				
Acetone	11		"	10.0		106	14-150				
Acrolein	9.6		"	10.0		95.5	10-153				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50503 - EPA 5030B

LCS (BI50503-BS1)

Prepared & Analyzed: 09/10/2015

Acrylonitrile	10		ug/L	10.0		99.6	51-150			
Benzene	10		"	10.0		102	85-126			
Bromochloromethane	9.9		"	10.0		99.1	77-128			
Bromodichloromethane	9.9		"	10.0		99.2	79-128			
Bromoform	9.9		"	10.0		98.7	78-133			
Bromomethane	3.4		"	10.0		34.1	43-168	Low Bias		
Carbon disulfide	9.9		"	10.0		99.0	68-146			
Carbon tetrachloride	9.9		"	10.0		98.8	77-141			
Chlorobenzene	10		"	10.0		102	88-120			
Chloroethane	10		"	10.0		102	65-136			
Chloroform	10		"	10.0		103	82-128			
Chloromethane	5.6		"	10.0		56.1	43-155			
cis-1,2-Dichloroethylene	9.9		"	10.0		99.4	83-129			
cis-1,3-Dichloropropylene	9.1		"	10.0		91.4	80-131			
Cyclohexane	9.8		"	10.0		97.5	63-149			
Dibromochloromethane	10		"	10.0		102	80-130			
Dibromomethane	10		"	10.0		104	72-134			
Dichlorodifluoromethane	8.8		"	10.0		88.1	44-144			
Ethyl Benzene	10		"	10.0		103	80-131			
Hexachlorobutadiene	9.4		"	10.0		93.6	67-146			
Isopropylbenzene	10		"	10.0		102	76-140			
Methyl acetate	9.5		"	10.0		94.6	51-139			
Methyl tert-butyl ether (MTBE)	10		"	10.0		104	76-135			
Methylcyclohexane	9.4		"	10.0		94.4	72-143			
Methylene chloride	10		"	10.0		101	55-137			
n-Butylbenzene	10		"	10.0		102	79-132			
n-Propylbenzene	10		"	10.0		103	78-133			
o-Xylene	10		"	10.0		103	78-130			
p- & m- Xylenes	21		"	20.0		107	77-133			
p-Isopropyltoluene	10		"	10.0		104	81-136			
sec-Butylbenzene	10		"	10.0		104	79-137			
Styrene	11		"	10.0		114	67-132			
tert-Butyl alcohol (TBA)	9.8		"	10.0		97.7	25-162			
tert-Butylbenzene	10		"	10.0		102	77-138			
Tetrachloroethylene	10		"	10.0		104	82-131			
Toluene	10		"	10.0		99.7	80-127			
trans-1,2-Dichloroethylene	10		"	10.0		100	80-132			
trans-1,3-Dichloropropylene	9.0		"	10.0		89.5	78-131			
Trichloroethylene	9.6		"	10.0		95.8	82-128			
Trichlorofluoromethane	9.6		"	10.0		96.0	67-139			
Vinyl Chloride	9.5		"	10.0		95.3	58-145			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>69-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.83</i>		<i>"</i>	<i>10.0</i>		<i>98.3</i>	<i>81-117</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.74</i>		<i>"</i>	<i>10.0</i>		<i>97.4</i>	<i>79-122</i>			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50503 - EPA 5030B

LCS Dup (BI50503-BSD1)

Prepared: 09/10/2015 Analyzed: 09/11/2015

1,1,1,2-Tetrachloroethane	10		ug/L	10.0		101	82-126		0.991	30	
1,1,1-Trichloroethane	8.4		"	10.0		84.0	78-136		17.1	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		106	76-129		0.659	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		104	54-165		0.576	30	
1,1,2-Trichloroethane	11		"	10.0		107	82-123		5.16	30	
1,1-Dichloroethane	10		"	10.0		102	82-129		1.94	30	
1,1-Dichloroethylene	9.7		"	10.0		97.4	68-138		0.410	30	
1,2,3-Trichlorobenzene	9.8		"	10.0		98.4	76-136		0.203	30	
1,2,3-Trichloropropane	10		"	10.0		104	77-128		0.00	30	
1,2,4-Trichlorobenzene	9.8		"	10.0		97.7	76-137		1.73	30	
1,2,4-Trimethylbenzene	10		"	10.0		102	82-132		1.46	30	
1,2-Dibromo-3-chloropropane	9.9		"	10.0		98.8	45-147		3.29	30	
1,2-Dibromoethane	11		"	10.0		108	83-124		0.0921	30	
1,2-Dichlorobenzene	10		"	10.0		100	79-123		4.40	30	
1,2-Dichloroethane	10		"	10.0		100	73-132		1.29	30	
1,2-Dichloropropane	10		"	10.0		99.6	78-126		1.62	30	
1,3,5-Trimethylbenzene	10		"	10.0		102	80-131		0.395	30	
1,3-Dichlorobenzene	10		"	10.0		103	86-122		1.74	30	
1,4-Dichlorobenzene	10		"	10.0		99.8	85-124		0.997	30	
1,4-Dioxane	450		"	200		227	10-349		19.1	30	
2-Butanone	11		"	10.0		108	49-152		0.555	30	
2-Hexanone	12		"	10.0		117	51-146		1.90	30	
4-Methyl-2-pentanone	6.7		"	10.0		66.8	57-145		4.28	30	
Acetone	10		"	10.0		105	14-150		1.23	30	
Acrolein	9.5		"	10.0		95.3	10-153		0.210	30	
Acrylonitrile	12		"	10.0		116	51-150		15.5	30	
Benzene	9.9		"	10.0		98.9	85-126		3.38	30	
Bromochloromethane	9.8		"	10.0		97.7	77-128		1.42	30	
Bromodichloromethane	9.9		"	10.0		99.0	79-128		0.202	30	
Bromoform	10		"	10.0		102	78-133		2.90	30	
Bromomethane	2.3		"	10.0		23.1	43-168	Low Bias	38.5	30	Non-dir.
Carbon disulfide	9.6		"	10.0		96.5	68-146		2.56	30	
Carbon tetrachloride	9.9		"	10.0		99.1	77-141		0.303	30	
Chlorobenzene	10		"	10.0		102	88-120		0.293	30	
Chloroethane	9.6		"	10.0		96.3	65-136		6.24	30	
Chloroform	10		"	10.0		102	82-128		0.391	30	
Chloromethane	5.0		"	10.0		49.5	43-155		12.5	30	
cis-1,2-Dichloroethylene	9.7		"	10.0		97.4	83-129		2.03	30	
cis-1,3-Dichloropropylene	9.2		"	10.0		92.0	80-131		0.654	30	
Cyclohexane	7.4		"	10.0		73.5	63-149		28.1	30	
Dibromochloromethane	10		"	10.0		103	80-130		1.08	30	
Dibromomethane	10		"	10.0		104	72-134		0.289	30	
Dichlorodifluoromethane	8.7		"	10.0		86.6	44-144		1.72	30	
Ethyl Benzene	10		"	10.0		103	80-131		0.485	30	
Hexachlorobutadiene	9.4		"	10.0		93.9	67-146		0.320	30	
Isopropylbenzene	10		"	10.0		101	76-140		0.394	30	
Methyl acetate	9.4		"	10.0		93.6	51-139		1.06	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		103	76-135		1.35	30	
Methylcyclohexane	9.6		"	10.0		96.5	72-143		2.20	30	
Methylene chloride	9.9		"	10.0		98.6	55-137		2.31	30	
n-Butylbenzene	10		"	10.0		101	79-132		0.787	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50503 - EPA 5030B

LCS Dup (BI50503-BSD1)

Prepared: 09/10/2015 Analyzed: 09/11/2015

n-Propylbenzene	10		ug/L	10.0		103	78-133		0.00	30
o-Xylene	10		"	10.0		104	78-130		0.579	30
p- & m- Xylenes	21		"	20.0		106	77-133		0.801	30
p-Isopropyltoluene	10		"	10.0		104	81-136		0.769	30
sec-Butylbenzene	10		"	10.0		103	79-137		0.581	30
Styrene	12		"	10.0		115	67-132		0.872	30
tert-Butyl alcohol (TBA)	9.5		"	10.0		94.8	25-162		3.01	30
tert-Butylbenzene	10		"	10.0		101	77-138		0.493	30
Tetrachloroethylene	10		"	10.0		103	82-131		0.870	30
Toluene	10		"	10.0		104	80-127		3.84	30
trans-1,2-Dichloroethylene	10		"	10.0		100	80-132		0.00	30
trans-1,3-Dichloropropylene	9.1		"	10.0		91.4	78-131		2.10	30
Trichloroethylene	9.8		"	10.0		97.7	82-128		1.96	30
Trichlorofluoromethane	9.1		"	10.0		90.8	67-139		5.57	30
Vinyl Chloride	9.3		"	10.0		93.3	58-145		2.12	30
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>69-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.93</i>		<i>"</i>	<i>10.0</i>		<i>99.3</i>	<i>81-117</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.63</i>		<i>"</i>	<i>10.0</i>		<i>96.3</i>	<i>79-122</i>			



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50436 - EPA 3510C

Blank (BI50436-BLK1)

Prepared: 09/10/2015 Analyzed: 09/11/2015

1,1'-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3'-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	20.0	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	50.0	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50436 - EPA 3510C

Blank (BI50436-BLK1)

Prepared: 09/10/2015 Analyzed: 09/11/2015

Caprolactam	ND	5.00	ug/L								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Surrogate: 2-Fluorophenol	40.6		"	75.2		54.0	10-65				
Surrogate: Phenol-d5	46.6		"	75.0		62.1	10-49				
Surrogate: Nitrobenzene-d5	39.2		"	50.3		78.0	10-96				
Surrogate: 2-Fluorobiphenyl	33.1		"	50.0		66.2	10-93				
Surrogate: 2,4,6-Tribromophenol	46.8		"	75.2		62.3	10-128				
Surrogate: Terphenyl-d14	36.2		"	50.0		72.5	10-100				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI50436 - EPA 3510C											
LCS (BI50436-BS1)											
Prepared: 09/10/2015 Analyzed: 09/11/2015											
1,1'-Biphenyl	38.6	5.00	ug/L				21-102				
1,2,4,5-Tetrachlorobenzene	55.0	5.00	"	50.0		110	28-105	High Bias			
1,2,4-Trichlorobenzene	35.2	5.00	"	50.0		70.3	35-91				
1,2-Dichlorobenzene	37.3	5.00	"	50.0		74.7	42-85				
1,2-Diphenylhydrazine (as Azobenzene)	50.6	5.00	"	50.0		101	16-137				
1,3-Dichlorobenzene	35.4	5.00	"	50.0		70.8	45-80				
1,4-Dichlorobenzene	33.8	5.00	"	50.0		67.5	42-82				
2,3,4,6-Tetrachlorophenol	117	5.00	"	50.0		234	30-130	High Bias			
2,4,5-Trichlorophenol	35.9	5.00	"	50.0		71.9	36-112				
2,4,6-Trichlorophenol	39.2	5.00	"	50.0		78.4	41-107				
2,4-Dichlorophenol	33.2	5.00	"	50.0		66.3	43-92				
2,4-Dimethylphenol	38.2	5.00	"	50.0		76.3	25-92				
2,4-Dinitrophenol	22.5	5.00	"	50.0		45.0	10-149				
2,4-Dinitrotoluene	39.4	5.00	"	50.0		78.8	41-114				
2,6-Dinitrotoluene	40.0	5.00	"	50.0		80.1	49-106				
2-Chloronaphthalene	37.7	5.00	"	50.0		75.4	40-96				
2-Chlorophenol	38.0	5.00	"	50.0		76.0	35-84				
2-Methylnaphthalene	44.0	5.00	"	50.0		87.9	33-101				
2-Methylphenol	38.3	5.00	"	50.0		76.7	10-90				
2-Nitroaniline	ND	5.00	"	50.0			31-122	Low Bias			
2-Nitrophenol	32.9	5.00	"	50.0		65.7	37-97				
3- & 4-Methylphenols	40.0	5.00	"	50.0		80.1	10-101				
3,3'-Dichlorobenzidine	62.8	5.00	"	50.0		126	25-155				
3-Nitroaniline	40.1	5.00	"	50.0		80.3	29-128				
4,6-Dinitro-2-methylphenol	44.0	5.00	"	50.0		87.9	10-135				
4-Bromophenyl phenyl ether	42.0	5.00	"	50.0		84.0	38-116				
4-Chloro-3-methylphenol	43.2	5.00	"	50.0		86.4	28-101				
4-Chloroaniline	25.9	5.00	"	50.0		51.9	10-154				
4-Chlorophenyl phenyl ether	44.2	5.00	"	50.0		88.4	34-112				
4-Nitroaniline	44.4	5.00	"	50.0		88.8	15-143				
4-Nitrophenol	14.0	5.00	"	50.0		28.0	10-112				
Acenaphthene	45.1	0.0500	"	50.0		90.2	24-114				
Acenaphthylene	39.8	0.0500	"	50.0		79.7	26-112				
Acetophenone	37.9	5.00	"	50.0		75.8	47-92				
Aniline	37.4	5.00	"	50.0		74.8	10-107				
Anthracene	40.6	0.0500	"	50.0		81.1	35-114				
Atrazine	40.3	0.500	"	50.0		80.6	43-101				
Benzaldehyde	29.8	5.00	"	50.0		59.7	17-117				
Benzo(a)anthracene	43.0	0.0500	"	50.0		86.1	38-127				
Benzo(a)pyrene	34.7	0.0500	"	50.0		69.4	30-146				
Benzo(b)fluoranthene	34.8	0.0500	"	50.0		69.6	36-145				
Benzo(g,h,i)perylene	27.2	0.0500	"	50.0		54.4	10-163				
Benzo(k)fluoranthene	35.2	0.0500	"	50.0		70.5	16-149				
Benzoic acid	55.8	5.00	"	50.5		110	30-130				
Benzyl alcohol	40.6	5.00	"	50.0		81.1	18-75	High Bias			
Benzyl butyl phthalate	25.4	5.00	"	50.0		50.8	28-129				
Bis(2-chloroethoxy)methane	40.3	5.00	"	50.0		80.5	27-112				
Bis(2-chloroethyl)ether	40.9	5.00	"	50.0		81.9	24-114				
Bis(2-chloroisopropyl)ether	41.0	5.00	"	50.0		82.1	21-124				
Bis(2-ethylhexyl)phthalate	46.0	0.500	"	50.0		92.1	10-171				
Caprolactam	41.1	5.00	"	50.0		82.1	10-29	High Bias			



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50436 - EPA 3510C

LCS (BI50436-BS1)

Prepared: 09/10/2015 Analyzed: 09/11/2015

Carbazole	37.6	5.00	ug/L	50.0		75.3	49-116				
Chrysene	34.5	0.0500	"	50.0		68.9	33-120				
Dibenzo(a,h)anthracene	32.3	0.0500	"	50.0		64.6	10-149				
Dibenzofuran	39.5	5.00	"	50.0		78.9	42-105				
Diethyl phthalate	43.7	5.00	"	50.0		87.4	38-112				
Dimethyl phthalate	39.0	5.00	"	50.0		77.9	49-106				
Di-n-butyl phthalate	43.4	5.00	"	50.0		86.9	36-110				
Di-n-octyl phthalate	39.6	5.00	"	50.0		79.1	12-149				
Fluoranthene	41.7	0.0500	"	50.0		83.5	33-126				
Fluorene	43.7	0.0500	"	50.0		87.4	28-117				
Hexachlorobenzene	50.9	0.0200	"	50.0		102	27-120				
Hexachlorobutadiene	42.9	0.500	"	50.0		85.9	25-106				
Hexachlorocyclopentadiene	20.4	5.00	"	50.0		40.8	10-99				
Hexachloroethane	48.6	0.500	"	50.0		97.3	33-84	High Bias			
Indeno(1,2,3-cd)pyrene	32.2	0.0500	"	50.0		64.4	10-150				
Isophorone	41.1	5.00	"	50.0		82.2	29-115				
Naphthalene	39.7	0.0500	"	50.0		79.5	30-99				
Nitrobenzene	41.9	0.250	"	50.0		83.8	32-113				
N-Nitrosodimethylamine	29.4	0.500	"	50.0		58.9	10-63				
N-nitroso-di-n-propylamine	47.6	5.00	"	50.0		95.2	36-118				
N-Nitrosodiphenylamine	54.0	5.00	"	50.0		108	27-145				
Pentachlorophenol	28.8	0.250	"	50.0		57.5	19-127				
Phenanthrene	42.4	0.0500	"	50.0		84.7	31-112				
Phenol	42.6	5.00	"	50.0		85.3	10-37	High Bias			
Pyrene	34.7	0.0500	"	50.0		69.5	42-125				
Surrogate: 2-Fluorophenol	51.5		"	75.2		68.4	10-65				
Surrogate: Phenol-d5	63.5		"	75.0		84.7	10-49				
Surrogate: Nitrobenzene-d5	42.2		"	50.3		83.9	10-96				
Surrogate: 2-Fluorobiphenyl	36.9		"	50.0		73.8	10-93				
Surrogate: 2,4,6-Tribromophenol	58.8		"	75.2		78.2	10-128				
Surrogate: Terphenyl-d14	34.9		"	50.0		69.8	10-100				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50436 - EPA 3510C

LCS (BI50436-BS2)

Prepared & Analyzed: 09/10/2015

1,1'-Biphenyl	ND	5.00	ug/L				21-102				
1,2,4,5-Tetrachlorobenzene	ND	5.00	"				28-105				
1,2,4-Trichlorobenzene	ND	5.00	"				35-91				
1,2-Dichlorobenzene	ND	5.00	"				42-85				
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"				16-137				
1,3-Dichlorobenzene	ND	5.00	"				45-80				
1,4-Dichlorobenzene	ND	5.00	"				42-82				
2,3,4,6-Tetrachlorophenol	ND	5.00	"				30-130				
2,4,5-Trichlorophenol	ND	5.00	"				36-112				
2,4,6-Trichlorophenol	ND	5.00	"				41-107				
2,4-Dichlorophenol	ND	5.00	"				43-92				
2,4-Dimethylphenol	ND	5.00	"				25-92				
2,4-Dinitrophenol	ND	5.00	"				10-149				
2,4-Dinitrotoluene	ND	5.00	"				41-114				
2,6-Dinitrotoluene	ND	5.00	"				49-106				
2-Chloronaphthalene	ND	5.00	"				40-96				
2-Chlorophenol	ND	5.00	"				35-84				
2-Methylnaphthalene	ND	5.00	"				33-101				
2-Methylphenol	ND	5.00	"				10-90				
2-Nitroaniline	ND	5.00	"				31-122				
2-Nitrophenol	ND	5.00	"				37-97				
3- & 4-Methylphenols	ND	5.00	"				10-101				
3,3'-Dichlorobenzidine	ND	5.00	"				25-155				
3-Nitroaniline	ND	5.00	"				29-128				
4,6-Dinitro-2-methylphenol	ND	5.00	"				10-135				
4-Bromophenyl phenyl ether	ND	5.00	"				38-116				
4-Chloro-3-methylphenol	ND	5.00	"				28-101				
4-Chloroaniline	ND	5.00	"				10-154				
4-Chlorophenyl phenyl ether	ND	5.00	"				34-112				
4-Nitroaniline	ND	5.00	"				15-143				
4-Nitrophenol	ND	5.00	"				10-112				
Acenaphthene	1.01	0.0500	"	1.00		101	24-114				
Acenaphthylene	1.03	0.0500	"	1.00		103	26-112				
Acetophenone	ND	5.00	"				47-92				
Aniline	ND	5.00	"				10-107				
Anthracene	0.910	0.0500	"	1.00		91.0	35-114				
Atrazine	ND	0.500	"				43-101				
Benzaldehyde	ND	5.00	"				17-117				
Benzo(a)anthracene	0.910	0.0500	"	1.00		91.0	38-127				
Benzo(a)pyrene	1.09	0.0500	"	1.00		109	30-146				
Benzo(b)fluoranthene	0.860	0.0500	"	1.00		86.0	36-145				
Benzo(g,h,i)perylene	0.970	0.0500	"	1.00		97.0	10-163				
Benzo(k)fluoranthene	1.16	0.0500	"	1.00		116	16-149				
Benzoic acid	ND	50.0	"				30-130				
Benzyl alcohol	ND	5.00	"				18-75				
Benzyl butyl phthalate	ND	5.00	"				28-129				
Bis(2-chloroethoxy)methane	ND	5.00	"				27-112				
Bis(2-chloroethyl)ether	ND	5.00	"				24-114				
Bis(2-chloroisopropyl)ether	ND	5.00	"				21-124				
Bis(2-ethylhexyl)phthalate	ND	0.500	"				10-171				
Caprolactam	ND	5.00	"				10-29				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50436 - EPA 3510C

LCS (BI50436-BS2)

Prepared & Analyzed: 09/10/2015

Carbazole	ND	5.00	ug/L				49-116				
Chrysene	0.990	0.0500	"	1.00		99.0	33-120				
Dibenzo(a,h)anthracene	1.14	0.0500	"	1.00		114	10-149				
Dibenzofuran	ND	5.00	"				42-105				
Diethyl phthalate	ND	5.00	"				38-112				
Dimethyl phthalate	ND	5.00	"				49-106				
Di-n-butyl phthalate	ND	5.00	"				36-110				
Di-n-octyl phthalate	ND	5.00	"				12-149				
Fluoranthene	0.980	0.0500	"	1.00		98.0	33-126				
Fluorene	1.02	0.0500	"	1.00		102	28-117				
Hexachlorobenzene	ND	0.0200	"				27-120				
Hexachlorobutadiene	ND	0.500	"				25-106				
Hexachlorocyclopentadiene	ND	5.00	"				10-99				
Hexachloroethane	ND	0.500	"				33-84				
Indeno(1,2,3-cd)pyrene	1.09	0.0500	"	1.00		109	10-150				
Isophorone	ND	5.00	"				29-115				
Naphthalene	0.930	0.0500	"	1.00		93.0	30-99				
Nitrobenzene	ND	0.250	"				32-113				
N-Nitrosodimethylamine	ND	0.500	"				10-63				
N-nitroso-di-n-propylamine	ND	5.00	"				36-118				
N-Nitrosodiphenylamine	ND	5.00	"				27-145				
Pentachlorophenol	ND	0.250	"				19-127				
Phenanthrene	0.950	0.0500	"	1.00		95.0	31-112				
Phenol	ND	5.00	"				10-37				
Pyrene	1.04	0.0500	"	1.00		104	42-125				
<i>Surrogate: 2-Fluorophenol</i>	<i>0.00</i>		<i>"</i>	<i>75.2</i>			<i>10-65</i>				
<i>Surrogate: Phenol-d5</i>	<i>0.00</i>		<i>"</i>	<i>75.0</i>			<i>10-49</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>0.00</i>		<i>"</i>	<i>50.3</i>			<i>10-96</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>0.00</i>		<i>"</i>	<i>50.0</i>			<i>10-93</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>0.00</i>		<i>"</i>	<i>75.2</i>			<i>10-128</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>0.00</i>		<i>"</i>	<i>50.0</i>			<i>10-100</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI50436 - EPA 3510C											
LCS Dup (BI50436-BSD1)											
										Prepared: 09/10/2015 Analyzed: 09/11/2015	
1,1'-Biphenyl	35.3	5.00	ug/L				21-102		8.94	20	
1,2,4,5-Tetrachlorobenzene	50.3	5.00	"	50.0		101	28-105		8.99	20	
1,2,4-Trichlorobenzene	33.9	5.00	"	50.0		67.7	35-91		3.74	20	
1,2-Dichlorobenzene	35.9	5.00	"	50.0		71.7	42-85		4.02	20	
1,2-Diphenylhydrazine (as Azobenzene)	47.0	5.00	"	50.0		94.0	16-137		7.44	20	
1,3-Dichlorobenzene	40.6	5.00	"	50.0		81.1	45-80	High Bias	13.6	20	
1,4-Dichlorobenzene	31.7	5.00	"	50.0		63.5	42-82		6.17	20	
2,3,4,6-Tetrachlorophenol	99.3	5.00	"	50.0		199	30-130	High Bias	16.2	20	
2,4,5-Trichlorophenol	32.2	5.00	"	50.0		64.4	36-112		11.0	20	
2,4,6-Trichlorophenol	33.3	5.00	"	50.0		66.6	41-107		16.2	20	
2,4-Dichlorophenol	31.6	5.00	"	50.0		63.3	43-92		4.69	20	
2,4-Dimethylphenol	37.1	5.00	"	50.0		74.2	25-92		2.79	20	
2,4-Dinitrophenol	21.1	5.00	"	50.0		42.2	10-149		6.51	20	
2,4-Dinitrotoluene	36.2	5.00	"	50.0		72.5	41-114		8.38	20	
2,6-Dinitrotoluene	36.2	5.00	"	50.0		72.4	49-106		10.1	20	
2-Chloronaphthalene	34.2	5.00	"	50.0		68.3	40-96		9.77	20	
2-Chlorophenol	35.3	5.00	"	50.0		70.6	35-84		7.34	20	
2-Methylnaphthalene	41.1	5.00	"	50.0		82.3	33-101		6.67	20	
2-Methylphenol	35.9	5.00	"	50.0		71.8	10-90		6.52	20	
2-Nitroaniline	31.9	5.00	"	50.0		63.8	31-122		190	20	Non-dir.
2-Nitrophenol	32.6	5.00	"	50.0		65.2	37-97		0.794	20	
3- & 4-Methylphenols	37.3	5.00	"	50.0		74.6	10-101		7.09	20	
3,3'-Dichlorobenzidine	56.8	5.00	"	50.0		114	25-155		10.1	20	
3-Nitroaniline	35.3	5.00	"	50.0		70.7	29-128		12.7	20	
4,6-Dinitro-2-methylphenol	39.2	5.00	"	50.0		78.4	10-135		11.4	20	
4-Bromophenyl phenyl ether	39.5	5.00	"	50.0		79.1	38-116		5.99	20	
4-Chloro-3-methylphenol	40.1	5.00	"	50.0		80.1	28-101		7.59	20	
4-Chloroaniline	25.8	5.00	"	50.0		51.5	10-154		0.735	20	
4-Chlorophenyl phenyl ether	39.6	5.00	"	50.0		79.3	34-112		10.8	20	
4-Nitroaniline	39.4	5.00	"	50.0		78.8	15-143		11.9	20	
4-Nitrophenol	5.23	5.00	"	50.0		10.5	10-112		91.1	20	Non-dir.
Acenaphthene	40.4	0.0500	"	50.0		80.8	24-114		10.9	20	
Acenaphthylene	36.4	0.0500	"	50.0		72.8	26-112		9.05	20	
Acetophenone	36.7	5.00	"	50.0		73.3	47-92		3.35	20	
Aniline	34.6	5.00	"	50.0		69.3	10-107		7.69	20	
Anthracene	37.8	0.0500	"	50.0		75.6	35-114		7.10	20	
Atrazine	37.5	0.500	"	50.0		75.0	43-101		7.22	20	
Benzaldehyde	32.8	5.00	"	50.0		65.5	17-117		9.33	20	
Benzo(a)anthracene	39.0	0.0500	"	50.0		78.0	38-127		9.90	20	
Benzo(a)pyrene	32.8	0.0500	"	50.0		65.6	30-146		5.69	20	
Benzo(b)fluoranthene	33.1	0.0500	"	50.0		66.3	36-145		4.95	20	
Benzo(g,h,i)perylene	25.0	0.0500	"	50.0		50.0	10-163		8.50	20	
Benzo(k)fluoranthene	33.0	0.0500	"	50.0		66.0	16-149		6.54	20	
Benzoic acid	49.6	5.00	"	50.5		98.3	30-130		11.7	20	
Benzyl alcohol	39.1	5.00	"	50.0		78.1	18-75	High Bias	3.77	20	
Benzyl butyl phthalate	23.7	5.00	"	50.0		47.4	28-129		6.92	20	
Bis(2-chloroethoxy)methane	38.5	5.00	"	50.0		77.0	27-112		4.55	20	
Bis(2-chloroethyl)ether	38.8	5.00	"	50.0		77.5	24-114		5.44	20	
Bis(2-chloroisopropyl)ether	39.6	5.00	"	50.0		79.1	21-124		3.72	20	
Bis(2-ethylhexyl)phthalate	42.5	0.500	"	50.0		85.0	10-171		7.97	20	
Caprolactam	39.3	5.00	"	50.0		78.6	10-29	High Bias	4.41	20	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50436 - EPA 3510C

LCS Dup (BI50436-BSD1)

Prepared: 09/10/2015 Analyzed: 09/11/2015

Carbazole	35.6	5.00	ug/L	50.0		71.3	49-116		5.49	20	
Chrysene	32.2	0.0500	"	50.0		64.4	33-120		6.81	20	
Dibenzo(a,h)anthracene	24.1	0.0500	"	50.0		48.1	10-149		29.2	20	Non-dir.
Dibenzofuran	35.6	5.00	"	50.0		71.3	42-105		10.2	20	
Diethyl phthalate	39.8	5.00	"	50.0		79.6	38-112		9.39	20	
Dimethyl phthalate	36.2	5.00	"	50.0		72.3	49-106		7.51	20	
Di-n-butyl phthalate	40.0	5.00	"	50.0		80.1	36-110		8.12	20	
Di-n-octyl phthalate	37.0	5.00	"	50.0		74.1	12-149		6.60	20	
Fluoranthene	38.2	0.0500	"	50.0		76.3	33-126		8.99	20	
Fluorene	38.9	0.0500	"	50.0		77.7	28-117		11.7	20	
Hexachlorobenzene	48.1	0.0200	"	50.0		96.2	27-120		5.69	20	
Hexachlorobutadiene	41.3	0.500	"	50.0		82.6	25-106		3.87	20	
Hexachlorocyclopentadiene	18.5	5.00	"	50.0		37.0	10-99		9.66	20	
Hexachloroethane	45.3	0.500	"	50.0		90.6	33-84	High Bias	7.13	20	
Indeno(1,2,3-cd)pyrene	27.3	0.0500	"	50.0		54.7	10-150		16.4	20	
Isophorone	38.5	5.00	"	50.0		77.0	29-115		6.43	20	
Naphthalene	37.3	0.0500	"	50.0		74.5	30-99		6.42	20	
Nitrobenzene	40.2	0.250	"	50.0		80.4	32-113		4.24	20	
N-Nitrosodimethylamine	30.0	0.500	"	50.0		60.1	10-63		2.05	20	
N-nitroso-di-n-propylamine	43.1	5.00	"	50.0		86.2	36-118		9.93	20	
N-Nitrosodiphenylamine	48.1	5.00	"	50.0		96.2	27-145		11.7	20	
Pentachlorophenol	23.7	0.250	"	50.0		47.4	19-127		19.3	20	
Phenanthrene	38.6	0.0500	"	50.0		77.1	31-112		9.37	20	
Phenol	39.4	5.00	"	50.0		78.8	10-37	High Bias	7.85	20	
Pyrene	32.0	0.0500	"	50.0		64.0	42-125		8.24	20	
Surrogate: 2-Fluorophenol	51.2		"	75.2		68.1	10-65				
Surrogate: Phenol-d5	59.8		"	75.0		79.8	10-49				
Surrogate: Nitrobenzene-d5	41.1		"	50.3		81.7	10-96				
Surrogate: 2-Fluorobiphenyl	34.2		"	50.0		68.3	10-93				
Surrogate: 2,4,6-Tribromophenol	54.3		"	75.2		72.2	10-128				
Surrogate: Terphenyl-d14	32.3		"	50.0		64.6	10-100				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50440 - EPA SW846-3510C Low Level

Blank (BI50440-BLK1)

Prepared: 09/10/2015 Analyzed: 09/11/2015

4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								

Surrogate: Tetrachloro-m-xylene

0.140

"

0.201

69.5

30-120

Surrogate: Decachlorobiphenyl

0.150

"

0.207

72.3

30-120

LCS (BI50440-BS1)

Prepared: 09/10/2015 Analyzed: 09/11/2015

4,4'-DDD	0.0634	0.00400	ug/L	0.100		63.4	40-120
4,4'-DDE	0.0678	0.00400	"	0.100		67.8	40-120
4,4'-DDT	0.0771	0.00400	"	0.100		77.1	40-120
Aldrin	0.0755	0.00400	"	0.100		75.5	40-120
alpha-BHC	0.0856	0.00400	"	0.100		85.6	40-120
alpha-Chlordane	0.0692	0.00400	"	0.100		69.2	40-120
beta-BHC	0.0773	0.00400	"	0.100		77.3	40-120
delta-BHC	0.0826	0.00400	"	0.100		82.6	40-120
Dieldrin	0.0726	0.00200	"	0.100		72.6	40-120
Endosulfan I	0.0782	0.00400	"	0.100		78.2	40-120
Endosulfan II	0.0690	0.00400	"	0.100		69.0	40-120
Endosulfan sulfate	0.0672	0.00400	"	0.100		67.2	40-120
Endrin	0.0745	0.00400	"	0.100		74.5	40-120
Endrin aldehyde	0.0580	0.0100	"	0.100		58.0	40-120
Endrin ketone	0.0671	0.0100	"	0.100		67.1	40-120
gamma-BHC (Lindane)	0.0791	0.00400	"	0.100		79.1	40-120
gamma-Chlordane	0.0687	0.0100	"	0.100		68.7	40-120
Heptachlor	0.0659	0.00400	"	0.100		65.9	40-120
Heptachlor epoxide	0.0721	0.00400	"	0.100		72.1	40-120
Methoxychlor	0.0621	0.00400	"	0.100		62.1	40-120

Surrogate: Tetrachloro-m-xylene

0.150

"

0.201

74.6

30-120

Surrogate: Decachlorobiphenyl

0.152

"

0.207

73.4

30-120



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50440 - EPA SW846-3510C Low Level

LCS Dup (BI50440-BSD1)

Prepared: 09/10/2015 Analyzed: 09/11/2015

4,4'-DDD	0.0761	0.00400	ug/L	0.100		76.1	40-120			18.1	30		
4,4'-DDE	0.0756	0.00400	"	0.100		75.6	40-120			10.8	30		
4,4'-DDT	0.0905	0.00400	"	0.100		90.5	40-120			15.9	30		
Aldrin	0.0878	0.00400	"	0.100		87.8	40-120			15.0	30		
alpha-BHC	0.0975	0.00400	"	0.100		97.5	40-120			13.1	30		
alpha-Chlordane	0.0809	0.00400	"	0.100		80.9	40-120			15.7	30		
beta-BHC	0.0890	0.00400	"	0.100		89.0	40-120			14.0	30		
delta-BHC	0.0960	0.00400	"	0.100		96.0	40-120			14.9	30		
Dieldrin	0.0844	0.00200	"	0.100		84.4	40-120			15.1	30		
Endosulfan I	0.0900	0.00400	"	0.100		90.0	40-120			14.0	30		
Endosulfan II	0.0803	0.00400	"	0.100		80.3	40-120			15.2	30		
Endosulfan sulfate	0.0778	0.00400	"	0.100		77.8	40-120			14.6	30		
Endrin	0.0861	0.00400	"	0.100		86.1	40-120			14.4	30		
Endrin aldehyde	0.0662	0.0100	"	0.100		66.2	40-120			13.1	30		
Endrin ketone	0.0775	0.0100	"	0.100		77.5	40-120			14.4	30		
gamma-BHC (Lindane)	0.0905	0.00400	"	0.100		90.5	40-120			13.4	30		
gamma-Chlordane	0.0806	0.0100	"	0.100		80.6	40-120			15.9	30		
Heptachlor	0.0739	0.00400	"	0.100		73.9	40-120			11.5	30		
Heptachlor epoxide	0.0833	0.00400	"	0.100		83.3	40-120			14.4	30		
Methoxychlor	0.0729	0.00400	"	0.100		72.9	40-120			16.0	30		
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.166</i>		<i>"</i>	<i>0.201</i>		<i>82.8</i>	<i>30-120</i>						
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.167</i>		<i>"</i>	<i>0.207</i>		<i>80.4</i>	<i>30-120</i>						



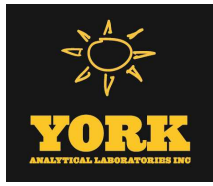
Chlorinated Herbicides by GC/ECD - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI50363 - EPA 3535A											
Blank (BI50363-BLK1)										Prepared & Analyzed: 09/09/2015	
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Dicamba	ND	5.00	"								
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	94.2		"	125		75.4	30-150				
LCS (BI50363-BS1)										Prepared & Analyzed: 09/09/2015	
2,4,5-T	17.5	5.00	ug/L	40.0		43.8	40-140				
2,4,5-TP (Silvex)	17.0	5.00	"	40.0		42.5	40-140				
2,4-D	17.2	5.00	"	40.0		43.1	40-140				
Dicamba	21.8	5.00	"	40.0		54.4	40-140				
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	76.8		"	125		61.4	30-150				
LCS Dup (BI50363-BSD1)										Prepared & Analyzed: 09/09/2015	
2,4,5-T	21.8	5.00	ug/L	40.0		54.4	40-140		21.7	30	
2,4,5-TP (Silvex)	20.5	5.00	"	40.0		51.2	40-140		18.7	30	
2,4-D	20.5	5.00	"	40.0		51.2	40-140		17.2	30	
Dicamba	24.2	5.00	"	40.0		60.6	40-140		10.9	30	
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	87.2		"	125		69.8	30-150				



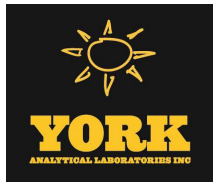
Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI50607 - Analysis Preparation											
Blank (BI50607-BLK1)										Prepared & Analyzed: 09/14/2015	
Phosphorous, Total as P	ND	0.0500	mg/L								
LCS (BI50607-BS1)										Prepared & Analyzed: 09/14/2015	
Phosphorous, Total as P	0.509	0.0500	mg/L	0.500		102	80-120				
Batch BI50681 - Analysis Preparation											
Blank (BI50681-BLK1)										Prepared & Analyzed: 09/15/2015	
Phosphorous, Dissolved as P - Dissolved	ND	0.0500	mg/L								
LCS (BI50681-BS1)										Prepared & Analyzed: 09/15/2015	
Phosphorous, Dissolved as P - Dissolved	0.515	0.0500	mg/L	0.500		103	80-120				
Duplicate (BI50681-DUP1)										*Source sample: 15I0122-02 (SW 2) Prepared & Analyzed: 09/15/2015	
Phosphorous, Dissolved as P - Dissolved	0.140	0.0500	mg/L		0.138				1.44	20	
Matrix Spike (BI50681-MS1)										*Source sample: 15I0122-02 (SW 2) Prepared & Analyzed: 09/15/2015	
Phosphorous, Dissolved as P - Dissolved	0.952	0.0500	mg/L	1.00	0.138	81.4	75-125				
Batch BI50719 - Analysis Preparation											
Duplicate (BI50719-DUP1)										*Source sample: 15I0122-01 (SW 1) Prepared & Analyzed: 09/15/2015	
Total Inorganic Nitrogen, Dissolved - Dissolved	ND	1.00	mg/L		ND					200	



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15I0122-01	SW 1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15I0122-02	SW 2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15I0122-03	SW 3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15I0122-04	SW 4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15I0122-05	SW 5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15I0122-06	SW 6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Notes and Definitions

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
<hr/>	
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

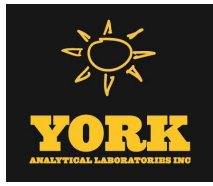
If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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



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



YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 15I0122

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Cashin Associates	SAME <input type="checkbox"/>	SAME <input type="checkbox"/>	Grand Canal	RUSH-Same Day _____	Summary Report <input checked="" type="checkbox"/> <u>(47)</u>
Address: 1200 Veterans HWY	Name: _____	Name: _____	Purchase Order #	RUSH-Next Day _____	QA Report _____
Hauppauge, NY 11788	Company: _____	Company: _____		RUSH-Two Day _____	CT RCP _____
Phone.: 631-348-7600	Address: _____	Address: _____		RUSH-Three Day _____	CT RCP DQA/DUE Pkg _____
Contact: Keith Brewer				RUSH-Four Day _____	NY ASP A Package _____
E-mail: kbrewer@ca-pc.com	E-mail: _____	E-mail: _____	Samples from CT_NY_X_NJ_	Standard (5-7day) <input checked="" type="checkbox"/>	NY ASP B Package _____

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


Samples Collected/Authorized By (Signature)
Andrew Thyberg
Name (printed)

- Matrix Codes**
- S - soil
 - Other - specify (oil, etc.)
 - WW - wastewater
 - GW - groundwater
 - DW - drinking water
 - Air-A - ambient air
 - Air-SV - soil vapor

Volatiles	Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list	TICs Site Spec. Nassau Co. Suffolk Co. Ketones Oxygenates TCLP list 524.2 502.2 NJDEP list App. IX SPLP or TCLP	8082 PCB 8081 Pest 8151 Herb CT RCP PAH list TAGM list CT RCP list NJDEP list App. IX TCLP BNA SPLP or TCLP	RCRA8 PP13 list TAL CTI.5 list App. IX Site Spec. SPLP or TCLP Total TCLP Pest TCLP Herb Chlordane 608 Pest 608 PCB	TPH GRO TPH DRO CT ETPH NY 310-13 TAGM list NJDEP list Dissolved Air STARS SPLP or TCLP Air TICs Methane Helium	Pri. Poll. TCL Organics TAL Met/CN Full TCLP Full App IX Part 360 Routine Part 360 Expanded Part 360 Full List NYCDEP Sewer NYSDEC Sewer TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
SW 1	Sept. 3 10:00 AM	Seawater	Herb; Pest; Nitrate & Nitrite; TIN, Nitrate & Nitrite (Dissolved);	(3) 40ml
SW 2	Sept. 3 10:15 AM	↓	Total Phosphorous, Phosphorous (Dissolved), SVOC, VOC	(4) 1000ml amber
SW 3	Sept. 3 10:27 AM		Total Kjeldahl, Total Kjeldahl (soluble)	(1) 500 ml plastic
SW 4	Sept. 3 10:43 AM			(1) 250ml plastic
SW 5	Sept. 3 10:54 AM			(1) 1000ml plastic
SW 6	Sept. 3 10:07 AM			

Comments: Matrix, Analysis Requested, and Container Description applies for each sample ID

Preservation (check all applicable): 4°C _____ Frozen _____ HCl _____ MeOH _____ HNO₃ _____ H₂SO₄ _____ NaOH _____
ZnAc _____ Ascorbic Acid _____ Other _____

Special Instructions: Field Filtered Lab to Filter

Samples Relinquished By: Keith Brewer Date/Time: 9-3-15 12:30 PM

Samples Relinquished By: Keith Brewer Date/Time: 9-3-15

Samples Received By: TC [Signature] Date/Time: 9-3-15 12:00 PM

Samples Received in LAB by: TC [Signature] Date/Time: 9/3/15 1900

Temperature on Receipt: 4.1°C



**LONG
ISLAND
ANALYTICAL
LABORATORIES INC.**

"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

Laboratory Report

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

LIAL# 5090318

September 09, 2015

Cashin Associates
Keith Brewer
1200 Veterans Highway
Hauppauge, NY 11787

Re: Grand Canal

Dear Keith Brewer,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on September 03, 2015. Long Island Analytical laboratories analyzed the samples on September 07, 2015 for the following:

SAMPLE ID	ANALYSIS
SW 1	Enterococci, Fecal Coliform, Total Coliform
SW 2	Enterococci, Fecal Coliform, Total Coliform
SW 3	Enterococci, Fecal Coliform, Total Coliform
SW 4	Enterococci, Fecal Coliform, Total Coliform
SW 5	Enterococci, Fecal Coliform, Total Coliform
SW 6	Enterococci, Fecal Coliform, Total Coliform
WL Ref 1	Enterococci, Fecal Coliform, Total Coliform
WL Ref 2	Enterococci, Fecal Coliform, Total Coliform
WL 1	Enterococci, Fecal Coliform, Total Coliform
WL 2	Enterococci, Fecal Coliform, Total Coliform
GC North	Enterococci, Fecal Coliform, Total Coliform
GC South	Enterococci, Fecal Coliform, Total Coliform

Samples received at 2.9 ° C

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,



Long Island Analytical Laboratories, Inc.

Michael Veraldi - Laboratory Director

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 09/03/2015 10:00	Sample ID: SW 1
Date (Time) Received: 09/03/2015 13:16	Laboratory ID: 5090318-01
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	09/03/2015 13:29	Enterolert	NA	10.0	1100	MPN/100 mL	5.E

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	09/07/2015 11:54	SM 9221 B-06	20.0	20.0	3000	MPN/100 mL	5.E

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	09/07/2015 11:54	SM 9221 C, E-06	20.0	20.0	3000	MPN/100 mL	5.E

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 09/03/2015 10:15	Sample ID: SW 2
Date (Time) Received: 09/03/2015 13:16	Laboratory ID: 5090318-02
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	09/03/2015 13:29	Enterolert	NA	10.0	355	MPN/100 mL	5.E

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	09/07/2015 11:54	SM 9221 B-06	20.0	20.0	500	MPN/100 mL	

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	09/07/2015 11:54	SM 9221 C, E-06	20.0	20.0	500	MPN/100 mL	

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 09/03/2015 10:27	Sample ID: SW 3
Date (Time) Received: 09/03/2015 13:16	Laboratory ID: 5090318-03
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	09/03/2015 13:29	Enterolert	NA	10.0	20.0	MPN/100 mL	

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	09/07/2015 11:54	SM 9221 B-06	20.0	20.0	130	MPN/100 mL	

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	09/07/2015 11:54	SM 9221 C, E-06	20.0	20.0	130	MPN/100 mL	

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 09/03/2015 10:43	Sample ID: SW 4
Date (Time) Received: 09/03/2015 13:16	Laboratory ID: 5090318-04
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	09/03/2015 13:29	Enterolert	NA	10.0	148	MPN/100 mL	5.E

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	09/07/2015 11:54	SM 9221 B-06	20.0	20.0	300	MPN/100 mL	

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	09/07/2015 11:54	SM 9221 C, E-06	20.0	20.0	300	MPN/100 mL	

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 09/03/2015 10:34	Sample ID: SW 5
Date (Time) Received: 09/03/2015 13:16	Laboratory ID: 5090318-05
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	09/03/2015 13:29	Enterolert	NA	10.0	703	MPN/100 mL	5.E

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	09/07/2015 11:54	SM 9221 B-06	20.0	20.0	3000	MPN/100 mL	5.E

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	09/07/2015 11:54	SM 9221 C, E-06	20.0	20.0	3000	MPN/100 mL	5.E

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 09/03/2015 10:07	Sample ID: SW 6
Date (Time) Received: 09/03/2015 13:16	Laboratory ID: 5090318-06
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	09/03/2015 13:29	Enterolert	NA	10.0	1250	MPN/100 mL	5.E

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	09/07/2015 11:54	SM 9221 B-06	20.0	20.0	3000	MPN/100 mL	5.E

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	09/07/2015 11:54	SM 9221 C, E-06	20.0	20.0	3000	MPN/100 mL	5.E

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 09/03/2015 08:53	Sample ID: WL Ref 1
Date (Time) Received: 09/03/2015 13:16	Laboratory ID: 5090318-07
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	09/03/2015 13:29	Enterolert	NA	10.0	776	MPN/100 mL	5.E

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	09/07/2015 11:54	SM 9221 B-06	20.0	20.0	2400	MPN/100 mL	5.E

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	09/07/2015 11:54	SM 9221 C, E-06	20.0	20.0	2400	MPN/100 mL	5.E

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 09/03/2015 09:00	Sample ID: WL Ref 2
Date (Time) Received: 09/03/2015 13:16	Laboratory ID: 5090318-08
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	09/03/2015 13:29	Enterolert	NA	10.0	292	MPN/100 mL	5.E

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	09/07/2015 11:54	SM 9221 B-06	20.0	20.0	300	MPN/100 mL	

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	09/07/2015 11:54	SM 9221 C, E-06	20.0	20.0	300	MPN/100 mL	

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 09/03/2015 09:31	Sample ID: WL 1
Date (Time) Received: 09/03/2015 13:16	Laboratory ID: 5090318-09
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	09/03/2015 13:29	Enterolert	NA	10.0	318	MPN/100 mL	5.E

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	09/07/2015 11:54	SM 9221 B-06	20.0	20.0	800	MPN/100 mL	

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	09/07/2015 11:54	SM 9221 C, E-06	20.0	20.0	800	MPN/100 mL	

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 09/03/2015 09:55	Sample ID: WL 2
Date (Time) Received: 09/03/2015 13:16	Laboratory ID: 5090318-10
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	09/03/2015 13:29	Enterolert	NA	10.0	402	MPN/100 mL	5.E

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	09/07/2015 11:54	SM 9221 B-06	20.0	20.0	2400	MPN/100 mL	5.E

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	09/07/2015 11:54	SM 9221 C, E-06	20.0	20.0	2400	MPN/100 mL	5.E

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 09/03/2015 11:10	Sample ID: GC North
Date (Time) Received: 09/03/2015 13:16	Laboratory ID: 5090318-11
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	09/03/2015 13:29	Enterolert	NA	10.0	20.0	MPN/100 mL	

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	09/07/2015 11:54	SM 9221 B-06	20.0	20.0	220	MPN/100 mL	

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	09/07/2015 11:54	SM 9221 C, E-06	20.0	20.0	220	MPN/100 mL	

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 09/03/2015 10:53	Sample ID: GC South
Date (Time) Received: 09/03/2015 13:16	Laboratory ID: 5090318-12
Matrix: Non-Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Enterococci	09/03/2015 13:29	Enterolert	NA	10.0	<10.0	MPN/100 mL	

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Total Coliform	09/07/2015 11:54	SM 9221 B-06	20.0	20.0	300	MPN/100 mL	

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Fecal Coliforms	09/07/2015 11:54	SM 9221 C, E-06	20.0	20.0	300	MPN/100 mL	

Date Prepared: 09/03/2015

Preparation Method: Micro-No Prep

Data Qualifiers Key Reference:

- 5.E Level found exceeds the maximum contaminant level (MCL) as set by local, state or federal agencies.
MDL Minimum Detection Limit
LOQ Limit of Quantitation



CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

10

CLIENT NAME/ADDRESS Coshin Assoc. 1200 Vets Hwy. Hempstead NY 11788		CONTACT: Keith Brewer PHONE: 631 348 7600 FAX:		SAMPLER (SIGNATURE) <i>[Signature]</i> SAMPLER NAME (PRINT) Andrew Thyberg		SAMPLE(S) SEALED YES/NO YES		5090318	
PROJECT LOCATION: Grand Canal		EMAIL: KBrewer@coshinc.com		SAMPLES RECEIVED AT 2.9 °C		ANALYSIS REQUIRED Total Coliform Fecal Coliform Enterococcus			
TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month. Tending of samples to LIAL for analytical testing constitutes agreement by buyer/sampler to LIAL's Standard Terms									
LABORATORY ID # <small>For Laboratory Use Only</small>	MATRIX	TYPE	PH	RES CHLORINE	DATE	TIME	SAMPLE #	LOCATION	# OF CONTAINERS
01	SW				9/3/15	10:00AM	SW 1		2
02						10:15AM	SW 2		
03						10:27AM	SW 3		
04						10:43AM	SW 4		
05						10:34AM	SW 5		
06						10:07AM	SW 6		
07						8:53AM	WL Ref 1		
08						9:00AM	WL Ref 2		
09						9:31AM	WL 1		
10						9:55AM	WL 2		
11						11:10AM	GC North		
12						10:53AM	GC South		
13									
14									

PH-9.0 NES CLCAL

TURNAROUND REQUIRED:
 NORMAL STAT

COMMENTS / INSTRUCTIONS
Dilute 10x. Need excel format

RELINQUISHED BY (SIGNATURE) <i>[Signature]</i>	DATE 9/3/15	PRINTED NAME Krista Thybers	RECEIVED BY (SIGNATURE) <i>[Signature]</i>	DATE 9-3-15	PRINTED NAME Ben Lamberson
RELINQUISHED BY (SIGNATURE) <i>[Signature]</i>	DATE 10/20/15	PRINTED NAME Krista Thybers	RECEIVED BY (SIGNATURE) <i>[Signature]</i>	DATE 9-3-15	PRINTED NAME Ben Lamberson
	TIME 12:20P			TIME 12:20P	
				DATE 9-3-15	
				TIME 11:50A	

Appendix 2
Laboratory Results
Sediment Analysis



**LONG
ISLAND
ANALYTICAL
LABORATORIES INC.**

"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

Laboratory Report

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

LIAL# 5122217

January 04, 2016

Cashin Associates
Andrew Thyberg
1200 Veterans Highway
Hauppauge, NY 11787

Re: Grand Canal

Dear Andrew Thyberg,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on December 22, 2015. Long Island Analytical laboratories analyzed the samples on December 31, 2015 for the following:

SAMPLE ID	ANALYSIS
GC1A	Sieve Size, Total Organic Carbon
GC1B	Sieve Size, Total Organic Carbon
GC1C	Sieve Size, Total Organic Carbon
GC2A	Sieve Size, Total Organic Carbon
GC2B	Sieve Size, Total Organic Carbon
GC2C	Sieve Size, Total Organic Carbon
GC3A	Sieve Size, Total Organic Carbon
GC3B	Sieve Size, Total Organic Carbon
GC3C	Sieve Size, Total Organic Carbon
GC4A	Sieve Size, Total Organic Carbon
GC4B	Sieve Size, Total Organic Carbon
GC4C	Sieve Size, Total Organic Carbon
GC5A	Sieve Size, Total Organic Carbon
GC5B	Sieve Size, Total Organic Carbon
GC5C	Sieve Size, Total Organic Carbon
GC6A	Sieve Size, Total Organic Carbon
GC6B	Sieve Size, Total Organic Carbon
GC6C	Sieve Size, Total Organic Carbon
GC7A	Sieve Size, Total Organic Carbon

GC7B	Sieve Size, Total Organic Carbon
GC7C	Sieve Size, Total Organic Carbon
GC8A	Sieve Size, Total Organic Carbon
GC8B	Sieve Size, Total Organic Carbon
GC8C	Sieve Size, Total Organic Carbon
GC9A	Sieve Size, Total Organic Carbon
GC9B	Sieve Size, Total Organic Carbon
GC9C	Sieve Size, Total Organic Carbon
GC10A	Sieve Size, Total Organic Carbon
GC10B	Sieve Size, Total Organic Carbon
GC10C	Sieve Size, Total Organic Carbon

Samples received at 2.7 ° C

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,



Long Island Analytical Laboratories, Inc.

Michael Veraldi - Laboratory Director

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 11:11	Sample ID: GC1A
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-01 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/30/2015 00:00	EPA 9060	100	1390	mg/kg	6.1

Date Prepared: 12/30/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 11:11	Sample ID: GC1A
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-01 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	1.26	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	14.54	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	44.89	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	23.82	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	8.25	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	1.49	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	0.79	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	2.99	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	0.79	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 11:11	Sample ID: GC1B
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-02 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/30/2015 00:00	EPA 9060	100	713	mg/kg	6.1

Date Prepared: 12/30/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 11:11	Sample ID: GC1B
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-02 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	1.07	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	14.71	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	29.51	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	28.54	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	14.27	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	5.24	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	2.48	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	2.38	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 11:11	Sample ID: GC1C
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-03 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/30/2015 00:00	EPA 9060	100	734	mg/kg	6.1

Date Prepared: 12/30/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 11:11	Sample ID: GC1C
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-03 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	5.64	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	15.08	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	43.19	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	27.04	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	5.98	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	0.39	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	0.15	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	0.58	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 12:17	Sample ID: GC2A
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-04 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/30/2015 00:00	EPA 9060	100	702	mg/kg	6.1

Date Prepared: 12/30/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 12:17	Sample ID: GC2A
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-04 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	1.46	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	13.85	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	35.49	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	18.09	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	12.73	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	4.92	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	2.39	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	9.12	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 12:17	Sample ID: GC2B
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-05 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/30/2015 00:00	EPA 9060	100	749	mg/kg	6.1

Date Prepared: 12/30/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 12:17	Sample ID: GC2B
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-05 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	13.10	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	36.77	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	20.55	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	13.83	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	5.45	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	3.79	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	4.26	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 12:17	Sample ID: GC2C
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-06 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/30/2015 00:00	EPA 9060	100	566	mg/kg	6.1

Date Prepared: 12/30/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 12:17	Sample ID: GC2C
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-06 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.10	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	1.93	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	23.81	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	27.03	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	19.71	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	7.26	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	3.90	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	6.92	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 13:30	Sample ID: GC3A
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-07 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/30/2015 00:00	EPA 9060	100	258	mg/kg	6.1

Date Prepared: 12/30/2015

Preparation Method: Outside Preparation



**LONG
ISLAND
ANALYTICAL
LABORATORIES INC.**

110 Colin Drive • Holbrook, New York 11741

"TOMORROW'S ANALYTICAL SOLUTIONS TODAY"

Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 13:30	Sample ID: GC3A
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-07 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	19.31	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	39.38	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	14.38	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	12.96	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	3.93	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	1.17	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	5.69	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 13:30	Sample ID: GC3B
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-08 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/30/2015 00:00	EPA 9060	100	441	mg/kg	6.1

Date Prepared: 12/30/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 13:30	Sample ID: GC3B
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-08 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	9.38	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	27.06	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	31.33	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	22.05	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	6.45	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	1.09	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	0.45	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	1.89	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 13:30	Sample ID: GC3C
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-09 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/30/2015 00:00	EPA 9060	100	855	mg/kg	6.1

Date Prepared: 12/30/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 13:30	Sample ID: GC3C
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-09 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	1.69	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	5.95	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	13.10	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	29.16	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	33.90	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	10.25	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	1.31	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	0.53	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	1.79	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 14:10	Sample ID: GC4A
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-10 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/30/2015 00:00	EPA 9060	100	944	mg/kg	6.1

Date Prepared: 12/30/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 14:10	Sample ID: GC4A
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-10 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.69	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	4.84	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	19.52	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	43.68	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	17.54	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	7.66	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	1.48	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	0.84	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	2.87	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 14:10	Sample ID: GC4B
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-11 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/30/2015 00:00	EPA 9060	100	606	mg/kg	6.1

Date Prepared: 12/30/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 14:10	Sample ID: GC4B
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-11 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	3.67	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	27.45	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	30.01	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	23.86	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	9.82	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	1.84	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	0.96	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	2.39	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 14:10	Sample ID: GC4C
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-12 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/30/2015 00:00	EPA 9060	100	337	mg/kg	6.1

Date Prepared: 12/30/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 14:10	Sample ID: GC4C
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-12 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	4.11	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	12.33	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	16.44	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	31.69	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	21.46	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	7.76	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	2.19	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	1.00	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	2.56	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 14:50	Sample ID: GC5A
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-13 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/30/2015 00:00	EPA 9060	100	754	mg/kg	6.1

Date Prepared: 12/30/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 14:50	Sample ID: GC5A
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-13 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	9.79	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	22.65	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	34.39	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	19.82	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	7.01	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	1.56	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	0.97	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	2.53	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 14:50	Sample ID: GC5B
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-14 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/30/2015 00:00	EPA 9060	100	555	mg/kg	6.1

Date Prepared: 12/30/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 14:50	Sample ID: GC5B
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-14 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.92	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	18.07	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	20.45	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	21.77	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	15.57	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	11.74	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	4.22	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	2.11	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	3.83	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 14:50	Sample ID: GC5C
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-15 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/30/2015 00:00	EPA 9060	100	658	mg/kg	6.1

Date Prepared: 12/30/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 14:50	Sample ID: GC5C
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-15 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	19.11	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	24.67	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	18.62	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	11.00	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	9.31	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	3.14	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	2.54	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	4.72	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 12:50	Sample ID: GC6A
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-16 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/30/2015 00:00	EPA 9060	100	1910	mg/kg	6.1

Date Prepared: 12/30/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 12:50	Sample ID: GC6A
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-16 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	2.78	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	21.57	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	31.48	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	16.00	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	13.39	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	6.96	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	1.74	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	3.30	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 12:50	Sample ID: GC6B
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-17 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/30/2015 00:00	EPA 9060	100	799	mg/kg	6.1

Date Prepared: 12/30/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 12:50	Sample ID: GC6B
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-17 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	10.27	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	28.53	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	31.95	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	13.41	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	7.28	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	2.14	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	0.86	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	2.85	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 12:50	Sample ID: GC6C
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-18 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/30/2015 00:00	EPA 9060	100	808	mg/kg	6.1

Date Prepared: 12/30/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 12:50	Sample ID: GC6C
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-18 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	3.54	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	12.66	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	13.20	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	35.19	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	20.39	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	9.23	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	2.15	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	0.75	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	2.25	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 12:20	Sample ID: GC7A
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-19 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/30/2015 00:00	EPA 9060	100	625	mg/kg	6.1

Date Prepared: 12/30/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 12:20	Sample ID: GC7A
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-19 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	3.28	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	15.07	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	43.10	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	20.40	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	8.27	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	2.25	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	1.32	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	3.38	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 12:20	Sample ID: GC7B
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-20 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/30/2015 00:00	EPA 9060	100	772	mg/kg	6.1

Date Prepared: 12/30/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 12:20	Sample ID: GC7B
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-20 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	11.37	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	33.65	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	29.54	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	14.22	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	3.00	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	1.90	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	4.27	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 12:20	Sample ID: GC7C
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-21 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/31/2015 00:00	EPA 9060	100	1150	mg/kg	6.1

Date Prepared: 12/31/2015

Preparation Method: Outside Preparation



**LONG
ISLAND
ANALYTICAL
LABORATORIES INC.**

110 Colin Drive • Holbrook, New York 11741

"TOMORROW'S ANALYTICAL SOLUTIONS TODAY"

Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 12:20	Sample ID: GC7C
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-21 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	14.37	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	42.57	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	22.03	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	10.04	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	6.86	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	0.55	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	2.14	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 11:55	Sample ID: GC8A
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-22 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/31/2015 00:00	EPA 9060	100	917	mg/kg	6.1

Date Prepared: 12/31/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 11:55	Sample ID: GC8A
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-22 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.64	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	7.86	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	32.35	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	21.01	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	17.14	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	7.35	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	3.87	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	7.22	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 11:55	Sample ID: GC8B
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-23 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/31/2015 00:00	EPA 9060	100	1120	mg/kg	6.1

Date Prepared: 12/31/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 11:55	Sample ID: GC8B
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-23 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	3.67	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	8.81	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	12.63	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	35.39	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	24.13	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	8.10	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	2.70	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	0.81	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	2.60	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 11:55	Sample ID: GC8C
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-24 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/31/2015 00:00	EPA 9060	100	1600	mg/kg	6.1

Date Prepared: 12/31/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 11:55	Sample ID: GC8C
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-24 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	10.99	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	16.83	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	9.73	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	7.63	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	27.93	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	17.89	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	4.47	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	1.05	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	0.58	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	1.68	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 11:16	Sample ID: GC9A
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-25 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/31/2015 00:00	EPA 9060	100	1250	mg/kg	6.1

Date Prepared: 12/31/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 11:16	Sample ID: GC9A
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-25 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	10.26	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	33.90	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	21.82	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	23.25	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	2.73	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	2.34	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	2.60	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 11:16	Sample ID: GC9B
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-26 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/31/2015 00:00	EPA 9060	100	733	mg/kg	6.1

Date Prepared: 12/31/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 11:16	Sample ID: GC9B
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-26 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	2.72	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	1.31	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	8.03	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	19.55	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	29.47	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	26.02	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	7.73	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	2.58	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	0.88	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	1.31	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 11:16	Sample ID: GC9C
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-27 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/31/2015 00:00	EPA 9060	100	1550	mg/kg	6.1

Date Prepared: 12/31/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 11:16	Sample ID: GC9C
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-27 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	12.97	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	35.86	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	22.90	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	14.60	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	3.62	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	3.74	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	3.15	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 10:45	Sample ID: GC10A
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-28 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/31/2015 00:00	EPA 9060	100	642	mg/kg	6.1

Date Prepared: 12/31/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 10:45	Sample ID: GC10A
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-28 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	11.33	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	36.00	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	19.33	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	20.80	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	6.27	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	2.80	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	2.67	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 10:45	Sample ID: GC10B
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-29 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/31/2015 00:00	EPA 9060	100	502	mg/kg	6.1

Date Prepared: 12/31/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 10:45	Sample ID: GC10B
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-29 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	9.67	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	28.73	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	26.66	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	20.30	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	1.80	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	4.42	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	5.94	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 10:45	Sample ID: GC10C
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-30 % Solid:0.00
Matrix: Sludge	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
TOC	12/31/2015 00:00	EPA 9060	100	546	mg/kg	6.1

Date Prepared: 12/31/2015

Preparation Method: Outside Preparation

Client: Cashin Associates	Client ID: Grand Canal
Date (Time) Collected: 12/21/2015 10:45	Sample ID: GC10C
Date (Time) Received: 12/22/2015 16:44	Laboratory ID: 5122217-30 % Solid:0.00
Matrix: Sludge	ELAP: #11693

Sieve Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Sieve Size 2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 3/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/2 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size 1/4 inch	12/30/2015 12:07	ASTM D422-63	NA	0.00	% Retained	
Sieve Size #10	12/30/2015 12:07	ASTM D422-63	NA	16.94	% Retained	
Sieve Size #30	12/30/2015 12:07	ASTM D422-63	NA	26.88	% Retained	
Sieve Size #50	12/30/2015 12:07	ASTM D422-63	NA	21.54	% Retained	
Sieve Size #100	12/30/2015 12:07	ASTM D422-63	NA	18.53	% Retained	
Sieve Size #140	12/30/2015 12:07	ASTM D422-63	NA	4.42	% Retained	
Sieve Size #200	12/30/2015 12:07	ASTM D422-63	NA	4.01	% Retained	
Sieve Size <200	12/30/2015 12:07	ASTM D422-63	NA	4.17	% Retained	

Date Prepared: 12/24/2015

Preparation Method: Bake & Shake

Data Qualifiers Key Reference:

6.I Subcontractor NELAP #11777
 MDL Minimum Detection Limit
 LOQ Limit of Quantitation



CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS Cashin Assoc. 1200 Vets Hwy Hempstead, NY		CONTACT: Keith Brewer PHONE: 631 348 7600 FAX: EMAIL: kbrewer@ca-pea		SAMPLER (SIGNATURE) <i>[Signature]</i> SAMPLER NAME (PRINT) Andrew Thyberg		SAMPLE(S) SEALED YES / NO CORRECT CONTAINER(S) YES / NO		LABORATORY ID # 5122217	
PROJECT LOCATION: Grand Canal		TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month. Tending of samples to LIAL for analytical testing constitutes agreement by buyer/sampler to LIAL's Standard terms		SAMPLES RECEIVED AT 2.7 °C		ANALYSIS REQUIRED TIC Grain Size		# OF CONTAINERS 7	
LABORATORY ID #	MATRIX	TYPE	pH	RES CHLORINE	DATE	TIME	SAMPLE #	LOCATION	
1512217-01	SG				12/21	11:11am	GC1A		
02						11:11am	GC1B		
03						11:11am	GC1C		
04						12:17pm	GC2A		
05						12:17pm	GC2B		
06						12:17pm	GC2C		
07						1:30pm	GC3A		
08						1:30pm	GC3B		
09						1:30pm	GC3C		
10						2:10pm	GC4A		
11						2:10pm	GC4B		
12						2:10pm	GC4C		
13						2:50pm	GC5A		
14						2:50pm	GC5B		

TURNAROUND REQUIRED: NORMAL STAT BY 12/31/15

COMMENTS / INSTRUCTIONS

RECEIVED BY (SIGNATURE) *[Signature]* RECEIVED BY SAMPLE CUSTODIAN *[Signature]*

DATE 12/22 TIME 4:20 PRINTED NAME Krista Thyberg

DATE 12/22 TIME 4:42 PRINTED NAME Ben Lamberson



110 Colin Drive • Holbrook, New York 11741 • Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS CASHIN ASSOC 1200 VETS HWY HAUPEPAGE NY PROJECT LOCATION: Grand Canal		CONTACT: Keith Brewer PHONE: 631 348 7600 FAX: EMAIL: KBrewer@ca-gen		SAMPLER (SIGNATURE) <i>[Signature]</i> SAMPLER NAME (PRINT) Andrew Thyberg		SAMPLES RECEIVED AT 27 °C		SAMPLER(S) SEALED YES / NO CORRECT CONTAINER(S) YES / NO		5122217		
LABORATORY ID #	MATRIX	TYPE	PH	RES CHLORINE	DATE	TIME	SAMPLE # LOCATION	ANALYSIS REQUIRED				# OF CONTAINERS
15122217-15	SG				12/21	2:50pm	GC 5C	TOC				1
16					12/22	12:50am	GC 6A					
17						12:50pm	GC 6B					
18						12:50pm	GC 6C					
19						12:20pm	GC 7A					
20						12:20pm	GC 7B					
21						12:20pm	GC 7C					
22						11:55am	GC 8A					
23						11:55am	GC 8B					
24						11:55am	GC 8C					
25						11:16am	GC 9A					
26						11:16am	GC 9B					
27						11:16am	GC 9C					
28						10:45am	GC 10A					

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WASTE WATER
 PC=PAINT CHIPS; BM=BULK MATERIAL; O=OIL; WW=WASTE WATER
 TYPE: G=GRAB; C=COMPOSITE; SS=SPLIT SPOON
 PRES: (1) ICE; (2) HCL; (3) H₂SO₄; (4) NaOH; (5) Na₂S₂O₃; (6) HNO₃; (7) OTHER
 TURNAROUND REQUIRED: NORMAL STAT BY 12/31/15
 COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE) <i>[Signature]</i>	DATE 12/22	PRINTED NAME Krista Thyberg	RECEIVED BY (SIGNATURE) <i>[Signature]</i>	DATE 12/21	PRINTED NAME Ben Lamberson
RELINQUISHED BY (SIGNATURE) <i>[Signature]</i>	TIME 4:20	DATE 12/21	RECEIVED BY (SIGNATURE) <i>[Signature]</i>	TIME 4:20	PRINTED NAME Ben Lamberson



CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

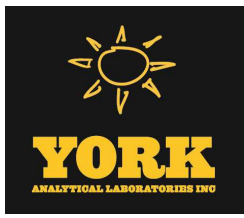
CLIENT NAME/ADDRESS Cashin Assoc 1200 Vets Hwy Hauppauge NY		CONTACT: Keith Brewer PHONE: 631 348 7000 FAX:		SAMPLER (SIGNATURE) <i>[Signature]</i>		SAMPLE(S) SEALED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		5122217
PROJECT LOCATION: Grand Canal		EMAIL: KBrewer@ca-proc.com		SAMPLER NAME (PRINT) Andrew Thyberg		CORRECT CONTAINER(S) YES / NO		

TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month. Tendering of samples to LIAL for analytical testing constitutes agreement by buyer/sampler to LIAL's Standard terms

SAMPLES RECEIVED AT: 1.7 °C

LABORATORY ID # <small>For Laboratory Use Only</small>	MATRIX	TYPE	PH	RES CHLORINE	DATE	TIME	SAMPLE # LOCATION	ANALYSIS REQUIRED	# OF CONTAINERS
1502217-29	S	G			12/22	10:45am	GC 100B	TOC	1
2. ↓ 30	S	G			12/22	10:45am	GC 100		1
3.									
4.									
5.									
6.									
7.									
8.									
9.									
10.									
11.									
12.									
13.									
14.									

TURNAROUND REQUIRED: <input type="checkbox"/> NORMAL <input type="checkbox"/> STAT BY 12/31/15		COMMENTS / INSTRUCTIONS	
RELINQUISHED BY (SIGNATURE) <i>[Signature]</i>	DATE 12/22 TIME 4:20	PRINTED NAME Krista Thyberg	RECEIVED BY (SIGNATURE) <i>[Signature]</i>
RELINQUISHED BY (SIGNATURE)	DATE TIME	PRINTED NAME	RECEIVED BY SAMPLE CUSTODIAN <i>[Signature]</i>
			DATE 12-21-11 TIME 4:10 DATE 12-21-11 TIME 4:44
			PRINTED NAME Ben Lamberson PRINTED NAME Ben Lamberson



Technical Report

prepared for:

Cashin Associates, P.C.
1200 Veterans Memorial Highway, 2nd Floor
Hauppauge NY, 11788
Attention: Keith W. Brewer

Report Date: 01/12/2016
Client Project ID: Grand Canal
York Project (SDG) No.: 15L0972

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 01/12/2016
Client Project ID: Grand Canal
York Project (SDG) No.: 15L0972

Cashin Associates, P.C.
1200 Veterans Memorial Highway, 2nd Floor
Hauppauge NY, 11788
Attention: Keith W. Brewer

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on December 23, 2015 and listed below. The project was identified as your project: **Grand Canal**.

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 Notes 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 attachment to 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>
15L0972-01	GC 1A	Soil	12/21/2015	12/23/2015
15L0972-02	GC 1B	Soil	12/21/2015	12/23/2015
15L0972-04	GC 2A	Soil	12/21/2015	12/23/2015
15L0972-05	GC 2B	Soil	12/21/2015	12/23/2015
15L0972-07	GC 3A	Soil	12/21/2015	12/23/2015
15L0972-08	GC 3B	Soil	12/21/2015	12/23/2015
15L0972-10	GC 4A	Soil	12/21/2015	12/23/2015
15L0972-11	GC 4B	Soil	12/21/2015	12/23/2015
15L0972-13	GC 5A	Soil	12/21/2015	12/23/2015
15L0972-14	GC 5B	Soil	12/21/2015	12/23/2015
15L0972-16	GC 6A	Soil	12/22/2015	12/23/2015
15L0972-17	GC 6B	Soil	12/22/2015	12/23/2015
15L0972-19	GC 7A	Soil	12/22/2015	12/23/2015
15L0972-20	GC 7B	Soil	12/22/2015	12/23/2015
15L0972-22	GC 8A	Soil	12/22/2015	12/23/2015
15L0972-23	GC 8B	Soil	12/22/2015	12/23/2015
15L0972-25	GC 9A	Soil	12/22/2015	12/23/2015
15L0972-26	GC 9B	Soil	12/22/2015	12/23/2015
15L0972-28	GC 10A	Soil	12/22/2015	12/23/2015
15L0972-29	GC 10B	Soil	12/22/2015	12/23/2015
15L0972-31	Dioxin A	Soil	12/21/2015	12/23/2015
15L0972-32	Dioxin B	Soil	12/21/2015	12/23/2015

General Notes for York Project (SDG) No.: 15L0972

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 samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

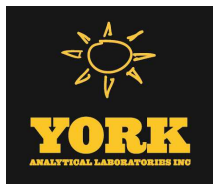
Approved By:



Benjamin Gulizia
Laboratory Director

Date: 01/12/2016





Sample Information

Client Sample ID: GC 1A

York Sample ID: 15L0972-01

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 21, 2015 11:11 am	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Volatile Organics, BTEX

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

Sample Prepared by Method: EPA 5035A

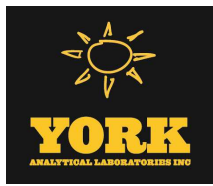
CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 17:35	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 17:35	BK
95-47-6	o-Xylene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 08:06	01/04/2016 17:35	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	13	25	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 08:06	01/04/2016 17:35	BK
108-88-3	Toluene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 17:35	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	19	38	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 17:35	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %			77-125						
2037-26-5	Surrogate: Toluene-d8	95.4 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	92.9 %			76-130						

Semi-Volatiles, 8270 Base/Neutrals

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	106	212	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 18:54	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	106	212	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:01	01/04/2016 18:54	SR
83-32-9	Acenaphthene	ND		ug/kg dry	106	212	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 18:54	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	106	212	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 18:54	SR
120-12-7	Anthracene	ND		ug/kg dry	106	212	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 18:54	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	106	212	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 18:54	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	106	212	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 18:54	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	106	212	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 18:54	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	106	212	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 18:54	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	106	212	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 18:54	SR
218-01-9	Chrysene	ND		ug/kg dry	106	212	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 18:54	SR



Sample Information

Client Sample ID: GC 1A

York Sample ID: 15L0972-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 21, 2015 11:11 am

12/23/2015

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	106	212	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 18:54	SR
206-44-0	Fluoranthene	ND		ug/kg dry	106	212	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 18:54	SR
86-73-7	Fluorene	ND		ug/kg dry	106	212	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 18:54	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	106	212	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 18:54	SR
91-20-3	Naphthalene	ND		ug/kg dry	106	212	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:01	01/04/2016 18:54	SR
85-01-8	Phenanthrene	ND		ug/kg dry	106	212	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 18:54	SR
129-00-0	Pyrene	ND		ug/kg dry	106	212	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 18:54	SR
	* Total PAH	ND		ug/kg dry	213	846	2	EPA 8270D Certifications:	01/04/2016 09:01	01/04/2016 18:54	SR

Surrogate Recoveries

Result

Acceptance Range

4165-60-0	Surrogate: Nitrobenzene-d5	56.1 %		22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	57.2 %		21-113
1718-51-0	Surrogate: Terphenyl-d14	94.5 %		24-116

Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	4.19	4.19	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 13:49	AMC
72-55-9	4,4'-DDE	11.4		ug/kg dry	4.19	4.19	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 13:49	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	4.19	4.19	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 13:49	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	168	168	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 13:49	AMC
60-57-1	Dieldrin	ND		ug/kg dry	4.19	4.19	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 13:49	AMC
2385-85-5	* Mirex	ND		ug/kg dry	4.19	4.19	5	EPA 8081B Certifications:	01/04/2016 08:26	01/05/2016 13:49	AMC

Surrogate Recoveries

Result

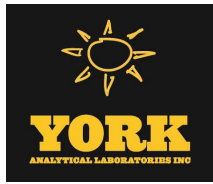
Acceptance Range

877-09-8	Surrogate: Tetrachloro-m-xylene	72.1 %		30-140
2051-24-3	Surrogate: Decachlorobiphenyl	68.4 %		30-140

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: GC 1A

York Sample ID: 15L0972-01

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 21, 2015 11:11 am	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0423	0.0423	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 01:07	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0423	0.0423	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 01:07	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0423	0.0423	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 01:07	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0423	0.0423	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 01:07	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0423	0.0423	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 01:07	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0423	0.0423	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 01:07	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0423	0.0423	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 01:07	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0423	0.0423	1	EPA 8082A Certifications:	01/04/2016 08:26	01/05/2016 01:07	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	85.6 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	79.7 %			30-140						

Copper by EPA 6010

Log-in Notes: VOA-CONT Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	63.7		mg/kg dry	1.27	1.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 13:00	ALD

Metals, RCRA

Log-in Notes: VOA-CONT Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	8.56		mg/kg dry	2.54	2.54	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:00	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.762	0.762	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:00	ALD
7440-47-3	Chromium	19.8		mg/kg dry	1.27	1.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:00	ALD
7439-92-1	Lead	31.3		mg/kg dry	0.762	0.762	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:00	ALD
7440-22-4	Silver	ND		mg/kg dry	1.27	1.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:00	ALD

Nickel by EPA 6010

Log-in Notes: VOA-CONT Sample Notes:

Sample Prepared by Method: EPA 3050B

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



Sample Information

Client Sample ID: GC 1A

York Sample ID: 15L0972-01

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 21, 2015 11:11 am	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Nickel by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	10.2		mg/kg dry	1.27	1.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:00	ALD

Zinc by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	80.4		mg/kg dry	2.54	2.54	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 13:00	ALD

Mercury by 7473

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.183		mg/kg dry	0.0762	0.0762	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/31/2015 08:50	12/31/2015 10:34	ALD

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	39.4		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	12/31/2015 08:17	12/31/2015 13:15	KK

Sample Information

Client Sample ID: GC 1B

York Sample ID: 15L0972-02

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 21, 2015 11:11 am	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

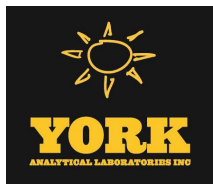
Volatile Organics, BTEX

Log-in Notes: VOA-CONT

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 18:16	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 18:16	BK
95-47-6	o-Xylene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 08:06	01/04/2016 18:16	BK



Sample Information

Client Sample ID: GC 1B

York Sample ID: 15L0972-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 21, 2015 11:11 am

12/23/2015

Volatile Organics, BTEX

Log-in Notes: VOA-CONT

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.8	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 08:06	01/04/2016 18:16	BK
108-88-3	Toluene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 18:16	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	10	20	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 18:16	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.0 %			77-125						
2037-26-5	Surrogate: Toluene-d8	95.4 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	99.6 %			76-130						

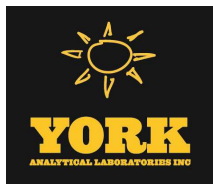
Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:26	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:01	01/04/2016 19:26	SR
83-32-9	Acenaphthene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:26	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:26	SR
120-12-7	Anthracene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:26	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:26	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:26	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:26	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:26	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:26	SR
218-01-9	Chrysene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:26	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:26	SR
206-44-0	Fluoranthene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:26	SR
86-73-7	Fluorene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:26	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:26	SR



Sample Information

Client Sample ID: GC 1B

York Sample ID: 15L0972-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 21, 2015 11:11 am

12/23/2015

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:01	01/04/2016 19:26	SR
85-01-8	Phenanthrene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:26	SR
129-00-0	Pyrene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:26	SR
	* Total PAH	ND		ug/kg dry	114	453	2	EPA 8270D Certifications:	01/04/2016 09:01	01/04/2016 19:26	SR
	Surrogate Recoveries	Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	73.9 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	75.8 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	125 %			24-116						

Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 14:04	AMC
72-55-9	4,4'-DDE	6.53		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 14:04	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 14:04	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	89.7	89.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 14:04	AMC
60-57-1	Dieldrin	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 14:04	AMC
2385-85-5	* Mirex	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications:	01/04/2016 08:26	01/05/2016 14:04	AMC
	Surrogate Recoveries	Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	68.6 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	69.5 %			30-140						

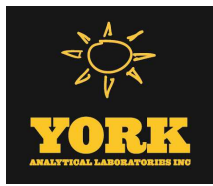
Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0227	0.0227	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 01:36	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0227	0.0227	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 01:36	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0227	0.0227	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 01:36	AMC



Sample Information

Client Sample ID: GC 1B

York Sample ID: 15L0972-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 21, 2015 11:11 am

12/23/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0227	0.0227	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 01:36	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0227	0.0227	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 01:36	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0227	0.0227	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 01:36	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0227	0.0227	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 01:36	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0227	0.0227	1	EPA 8082A Certifications:	01/04/2016 08:26	01/05/2016 01:36	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	81.6 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	88.4 %	30-140								

Copper by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	20.7		mg/kg dry	0.680	0.680	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 13:17	ALD

Metals, RCRA

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	4.95		mg/kg dry	1.36	1.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:17	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.408	0.408	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:17	ALD
7440-47-3	Chromium	9.20		mg/kg dry	0.680	0.680	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:17	ALD
7439-92-1	Lead	12.0		mg/kg dry	0.408	0.408	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:17	ALD
7440-22-4	Silver	ND		mg/kg dry	0.680	0.680	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:17	ALD

Nickel by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

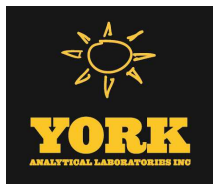
Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	5.78		mg/kg dry	0.680	0.680	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:17	ALD

Zinc by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: GC 1B

York Sample ID: 15L0972-02

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 21, 2015 11:11 am	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	171		mg/kg dry	1.36	1.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 13:17	ALD

Mercury by 7473

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0553		mg/kg dry	0.0408	0.0408	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/31/2015 08:50	12/31/2015 11:53	ALD

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	73.5		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	12/31/2015 08:17	12/31/2015 13:15	KK

Sample Information

Client Sample ID: GC 2A

York Sample ID: 15L0972-04

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 21, 2015 12:17 pm	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Volatile Organics, BTEX

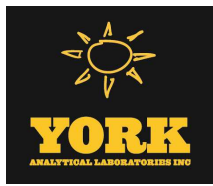
Log-in Notes: VOA-CONT

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	10	20	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 18:56	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	10	20	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 18:56	BK
95-47-6	o-Xylene	ND		ug/kg dry	10	20	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 08:06	01/04/2016 18:56	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	20	40	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 08:06	01/04/2016 18:56	BK
108-88-3	Toluene	ND		ug/kg dry	10	20	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 18:56	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	30	60	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 18:56	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.9 %	77-125
2037-26-5	Surrogate: Toluene-d8	99.0 %	85-120



Sample Information

Client Sample ID: GC 2A

York Sample ID: 15L0972-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 21, 2015 12:17 pm

12/23/2015

Volatile Organics, BTEX

Log-in Notes: VOA-CONT

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	101 %			76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	167	332	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:58	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	167	332	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:01	01/04/2016 19:58	SR
83-32-9	Acenaphthene	ND		ug/kg dry	167	332	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:58	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	167	332	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:58	SR
120-12-7	Anthracene	ND		ug/kg dry	167	332	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:58	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	167	332	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:58	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	167	332	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:58	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	167	332	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:58	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	167	332	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:58	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	167	332	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:58	SR
218-01-9	Chrysene	ND		ug/kg dry	167	332	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:58	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	167	332	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:58	SR
206-44-0	Fluoranthene	ND		ug/kg dry	167	332	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:58	SR
86-73-7	Fluorene	ND		ug/kg dry	167	332	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:58	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	167	332	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:58	SR
91-20-3	Naphthalene	ND		ug/kg dry	167	332	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:01	01/04/2016 19:58	SR
85-01-8	Phenanthrene	ND		ug/kg dry	167	332	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:58	SR
129-00-0	Pyrene	ND		ug/kg dry	167	332	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 19:58	SR
	* Total PAH	ND		ug/kg dry	335	1330	2	EPA 8270D Certifications:	01/04/2016 09:01	01/04/2016 19:58	SR

Surrogate Recoveries

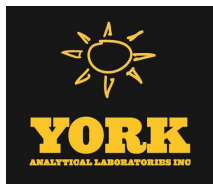
Result

Acceptance Range

4165-60-0 Surrogate: Nitrobenzene-d5

67.4 %

22-108



Sample Information

Client Sample ID: GC 2A

York Sample ID: 15L0972-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 21, 2015 12:17 pm

12/23/2015

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: 2-Fluorobiphenyl	67.0 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	112 %			24-116						

Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	6.58	6.58	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 14:20	AMC
72-55-9	4,4'-DDE	33.1		ug/kg dry	6.58	6.58	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 14:20	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	6.58	6.58	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 14:20	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	263	263	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 14:20	AMC
60-57-1	Dieldrin	ND		ug/kg dry	6.58	6.58	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 14:20	AMC
2385-85-5	* Mirex	ND		ug/kg dry	6.58	6.58	5	EPA 8081B Certifications:	01/04/2016 08:26	01/05/2016 14:20	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	71.1 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	66.3 %			30-140						

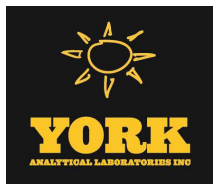
Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0664	0.0664	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 02:34	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0664	0.0664	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 02:34	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0664	0.0664	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 02:34	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0664	0.0664	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 02:34	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0664	0.0664	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 02:34	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0664	0.0664	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 02:34	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0664	0.0664	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 02:34	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0664	0.0664	1	EPA 8082A Certifications:	01/04/2016 08:26	01/05/2016 02:34	AMC
Surrogate Recoveries		Result			Acceptance Range						



Sample Information

Client Sample ID: GC 2A

York Sample ID: 15L0972-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 21, 2015 12:17 pm

12/23/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	Surrogate: Tetrachloro-m-xylene	74.6 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	76.3 %			30-140						

Copper by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	103		mg/kg dry	1.99	1.99	1	EPA 6010C	12/31/2015 09:19	12/31/2015 13:22	ALD
									Certifications: CTDOH,NELAC-NY10854,NJDEP		

Metals, RCRA

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	15.8		mg/kg dry	3.99	3.99	1	EPA 6010C	12/31/2015 09:19	12/31/2015 13:22	ALD
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	1.20	1.20	1	EPA 6010C	12/31/2015 09:19	12/31/2015 13:22	ALD
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	42.6		mg/kg dry	1.99	1.99	1	EPA 6010C	12/31/2015 09:19	12/31/2015 13:22	ALD
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	64.5		mg/kg dry	1.20	1.20	1	EPA 6010C	12/31/2015 09:19	12/31/2015 13:22	ALD
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	1.99	1.99	1	EPA 6010C	12/31/2015 09:19	12/31/2015 13:22	ALD
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	24.6		mg/kg dry	1.99	1.99	1	EPA 6010C	12/31/2015 09:19	12/31/2015 13:22	ALD
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP		

Zinc by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	180		mg/kg dry	3.99	3.99	1	EPA 6010C	12/31/2015 09:19	12/31/2015 13:22	ALD
									Certifications: CTDOH,NELAC-NY10854,NJDEP		

Mercury by 7473

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

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



Sample Information

Client Sample ID: GC 2A

York Sample ID: 15L0972-04

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 21, 2015 12:17 pm	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Mercury by 7473

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.376		mg/kg dry	0.120	0.120	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/31/2015 08:50	12/31/2015 11:59	ALD

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	25.1		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	12/31/2015 08:17	12/31/2015 13:15	KK

Sample Information

Client Sample ID: GC 2B

York Sample ID: 15L0972-05

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 21, 2015 12:17 pm	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Volatile Organics, BTEX

Log-in Notes: VOA-CONT

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

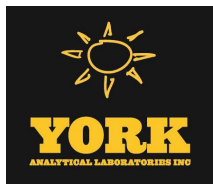
CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 19:37	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 19:37	BK
95-47-6	o-Xylene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 08:06	01/04/2016 19:37	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	13	25	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 08:06	01/04/2016 19:37	BK
108-88-3	Toluene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 19:37	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	19	38	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 19:37	BK

Surrogate Recoveries	Result	Acceptance Range
17060-07-0 Surrogate: 1,2-Dichloroethane-d4	105 %	77-125
2037-26-5 Surrogate: Toluene-d8	96.2 %	85-120
460-00-4 Surrogate: p-Bromofluorobenzene	98.4 %	76-130

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: GC 2B

York Sample ID: 15L0972-05

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 21, 2015 12:17 pm	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	105	210	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 20:29	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	105	210	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:01	01/04/2016 20:29	SR
83-32-9	Acenaphthene	ND		ug/kg dry	105	210	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 20:29	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	105	210	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 20:29	SR
120-12-7	Anthracene	ND		ug/kg dry	105	210	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 20:29	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	105	210	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 20:29	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	105	210	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 20:29	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	105	210	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 20:29	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	105	210	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 20:29	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	105	210	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 20:29	SR
218-01-9	Chrysene	ND		ug/kg dry	105	210	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 20:29	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	105	210	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 20:29	SR
206-44-0	Fluoranthene	ND		ug/kg dry	105	210	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 20:29	SR
86-73-7	Fluorene	ND		ug/kg dry	105	210	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 20:29	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	105	210	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 20:29	SR
91-20-3	Naphthalene	ND		ug/kg dry	105	210	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:01	01/04/2016 20:29	SR
85-01-8	Phenanthrene	ND		ug/kg dry	105	210	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 20:29	SR
129-00-0	Pyrene	ND		ug/kg dry	105	210	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 20:29	SR
	* Total PAH	ND		ug/kg dry	212	839	2	EPA 8270D Certifications:	01/04/2016 09:01	01/04/2016 20:29	SR

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	Surrogate: Nitrobenzene-d5	84.8 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	85.6 %	21-113
1718-51-0	Surrogate: Terphenyl-d14	141 %	24-116

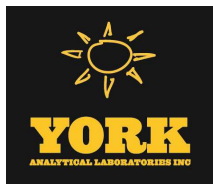
Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

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



Sample Information

Client Sample ID: GC 2B

York Sample ID: 15L0972-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 21, 2015 12:17 pm

12/23/2015

Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	156		ug/kg dry	4.16	4.16	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 14:35	AMC
72-55-9	4,4'-DDE	22.7		ug/kg dry	4.16	4.16	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 14:35	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	4.16	4.16	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 14:35	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	166	166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 14:35	AMC
60-57-1	Dieldrin	ND		ug/kg dry	4.16	4.16	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 14:35	AMC
2385-85-5	* Mirex	ND		ug/kg dry	4.16	4.16	5	EPA 8081B Certifications:	01/04/2016 08:26	01/05/2016 14:35	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	71.7 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	75.2 %			30-140						

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

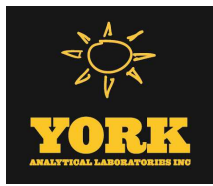
Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0420	0.0420	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 03:03	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0420	0.0420	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 03:03	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0420	0.0420	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 03:03	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0420	0.0420	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 03:03	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0420	0.0420	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 03:03	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0420	0.0420	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 03:03	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0420	0.0420	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 03:03	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0420	0.0420	1	EPA 8082A Certifications:	01/04/2016 08:26	01/05/2016 03:03	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	89.1 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	87.4 %			30-140						

Copper by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: GC 2B

York Sample ID: 15L0972-05

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 21, 2015 12:17 pm	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	55.8		mg/kg dry	1.26	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 13:26	ALD

Metals, RCRA

Log-in Notes: VOA-CONT Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	13.6		mg/kg dry	2.52	2.52	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:26	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.756	0.756	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:26	ALD
7440-47-3	Chromium	35.4		mg/kg dry	1.26	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:26	ALD
7439-92-1	Lead	50.7		mg/kg dry	0.756	0.756	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:26	ALD
7440-22-4	Silver	ND		mg/kg dry	1.26	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:26	ALD

Nickel by EPA 6010

Log-in Notes: VOA-CONT Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	21.3		mg/kg dry	1.26	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:26	ALD

Zinc by EPA 6010

Log-in Notes: VOA-CONT Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	108		mg/kg dry	2.52	2.52	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 13:26	ALD

Mercury by 7473

Log-in Notes: VOA-CONT Sample Notes:

Sample Prepared by Method: EPA 7473 soil

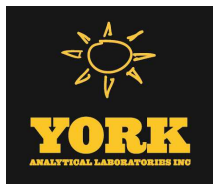
CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.293		mg/kg dry	0.0756	0.0756	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/31/2015 08:50	12/31/2015 12:08	ALD

Total Solids

Log-in Notes: VOA-CONT Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	39.7		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	12/31/2015 08:17	12/31/2015 13:15	KK



Sample Information

Client Sample ID: GC 2B

York Sample ID: 15L0972-05

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
15L0972	Grand Canal	Soil	December 21, 2015 12:17 pm	12/23/2015

Sample Information

Client Sample ID: GC 3A

York Sample ID: 15L0972-07

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
15L0972	Grand Canal	Soil	December 21, 2015 1:30 pm	12/23/2015

Volatile Organics, BTEX

Log-in Notes: VOA-CONT

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	9.1	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 20:17	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	9.1	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 20:17	BK
95-47-6	o-Xylene	ND		ug/kg dry	9.1	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 08:06	01/04/2016 20:17	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	18	36	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 08:06	01/04/2016 20:17	BK
108-88-3	Toluene	ND		ug/kg dry	9.1	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 20:17	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	27	54	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 20:17	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	77-125								
2037-26-5	Surrogate: Toluene-d8	96.0 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	96.1 %	76-130								

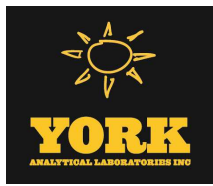
Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	151	302	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:01	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	151	302	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:01	01/04/2016 21:01	SR
83-32-9	Acenaphthene	ND		ug/kg dry	151	302	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:01	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	151	302	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:01	SR
120-12-7	Anthracene	ND		ug/kg dry	151	302	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:01	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	151	302	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:01	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	151	302	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:01	SR



Sample Information

Client Sample ID: GC 3A

York Sample ID: 15L0972-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 21, 2015 1:30 pm

12/23/2015

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	151	302	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:01	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	151	302	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:01	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	151	302	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:01	SR
218-01-9	Chrysene	ND		ug/kg dry	151	302	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:01	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	151	302	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:01	SR
206-44-0	Fluoranthene	ND		ug/kg dry	151	302	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:01	SR
86-73-7	Fluorene	ND		ug/kg dry	151	302	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:01	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	151	302	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:01	SR
91-20-3	Naphthalene	ND		ug/kg dry	151	302	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:01	01/04/2016 21:01	SR
85-01-8	Phenanthrene	ND		ug/kg dry	151	302	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:01	SR
129-00-0	Pyrene	ND		ug/kg dry	151	302	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:01	SR
	* Total PAH	ND		ug/kg dry	304	1210	2	EPA 8270D Certifications:	01/04/2016 09:01	01/04/2016 21:01	SR

Surrogate Recoveries

Result

Acceptance Range

4165-60-0	Surrogate: Nitrobenzene-d5	76.0 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	78.0 %	21-113
1718-51-0	Surrogate: Terphenyl-d14	136 %	24-116

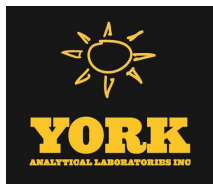
Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	14.9		ug/kg dry	5.97	5.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 14:50	AMC
72-55-9	4,4'-DDE	9.05		ug/kg dry	5.97	5.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 14:50	AMC
50-29-3	4,4'-DDT	11.8		ug/kg dry	5.97	5.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 14:50	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	239	239	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 14:50	AMC
60-57-1	Dieldrin	ND		ug/kg dry	5.97	5.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 14:50	AMC
2385-85-5	* Mirex	ND		ug/kg dry	5.97	5.97	5	EPA 8081B Certifications:	01/04/2016 08:26	01/05/2016 14:50	AMC



Sample Information

Client Sample ID: GC 3A

York Sample ID: 15L0972-07

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 21, 2015 1:30 pm	<u>Date Received</u> 12/23/2015
--	---	-----------------------	--	------------------------------------

Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	77.6 %									
2051-24-3	Surrogate: Decachlorobiphenyl	73.2 %									

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0603	0.0603	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 03:32	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0603	0.0603	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 03:32	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0603	0.0603	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 03:32	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0603	0.0603	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 03:32	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0603	0.0603	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 03:32	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0603	0.0603	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 03:32	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0603	0.0603	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 03:32	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0603	0.0603	1	EPA 8082A Certifications:	01/04/2016 08:26	01/05/2016 03:32	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	94.5 %									
2051-24-3	Surrogate: Decachlorobiphenyl	91.8 %									

Copper by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	73.1		mg/kg dry	1.81	1.81	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 13:31	ALD

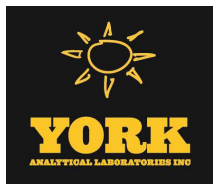
Metals, RCRA

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	15.8		mg/kg dry	3.62	3.62	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:31	ALD
7440-43-9	Cadmium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:31	ALD



Sample Information

Client Sample ID: GC 3A

York Sample ID: 15L0972-07

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 21, 2015 1:30 pm	<u>Date Received</u> 12/23/2015
--	---	-----------------------	--	------------------------------------

Metals, RCRA

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	55.6		mg/kg dry	1.81	1.81	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:31	ALD
7439-92-1	Lead	75.6		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:31	ALD
7440-22-4	Silver	ND		mg/kg dry	1.81	1.81	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:31	ALD

Nickel by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	32.2		mg/kg dry	1.81	1.81	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:31	ALD

Zinc by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	178		mg/kg dry	3.62	3.62	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 13:31	ALD

Mercury by 7473

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.331		mg/kg dry	0.109	0.109	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/31/2015 08:50	12/31/2015 12:17	ALD

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	27.6		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	12/31/2015 08:17	12/31/2015 13:15	KK

Sample Information

Client Sample ID: GC 3B

York Sample ID: 15L0972-08

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 21, 2015 1:30 pm	<u>Date Received</u> 12/23/2015
--	---	-----------------------	--	------------------------------------



Sample Information

Client Sample ID: GC 3B

York Sample ID: 15L0972-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 21, 2015 1:30 pm

12/23/2015

Volatile Organics, BTEX

Log-in Notes: VOA-CONT

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 20:58	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 20:58	BK
95-47-6	o-Xylene	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 08:06	01/04/2016 20:58	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	23	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 08:06	01/04/2016 20:58	BK
108-88-3	Toluene	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 20:58	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	17	34	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 20:58	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %			77-125						
2037-26-5	Surrogate: Toluene-d8	96.1 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	95.9 %			76-130						

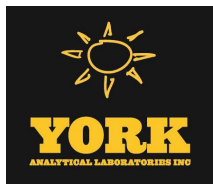
Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:33	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:01	01/04/2016 21:33	SR
83-32-9	Acenaphthene	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:33	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:33	SR
120-12-7	Anthracene	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:33	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:33	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:33	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:33	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:33	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:33	SR
218-01-9	Chrysene	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:33	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:33	SR



Sample Information

Client Sample ID: GC 3B

York Sample ID: 15L0972-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 21, 2015 1:30 pm

12/23/2015

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:33	SR
86-73-7	Fluorene	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:33	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:33	SR
91-20-3	Naphthalene	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:01	01/04/2016 21:33	SR
85-01-8	Phenanthrene	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:33	SR
129-00-0	Pyrene	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 21:33	SR
	* Total PAH	ND		ug/kg dry	190	756	2	EPA 8270D Certifications:	01/04/2016 09:01	01/04/2016 21:33	SR
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	67.7 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	72.2 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	129 %			24-116						

Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	3.74	3.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 15:06	AMC
72-55-9	4,4'-DDE	ND		ug/kg dry	3.74	3.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 15:06	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	3.74	3.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 15:06	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	150	150	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 15:06	AMC
60-57-1	Dieldrin	ND		ug/kg dry	3.74	3.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 15:06	AMC
2385-85-5	* Mirex	ND		ug/kg dry	3.74	3.74	5	EPA 8081B Certifications:	01/04/2016 08:26	01/05/2016 15:06	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	70.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	69.6 %			30-140						

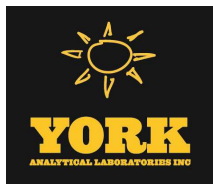
Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

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



Sample Information

Client Sample ID: GC 3B

York Sample ID: 15L0972-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 21, 2015 1:30 pm

12/23/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0378	0.0378	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 04:01	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0378	0.0378	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 04:01	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0378	0.0378	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 04:01	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0378	0.0378	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 04:01	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0378	0.0378	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 04:01	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0378	0.0378	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 04:01	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0378	0.0378	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 04:01	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0378	0.0378	1	EPA 8082A Certifications:	01/04/2016 08:26	01/05/2016 04:01	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	84.1 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	82.6 %	30-140								

Copper by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	19.6		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 13:36	ALD

Metals, RCRA

Log-in Notes: VOA-CONT

Sample Notes:

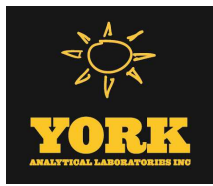
Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	8.50		mg/kg dry	2.27	2.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:36	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.680	0.680	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:36	ALD
7440-47-3	Chromium	33.9		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:36	ALD
7439-92-1	Lead	37.6		mg/kg dry	0.680	0.680	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:36	ALD
7440-22-4	Silver	ND		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:36	ALD

Nickel by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: GC 3B

York Sample ID: 15L0972-08

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 21, 2015 1:30 pm	<u>Date Received</u> 12/23/2015
--	---	-----------------------	--	------------------------------------

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	18.7		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:36	ALD

Zinc by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	64.6		mg/kg dry	2.27	2.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 13:36	ALD

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.199		mg/kg dry	0.0680	0.0680	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/31/2015 08:50	12/31/2015 12:26	ALD

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	44.1		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	12/31/2015 08:17	12/31/2015 13:15	KK

Sample Information

Client Sample ID: GC 4A

York Sample ID: 15L0972-10

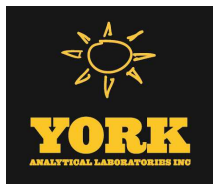
<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 21, 2015 2:10 pm	<u>Date Received</u> 12/23/2015
--	---	-----------------------	--	------------------------------------

Volatile Organics, BTEX

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	11	23	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 21:38	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	11	23	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 21:38	BK
95-47-6	o-Xylene	ND		ug/kg dry	11	23	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 08:06	01/04/2016 21:38	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	23	45	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 08:06	01/04/2016 21:38	BK



Sample Information

Client Sample ID: GC 4A

York Sample ID: 15L0972-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 21, 2015 2:10 pm

12/23/2015

Volatile Organics, BTEX

Log-in Notes: VOA-CONT

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/kg dry	11	23	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 21:38	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	34	68	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 21:38	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %			77-125						
2037-26-5	Surrogate: Toluene-d8	98.2 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	99.8 %			76-130						

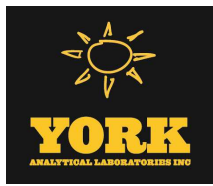
Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	190	379	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:05	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	190	379	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:01	01/04/2016 22:05	SR
83-32-9	Acenaphthene	ND		ug/kg dry	190	379	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:05	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	190	379	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:05	SR
120-12-7	Anthracene	ND		ug/kg dry	190	379	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:05	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	190	379	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:05	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	190	379	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:05	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	190	379	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:05	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	190	379	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:05	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	190	379	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:05	SR
218-01-9	Chrysene	ND		ug/kg dry	190	379	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:05	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	190	379	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:05	SR
206-44-0	Fluoranthene	ND		ug/kg dry	190	379	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:05	SR
86-73-7	Fluorene	ND		ug/kg dry	190	379	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:05	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	190	379	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:05	SR
91-20-3	Naphthalene	ND		ug/kg dry	190	379	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:01	01/04/2016 22:05	SR



Sample Information

Client Sample ID: GC 4A

York Sample ID: 15L0972-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 21, 2015 2:10 pm

12/23/2015

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/kg dry	190	379	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:05	SR
129-00-0	Pyrene	ND		ug/kg dry	190	379	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:05	SR
	* Total PAH	ND		ug/kg dry	382	1520	2	EPA 8270D Certifications:	01/04/2016 09:01	01/04/2016 22:05	SR
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	66.8 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	69.6 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	120 %			24-116						

Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	256		ug/kg dry	7.50	7.50	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 15:21	AMC
72-55-9	4,4'-DDE	59.7		ug/kg dry	7.50	7.50	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 15:21	AMC
50-29-3	4,4'-DDT	91.3		ug/kg dry	7.50	7.50	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 15:21	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	300	300	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 15:21	AMC
60-57-1	Dieldrin	ND		ug/kg dry	7.50	7.50	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 15:21	AMC
2385-85-5	* Mirex	ND		ug/kg dry	7.50	7.50	5	EPA 8081B Certifications:	01/04/2016 08:26	01/05/2016 15:21	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	57.4 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	50.2 %			30-140						

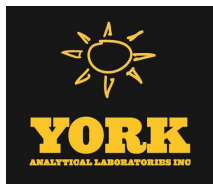
Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0757	0.0757	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 04:30	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0757	0.0757	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 04:30	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0757	0.0757	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 04:30	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0757	0.0757	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 04:30	AMC



Sample Information

Client Sample ID: GC 4A

York Sample ID: 15L0972-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 21, 2015 2:10 pm

12/23/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0757	0.0757	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 04:30	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0757	0.0757	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 04:30	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0757	0.0757	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 04:30	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0757	0.0757	1	EPA 8082A Certifications:	01/04/2016 08:26	01/05/2016 04:30	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	69.2 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	68.6 %	30-140								

Copper by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	152		mg/kg dry	2.27	2.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 13:53	ALD

Metals, RCRA

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	11.4		mg/kg dry	4.55	4.55	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:53	ALD
7440-43-9	Cadmium	ND		mg/kg dry	1.36	1.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:53	ALD
7440-47-3	Chromium	21.5		mg/kg dry	2.27	2.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:53	ALD
7439-92-1	Lead	64.4		mg/kg dry	1.36	1.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:53	ALD
7440-22-4	Silver	ND		mg/kg dry	2.27	2.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:53	ALD

Nickel by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	13.0		mg/kg dry	2.27	2.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:53	ALD

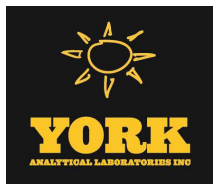
Zinc by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

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



Sample Information

Client Sample ID: GC 4A

York Sample ID: 15L0972-10

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 21, 2015 2:10 pm	<u>Date Received</u> 12/23/2015
--	---	-----------------------	--	------------------------------------

Zinc by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	125		mg/kg dry	4.55	4.55	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 13:53	ALD

Mercury by 7473

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.433		mg/kg dry	0.136	0.136	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/31/2015 08:50	12/31/2015 12:35	ALD

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	22.0		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	12/31/2015 08:17	12/31/2015 13:15	KK

Sample Information

Client Sample ID: GC 4B

York Sample ID: 15L0972-11

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 21, 2015 2:10 pm	<u>Date Received</u> 12/23/2015
--	---	-----------------------	--	------------------------------------

Volatile Organics, BTEX

Log-in Notes: VOA-CONT

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 22:18	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 22:18	BK
95-47-6	o-Xylene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 08:06	01/04/2016 22:18	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	17	34	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 08:06	01/04/2016 22:18	BK
108-88-3	Toluene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 22:18	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	26	51	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:06	01/04/2016 22:18	BK

Surrogate Recoveries Result Acceptance Range



Sample Information

Client Sample ID: GC 4B

York Sample ID: 15L0972-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 21, 2015 2:10 pm

12/23/2015

Volatile Organics, BTEX

Log-in Notes: VOA-CONT

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %			77-125						
2037-26-5	Surrogate: Toluene-d8	98.7 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	99.1 %			76-130						

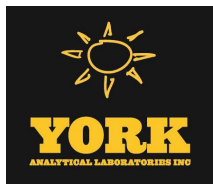
Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	143	285	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:38	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	143	285	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:01	01/04/2016 22:38	SR
83-32-9	Acenaphthene	ND		ug/kg dry	143	285	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:38	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	143	285	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:38	SR
120-12-7	Anthracene	ND		ug/kg dry	143	285	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:38	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	143	285	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:38	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	143	285	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:38	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	143	285	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:38	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	143	285	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:38	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	143	285	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:38	SR
218-01-9	Chrysene	ND		ug/kg dry	143	285	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:38	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	143	285	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:38	SR
206-44-0	Fluoranthene	ND		ug/kg dry	143	285	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:38	SR
86-73-7	Fluorene	ND		ug/kg dry	143	285	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:38	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	143	285	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:38	SR
91-20-3	Naphthalene	ND		ug/kg dry	143	285	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:01	01/04/2016 22:38	SR
85-01-8	Phenanthrene	ND		ug/kg dry	143	285	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:38	SR
129-00-0	Pyrene	ND		ug/kg dry	143	285	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 22:38	SR
	* Total PAH	ND		ug/kg dry	287	1140	2	EPA 8270D Certifications:	01/04/2016 09:01	01/04/2016 22:38	SR



Sample Information

Client Sample ID: GC 4B

York Sample ID: 15L0972-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 21, 2015 2:10 pm

12/23/2015

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	46.4 %			22	108					
321-60-8	Surrogate: 2-Fluorobiphenyl	47.0 %			21	113					
1718-51-0	Surrogate: Terphenyl-d14	79.5 %			24	116					

Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	153		ug/kg dry	5.63	5.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 15:36	AMC
72-55-9	4,4'-DDE	33.5		ug/kg dry	5.63	5.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 15:36	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	5.63	5.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 15:36	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	225	225	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 15:36	AMC
60-57-1	Dieldrin	ND		ug/kg dry	5.63	5.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 15:36	AMC
2385-85-5	* Mirex	ND		ug/kg dry	5.63	5.63	5	EPA 8081B Certifications:	01/04/2016 08:26	01/05/2016 15:36	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	69.8 %			30	140					
2051-24-3	Surrogate: Decachlorobiphenyl	69.2 %			30	140					

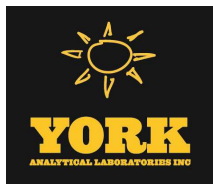
Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0569	0.0569	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 05:00	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0569	0.0569	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 05:00	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0569	0.0569	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 05:00	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0569	0.0569	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 05:00	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0569	0.0569	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 05:00	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0569	0.0569	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 05:00	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0569	0.0569	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 05:00	AMC



Sample Information

Client Sample ID: GC 4B

York Sample ID: 15L0972-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 21, 2015 2:10 pm

12/23/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0569	0.0569	1	EPA 8082A Certifications:	01/04/2016 08:26	01/05/2016 05:00	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	77.1 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	75.8 %	30-140								

Copper by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	87.9		mg/kg dry	1.71	1.71	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 13:58	ALD

Metals, RCRA

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	22.9		mg/kg dry	3.41	3.41	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:58	ALD
7440-43-9	Cadmium	ND		mg/kg dry	1.02	1.02	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:58	ALD
7440-47-3	Chromium	25.7		mg/kg dry	1.71	1.71	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:58	ALD
7439-92-1	Lead	68.4		mg/kg dry	1.02	1.02	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:58	ALD
7440-22-4	Silver	ND		mg/kg dry	1.71	1.71	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:58	ALD

Nickel by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	17.3		mg/kg dry	1.71	1.71	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 13:58	ALD

Zinc by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

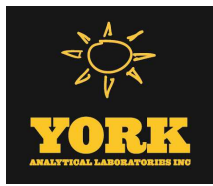
Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	101		mg/kg dry	3.41	3.41	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 13:58	ALD

Mercury by 7473

Log-in Notes: VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: GC 4B

York Sample ID: 15L0972-11

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 21, 2015 2:10 pm	<u>Date Received</u> 12/23/2015
--	---	-----------------------	--	------------------------------------

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.498		mg/kg dry	0.102	0.102	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/31/2015 08:50	12/31/2015 12:44	ALD

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	29.3		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	12/31/2015 08:17	12/31/2015 13:15	KK

Sample Information

Client Sample ID: GC 5A

York Sample ID: 15L0972-13

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 21, 2015 2:50 pm	<u>Date Received</u> 12/23/2015
--	---	-----------------------	--	------------------------------------

Volatile Organics, BTEX

Log-in Notes: VOA-CONT

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	8.9	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:53	01/04/2016 23:47	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	8.9	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:53	01/04/2016 23:47	BK
95-47-6	o-Xylene	ND		ug/kg dry	8.9	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 16:53	01/04/2016 23:47	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	18	36	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 16:53	01/04/2016 23:47	BK
108-88-3	Toluene	ND		ug/kg dry	8.9	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:53	01/04/2016 23:47	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	27	54	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:53	01/04/2016 23:47	BK

Surrogate Recoveries

Surrogate	Result	Acceptance Range
17060-07-0 Surrogate: 1,2-Dichloroethane-d4	95.0 %	77-125
2037-26-5 Surrogate: Toluene-d8	126 %	S-08 85-120
460-00-4 Surrogate: p-Bromofluorobenzene	150 %	S-08 76-130

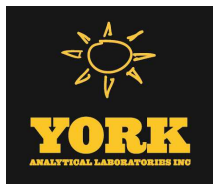
Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

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



Sample Information

Client Sample ID: GC 5A

York Sample ID: 15L0972-13

<u>York Project (SDG) No.</u>		<u>Client Project ID</u>		<u>Matrix</u>		<u>Collection Date/Time</u>		<u>Date Received</u>		
15L0972		Grand Canal		Soil		December 21, 2015 2:50 pm		12/23/2015		
91-58-7	2-Chloronaphthalene	ND	ug/kg dry	149	298	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:10	SR
91-57-6	2-Methylnaphthalene	ND	ug/kg dry	149	298	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:01	01/04/2016 23:10	SR
83-32-9	Acenaphthene	ND	ug/kg dry	149	298	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:10	SR
208-96-8	Acenaphthylene	ND	ug/kg dry	149	298	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:10	SR
120-12-7	Anthracene	ND	ug/kg dry	149	298	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:10	SR
56-55-3	Benzo(a)anthracene	ND	ug/kg dry	149	298	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:10	SR
50-32-8	Benzo(a)pyrene	ND	ug/kg dry	149	298	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:10	SR
205-99-2	Benzo(b)fluoranthene	ND	ug/kg dry	149	298	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:10	SR
191-24-2	Benzo(g,h,i)perylene	ND	ug/kg dry	149	298	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:10	SR
207-08-9	Benzo(k)fluoranthene	ND	ug/kg dry	149	298	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:10	SR
218-01-9	Chrysene	ND	ug/kg dry	149	298	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:10	SR
53-70-3	Dibenzo(a,h)anthracene	ND	ug/kg dry	149	298	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:10	SR
206-44-0	Fluoranthene	ND	ug/kg dry	149	298	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:10	SR
86-73-7	Fluorene	ND	ug/kg dry	149	298	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:10	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ug/kg dry	149	298	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:10	SR
91-20-3	Naphthalene	ND	ug/kg dry	149	298	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:01	01/04/2016 23:10	SR
85-01-8	Phenanthrene	ND	ug/kg dry	149	298	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:10	SR
129-00-0	Pyrene	ND	ug/kg dry	149	298	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:10	SR
	* Total PAH	ND	ug/kg dry	300	1190	2	EPA 8270D Certifications:	01/04/2016 09:01	01/04/2016 23:10	SR

Surrogate Recoveries

Result

Acceptance Range

4165-60-0	Surrogate: Nitrobenzene-d5	42.2 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	42.8 %	21-113
1718-51-0	Surrogate: Terphenyl-d14	77.1 %	24-116

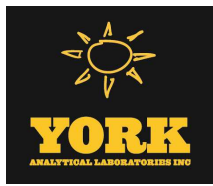
Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	630		ug/kg dry	5.89	5.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 16:47	AMC



Sample Information

Client Sample ID: GC 5A

York Sample ID: 15L0972-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 21, 2015 2:50 pm

12/23/2015

Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	100		ug/kg dry	5.89	5.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 16:47	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	5.89	5.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 16:47	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	236	236	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 16:47	AMC
60-57-1	Dieldrin	ND		ug/kg dry	5.89	5.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 16:47	AMC
2385-85-5	* Mirex	ND		ug/kg dry	5.89	5.89	5	EPA 8081B Certifications:	01/04/2016 08:26	01/05/2016 16:47	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	75.1 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	66.4 %			30-140						

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0595	0.0595	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 05:29	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0595	0.0595	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 05:29	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0595	0.0595	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 05:29	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0595	0.0595	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 05:29	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0595	0.0595	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 05:29	AMC
11097-69-1	Aroclor 1254	0.171		mg/kg dry	0.0595	0.0595	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 05:29	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0595	0.0595	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 05:29	AMC
1336-36-3	* Total PCBs	0.171		mg/kg dry	0.0595	0.0595	1	EPA 8082A Certifications:	01/04/2016 08:26	01/05/2016 05:29	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	84.1 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	76.3 %			30-140						

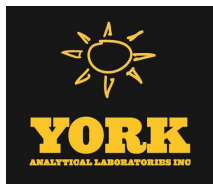
Copper by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

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



Sample Information

Client Sample ID: GC 5A

York Sample ID: 15L0972-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 21, 2015 2:50 pm

12/23/2015

Copper by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	50.5		mg/kg dry	1.79	1.79	1	EPA 6010C	12/31/2015 09:19	12/31/2015 14:02	ALD
Certifications:									CTDOH,NELAC-NY10854,NJDEP		

Metals, RCRA

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	7.77		mg/kg dry	3.57	3.57	1	EPA 6010C	12/31/2015 09:19	12/31/2015 14:02	ALD
Certifications:									CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C	12/31/2015 09:19	12/31/2015 14:02	ALD
Certifications:									CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	8.23		mg/kg dry	1.79	1.79	1	EPA 6010C	12/31/2015 09:19	12/31/2015 14:02	ALD
Certifications:									CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	26.8		mg/kg dry	1.07	1.07	1	EPA 6010C	12/31/2015 09:19	12/31/2015 14:02	ALD
Certifications:									CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	1.79	1.79	1	EPA 6010C	12/31/2015 09:19	12/31/2015 14:02	ALD
Certifications:									CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	6.26		mg/kg dry	1.79	1.79	1	EPA 6010C	12/31/2015 09:19	12/31/2015 14:02	ALD
Certifications:									CTDOH,NELAC-NY10854,NJDEP,PADEP		

Zinc by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	35.4		mg/kg dry	3.57	3.57	1	EPA 6010C	12/31/2015 09:19	12/31/2015 14:02	ALD
Certifications:									CTDOH,NELAC-NY10854,NJDEP		

Mercury by 7473

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.347		mg/kg dry	0.107	0.107	1	EPA 7473	12/31/2015 08:50	12/31/2015 12:53	ALD
Certifications:									CTDOH,NJDEP,NELAC-NY10854,PADEP		

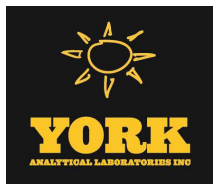
Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

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



Sample Information

Client Sample ID: GC 5A

York Sample ID: 15L0972-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 21, 2015 2:50 pm

12/23/2015

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	28.0		%	0.100	0.100	1	SM 2540G	12/31/2015 08:17	12/31/2015 13:15	KK
Certifications: CTDOH											

Sample Information

Client Sample ID: GC 5B

York Sample ID: 15L0972-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 21, 2015 2:50 pm

12/23/2015

Volatile Organics, BTEX

Log-in Notes: VOA-CONT

Sample Notes: HT-01, VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	12	23	1	EPA 8260C	01/04/2016 16:53	01/05/2016 02:05	BK
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
100-41-4	Ethyl Benzene	ND	IS-LO	ug/kg dry	12	23	1	EPA 8260C	01/04/2016 16:53	01/05/2016 02:05	BK
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
95-47-6	o-Xylene	ND	IS-LO	ug/kg dry	12	23	1	EPA 8260C	01/04/2016 16:53	01/05/2016 02:05	BK
Certifications: CTDOH,NELAC-NY10854											
179601-23-1	p- & m- Xylenes	ND	IS-LO	ug/kg dry	23	46	1	EPA 8260C	01/04/2016 16:53	01/05/2016 02:05	BK
Certifications: CTDOH,NELAC-NY10854											
108-88-3	Toluene	ND	IS-LO	ug/kg dry	12	23	1	EPA 8260C	01/04/2016 16:53	01/05/2016 02:05	BK
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
1330-20-7	Xylenes, Total	ND	IS-LO	ug/kg dry	35	69	1	EPA 8260C	01/04/2016 16:53	01/05/2016 02:05	BK
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %			77-125						
2037-26-5	Surrogate: Toluene-d8	127 %	S-08			85-120					
460-00-4	Surrogate: p-Bromofluorobenzene	156 %	S-08			76-130					

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	193	386	2	EPA 8270D	01/04/2016 09:01	01/04/2016 23:42	SR
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	193	386	2	EPA 8270D	01/04/2016 09:01	01/04/2016 23:42	SR
Certifications: CTDOH,NELAC-NY10854,NJDEP											
83-32-9	Acenaphthene	ND		ug/kg dry	193	386	2	EPA 8270D	01/04/2016 09:01	01/04/2016 23:42	SR
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											



Sample Information

Client Sample ID: GC 5B

York Sample ID: 15L0972-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 21, 2015 2:50 pm

12/23/2015

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

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/kg dry	193	386	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:42	SR
120-12-7	Anthracene	ND		ug/kg dry	193	386	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:42	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	193	386	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:42	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	193	386	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:42	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	193	386	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:42	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	193	386	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:42	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	193	386	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:42	SR
218-01-9	Chrysene	ND		ug/kg dry	193	386	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:42	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	193	386	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:42	SR
206-44-0	Fluoranthene	ND		ug/kg dry	193	386	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:42	SR
86-73-7	Fluorene	ND		ug/kg dry	193	386	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:42	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	193	386	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:42	SR
91-20-3	Naphthalene	ND		ug/kg dry	193	386	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:01	01/04/2016 23:42	SR
85-01-8	Phenanthrene	ND		ug/kg dry	193	386	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:42	SR
129-00-0	Pyrene	ND		ug/kg dry	193	386	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:01	01/04/2016 23:42	SR
	* Total PAH	ND		ug/kg dry	388	1540	2	EPA 8270D Certifications:	01/04/2016 09:01	01/04/2016 23:42	SR

Surrogate Recoveries

Result

Acceptance Range

4165-60-0	Surrogate: Nitrobenzene-d5	64.5 %									
321-60-8	Surrogate: 2-Fluorobiphenyl	64.8 %									
1718-51-0	Surrogate: Terphenyl-d14	116 %									

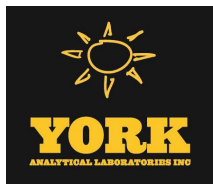
Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	349		ug/kg dry	7.63	7.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 17:02	AMC
72-55-9	4,4'-DDE	71.2		ug/kg dry	7.63	7.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 17:02	AMC



Sample Information

Client Sample ID: GC 5B

York Sample ID: 15L0972-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 21, 2015 2:50 pm

12/23/2015

Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/kg dry	7.63	7.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 17:02	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	305	305	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 17:02	AMC
60-57-1	Dieldrin	ND		ug/kg dry	7.63	7.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 17:02	AMC
2385-85-5	* Mirex	ND		ug/kg dry	7.63	7.63	5	EPA 8081B Certifications:	01/04/2016 08:26	01/05/2016 17:02	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	32.1 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	42.1 %	30-140								

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0770	0.0770	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 05:58	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0770	0.0770	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 05:58	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0770	0.0770	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 05:58	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0770	0.0770	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 05:58	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0770	0.0770	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 05:58	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0770	0.0770	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 05:58	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0770	0.0770	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/04/2016 08:26	01/05/2016 05:58	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0770	0.0770	1	EPA 8082A Certifications:	01/04/2016 08:26	01/05/2016 05:58	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	61.2 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	54.1 %	30-140								

Copper by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

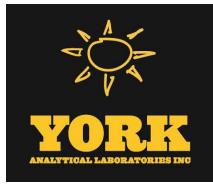
Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	88.0		mg/kg dry	2.31	2.31	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 14:07	ALD

Metals, RCRA

Log-in Notes: VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: GC 5B

York Sample ID: 15L0972-14

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 21, 2015 2:50 pm	<u>Date Received</u> 12/23/2015
--	---	-----------------------	--	------------------------------------

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	12.7		mg/kg dry	4.62	4.62	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:07	ALD
7440-43-9	Cadmium	ND		mg/kg dry	1.39	1.39	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:07	ALD
7440-47-3	Chromium	17.8		mg/kg dry	2.31	2.31	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:07	ALD
7439-92-1	Lead	60.0		mg/kg dry	1.39	1.39	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:07	ALD
7440-22-4	Silver	ND		mg/kg dry	2.31	2.31	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:07	ALD

Nickel by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	13.7		mg/kg dry	2.31	2.31	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:07	ALD

Zinc by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	96.8		mg/kg dry	4.62	4.62	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 14:07	ALD

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

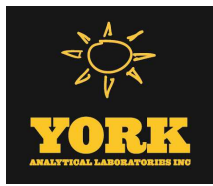
CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.575		mg/kg dry	0.139	0.139	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/31/2015 08:50	12/31/2015 13:02	ALD

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	21.6		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	12/31/2015 08:17	12/31/2015 13:15	KK



Sample Information

Client Sample ID: GC 6A

York Sample ID: 15L0972-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 22, 2015 12:50 pm

12/23/2015

Volatile Organics, BTEX

Log-in Notes: VOA-CONT

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:53	01/05/2016 02:40	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:53	01/05/2016 02:40	BK
95-47-6	o-Xylene	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 16:53	01/05/2016 02:40	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	15	31	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 16:53	01/05/2016 02:40	BK
108-88-3	Toluene	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:53	01/05/2016 02:40	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	23	46	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:53	01/05/2016 02:40	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %			77-125						
2037-26-5	Surrogate: Toluene-d8	119 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	144 %	S-08		76-130						

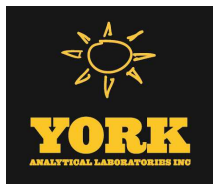
Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	129	257	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 11:53	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	129	257	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:02	01/05/2016 11:53	KH
83-32-9	Acenaphthene	ND		ug/kg dry	129	257	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 11:53	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	129	257	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 11:53	KH
120-12-7	Anthracene	ND		ug/kg dry	129	257	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 11:53	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	129	257	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 11:53	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	129	257	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 11:53	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	129	257	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 11:53	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	129	257	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 11:53	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	129	257	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 11:53	KH
218-01-9	Chrysene	ND		ug/kg dry	129	257	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 11:53	KH



Sample Information

Client Sample ID: GC 6A

York Sample ID: 15L0972-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 22, 2015 12:50 pm

12/23/2015

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	129	257	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 11:53	KH
206-44-0	Fluoranthene	ND		ug/kg dry	129	257	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 11:53	KH
86-73-7	Fluorene	ND		ug/kg dry	129	257	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 11:53	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	129	257	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 11:53	KH
91-20-3	Naphthalene	ND		ug/kg dry	129	257	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:02	01/05/2016 11:53	KH
85-01-8	Phenanthrene	ND		ug/kg dry	129	257	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 11:53	KH
129-00-0	Pyrene	ND		ug/kg dry	129	257	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 11:53	KH
	* Total PAH	ND		ug/kg dry	258	1030	2	EPA 8270D Certifications:	01/04/2016 09:02	01/05/2016 11:53	KH

Surrogate Recoveries

Result

Acceptance Range

4165-60-0	Surrogate: Nitrobenzene-d5	90.8 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	83.0 %	21-113
1718-51-0	Surrogate: Terphenyl-d14	101 %	24-116

Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	651		ug/kg dry	5.08	5.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 17:56	AMC
72-55-9	4,4'-DDE	143		ug/kg dry	5.08	5.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 17:56	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	5.08	5.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 17:56	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	203	203	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 17:56	AMC
60-57-1	Dieldrin	ND		ug/kg dry	5.08	5.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 17:56	AMC
2385-85-5	* Mirex	ND		ug/kg dry	5.08	5.08	5	EPA 8081B Certifications:	01/05/2016 08:33	01/06/2016 17:56	AMC

Surrogate Recoveries

Result

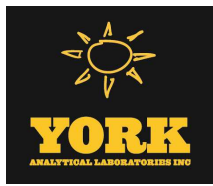
Acceptance Range

877-09-8	Surrogate: Tetrachloro-m-xylene	110 %	30-140
2051-24-3	Surrogate: Decachlorobiphenyl	116 %	30-140

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: GC 6A

York Sample ID: 15L0972-16

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 22, 2015 12:50 pm	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0512	0.0512	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 10:54	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0512	0.0512	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 10:54	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0512	0.0512	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 10:54	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0512	0.0512	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 10:54	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0512	0.0512	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 10:54	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0512	0.0512	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 10:54	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0512	0.0512	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 10:54	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0512	0.0512	1	EPA 8082A Certifications:	01/05/2016 08:33	01/06/2016 10:54	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	114 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	97.6 %	30-140								

Copper by EPA 6010

Log-in Notes: VOA-CONT Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	108		mg/kg dry	1.54	1.54	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 14:12	ALD

Metals, RCRA

Log-in Notes: VOA-CONT Sample Notes:

Sample Prepared by Method: EPA 3050B

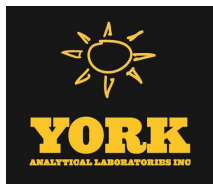
CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	14.3		mg/kg dry	3.08	3.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:12	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.923	0.923	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:12	ALD
7440-47-3	Chromium	24.4		mg/kg dry	1.54	1.54	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:12	ALD
7439-92-1	Lead	119		mg/kg dry	0.923	0.923	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:12	ALD
7440-22-4	Silver	ND		mg/kg dry	1.54	1.54	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:12	ALD

Nickel by EPA 6010

Log-in Notes: VOA-CONT Sample Notes:

Sample Prepared by Method: EPA 3050B

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



Sample Information

Client Sample ID: GC 6A

York Sample ID: 15L0972-16

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 22, 2015 12:50 pm	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Nickel by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	13.0		mg/kg dry	1.54	1.54	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:12	ALD

Zinc by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	86.9		mg/kg dry	3.08	3.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 14:12	ALD

Mercury by 7473

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.876		mg/kg dry	0.0923	0.0923	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/31/2015 08:50	12/31/2015 13:11	ALD

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	32.5		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	12/31/2015 08:17	12/31/2015 13:15	KK

Sample Information

Client Sample ID: GC 6B

York Sample ID: 15L0972-17

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 22, 2015 12:50 pm	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

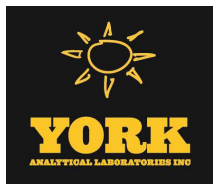
Volatile Organics, BTEX

Log-in Notes: VOA-CONT

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND	IS-LO	ug/kg dry	9.4	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:53	01/05/2016 03:15	BK
100-41-4	Ethyl Benzene	ND	IS-LO	ug/kg dry	9.4	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:53	01/05/2016 03:15	BK
95-47-6	o-Xylene	ND	IS-LO	ug/kg dry	9.4	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 16:53	01/05/2016 03:15	BK



Sample Information

Client Sample ID: GC 6B

York Sample ID: 15L0972-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 22, 2015 12:50 pm

12/23/2015

Volatile Organics, BTEX

Log-in Notes: VOA-CONT

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND	IS-LO	ug/kg dry	19	38	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 16:53	01/05/2016 03:15	BK
108-88-3	Toluene	ND	IS-LO	ug/kg dry	9.4	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:53	01/05/2016 03:15	BK
1330-20-7	Xylenes, Total	ND	IS-LO	ug/kg dry	28	57	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:53	01/05/2016 03:15	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	117 %			77-125						
2037-26-5	Surrogate: Toluene-d8	129 %	S-08		85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	142 %	S-08		76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	158	314	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 12:27	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	158	314	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:02	01/05/2016 12:27	KH
83-32-9	Acenaphthene	ND		ug/kg dry	158	314	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 12:27	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	158	314	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 12:27	KH
120-12-7	Anthracene	ND		ug/kg dry	158	314	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 12:27	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	158	314	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 12:27	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	158	314	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 12:27	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	158	314	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 12:27	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	158	314	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 12:27	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	158	314	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 12:27	KH
218-01-9	Chrysene	ND		ug/kg dry	158	314	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 12:27	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	158	314	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 12:27	KH
206-44-0	Fluoranthene	ND		ug/kg dry	158	314	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 12:27	KH
86-73-7	Fluorene	ND		ug/kg dry	158	314	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 12:27	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	158	314	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 12:27	KH



Sample Information

Client Sample ID: GC 6B

York Sample ID: 15L0972-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 22, 2015 12:50 pm

12/23/2015

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	158	314	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:02	01/05/2016 12:27	KH
85-01-8	Phenanthrene	ND		ug/kg dry	158	314	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 12:27	KH
129-00-0	Pyrene	ND		ug/kg dry	158	314	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 12:27	KH
	* Total PAH	ND		ug/kg dry	317	1260	2	EPA 8270D Certifications:	01/04/2016 09:02	01/05/2016 12:27	KH
	Surrogate Recoveries	Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	64.1 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	57.9 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	69.1 %			24-116						

Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	630		ug/kg dry	6.22	6.22	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 18:12	AMC
72-55-9	4,4'-DDE	137		ug/kg dry	6.22	6.22	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 18:12	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	6.22	6.22	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 18:12	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	249	249	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 18:12	AMC
60-57-1	Dieldrin	ND		ug/kg dry	6.22	6.22	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 18:12	AMC
2385-85-5	* Mirex	ND		ug/kg dry	6.22	6.22	5	EPA 8081B Certifications:	01/05/2016 08:33	01/06/2016 18:12	AMC
	Surrogate Recoveries	Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	74.2 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	78.4 %			30-140						

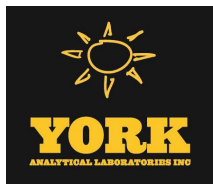
Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0628	0.0628	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 11:23	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0628	0.0628	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 11:23	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0628	0.0628	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 11:23	AMC



Sample Information

Client Sample ID: GC 6B

York Sample ID: 15L0972-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 22, 2015 12:50 pm

12/23/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0628	0.0628	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 11:23	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0628	0.0628	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 11:23	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0628	0.0628	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 11:23	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0628	0.0628	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 11:23	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0628	0.0628	1	EPA 8082A Certifications:	01/05/2016 08:33	01/06/2016 11:23	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	72.6 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	64.7 %	30-140								

Copper by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	136		mg/kg dry	1.88	1.88	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 14:16	ALD

Metals, RCRA

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	17.5		mg/kg dry	3.77	3.77	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:16	ALD
7440-43-9	Cadmium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:16	ALD
7440-47-3	Chromium	26.3		mg/kg dry	1.88	1.88	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:16	ALD
7439-92-1	Lead	87.3		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:16	ALD
7440-22-4	Silver	ND		mg/kg dry	1.88	1.88	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:16	ALD

Nickel by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

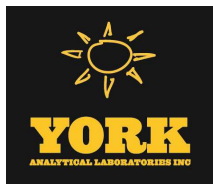
Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	15.5		mg/kg dry	1.88	1.88	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:16	ALD

Zinc by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: GC 6B

York Sample ID: 15L0972-17

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 22, 2015 12:50 pm	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	106		mg/kg dry	3.77	3.77	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 14:16	ALD

Mercury by 7473

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.29		mg/kg dry	0.113	0.113	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/31/2015 08:50	12/31/2015 13:20	ALD

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	26.5		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	12/31/2015 08:17	12/31/2015 13:15	KK

Sample Information

Client Sample ID: GC 7A

York Sample ID: 15L0972-19

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 22, 2015 12:20 pm	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Volatile Organics, BTEX

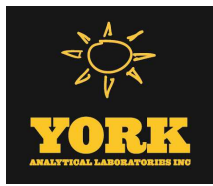
Log-in Notes: VOA-CONT

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:53	01/05/2016 03:50	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:53	01/05/2016 03:50	BK
95-47-6	o-Xylene	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 16:53	01/05/2016 03:50	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	13	26	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 16:53	01/05/2016 03:50	BK
108-88-3	Toluene	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:53	01/05/2016 03:50	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	19	38	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:53	01/05/2016 03:50	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %	77-125
2037-26-5	Surrogate: Toluene-d8	124 %	S-08 85-120



Sample Information

Client Sample ID: GC 7A

York Sample ID: 15L0972-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 22, 2015 12:20 pm

12/23/2015

Volatile Organics, BTEX

Log-in Notes: VOA-CONT

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 3555A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	149 %	S-08		76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:00	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:02	01/05/2016 13:00	KH
83-32-9	Acenaphthene	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:00	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:00	KH
120-12-7	Anthracene	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:00	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:00	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:00	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:00	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:00	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:00	KH
218-01-9	Chrysene	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:00	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:00	KH
206-44-0	Fluoranthene	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:00	KH
86-73-7	Fluorene	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:00	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:00	KH
91-20-3	Naphthalene	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:02	01/05/2016 13:00	KH
85-01-8	Phenanthrene	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:00	KH
129-00-0	Pyrene	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:00	KH
	* Total PAH	ND		ug/kg dry	215	855	2	EPA 8270D Certifications:	01/04/2016 09:02	01/05/2016 13:00	KH

Surrogate Recoveries

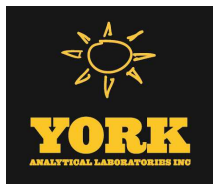
Result

Acceptance Range

4165-60-0 Surrogate: Nitrobenzene-d5

70.7 %

22-108



Sample Information

Client Sample ID: GC 7A

York Sample ID: 15L0972-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 22, 2015 12:20 pm

12/23/2015

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: 2-Fluorobiphenyl	66.4 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	82.6 %			24-116						

Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	110		ug/kg dry	4.23	4.23	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 18:27	AMC
72-55-9	4,4'-DDE	32.8		ug/kg dry	4.23	4.23	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 18:27	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	4.23	4.23	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 18:27	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	169	169	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 18:27	AMC
60-57-1	Dieldrin	ND		ug/kg dry	4.23	4.23	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 18:27	AMC
2385-85-5	* Mirex	ND		ug/kg dry	4.23	4.23	5	EPA 8081B Certifications:	01/05/2016 08:33	01/06/2016 18:27	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	85.1 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	74.9 %			30-140						

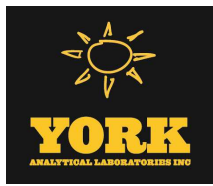
Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0427	0.0427	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 11:53	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0427	0.0427	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 11:53	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0427	0.0427	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 11:53	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0427	0.0427	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 11:53	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0427	0.0427	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 11:53	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0427	0.0427	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 11:53	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0427	0.0427	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 11:53	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0427	0.0427	1	EPA 8082A Certifications:	01/05/2016 08:33	01/06/2016 11:53	AMC



Sample Information

Client Sample ID: GC 7A

York Sample ID: 15L0972-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 22, 2015 12:20 pm

12/23/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	77.1 %									
2051-24-3	Surrogate: Decachlorobiphenyl	70.5 %									

Copper by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	74.7		mg/kg dry	1.28	1.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 14:21	ALD

Metals, RCRA

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	9.58		mg/kg dry	2.56	2.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:21	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.769	0.769	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:21	ALD
7440-47-3	Chromium	13.0		mg/kg dry	1.28	1.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:21	ALD
7439-92-1	Lead	53.3		mg/kg dry	0.769	0.769	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:21	ALD
7440-22-4	Silver	ND		mg/kg dry	1.28	1.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:21	ALD

Nickel by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	7.62		mg/kg dry	1.28	1.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:21	ALD

Zinc by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	63.4		mg/kg dry	2.56	2.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 14:21	ALD

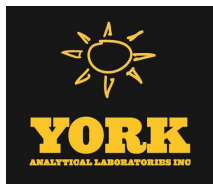
Mercury by 7473

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

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



Sample Information

Client Sample ID: GC 7A

York Sample ID: 15L0972-19

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 22, 2015 12:20 pm	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Mercury by 7473

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.262		mg/kg dry	0.0769	0.0769	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/31/2015 08:50	12/31/2015 13:29	ALD

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	39.0		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	12/31/2015 08:17	12/31/2015 13:15	KK

Sample Information

Client Sample ID: GC 7B

York Sample ID: 15L0972-20

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 22, 2015 12:20 pm	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Volatile Organics, BTEX

Log-in Notes: VOA-CONT

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

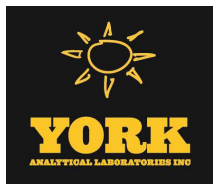
CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:53	01/05/2016 04:24	BK
100-41-4	Ethyl Benzene	ND	IS-LO	ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:53	01/05/2016 04:24	BK
95-47-6	o-Xylene	ND	IS-LO	ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 16:53	01/05/2016 04:24	BK
179601-23-1	p- & m- Xylenes	ND	IS-LO	ug/kg dry	12	23	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 16:53	01/05/2016 04:24	BK
108-88-3	Toluene	ND	IS-LO	ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:53	01/05/2016 04:24	BK
1330-20-7	Xylenes, Total	ND	IS-LO	ug/kg dry	18	35	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:53	01/05/2016 04:24	BK

Surrogate Recoveries	Result	Acceptance Range
17060-07-0 Surrogate: 1,2-Dichloroethane-d4	112 %	77-125
2037-26-5 Surrogate: Toluene-d8	134 %	S-08 85-120
460-00-4 Surrogate: p-Bromofluorobenzene	158 %	S-08 76-130

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: GC 7B

York Sample ID: 15L0972-20

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 22, 2015 12:20 pm	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	97.9	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:33	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	97.9	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:02	01/05/2016 13:33	KH
83-32-9	Acenaphthene	ND		ug/kg dry	97.9	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:33	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	97.9	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:33	KH
120-12-7	Anthracene	ND		ug/kg dry	97.9	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:33	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	97.9	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:33	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	97.9	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:33	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	97.9	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:33	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	97.9	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:33	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	97.9	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:33	KH
218-01-9	Chrysene	ND		ug/kg dry	97.9	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:33	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	97.9	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:33	KH
206-44-0	Fluoranthene	ND		ug/kg dry	97.9	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:33	KH
86-73-7	Fluorene	ND		ug/kg dry	97.9	195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:33	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	97.9	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:33	KH
91-20-3	Naphthalene	ND		ug/kg dry	97.9	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:02	01/05/2016 13:33	KH
85-01-8	Phenanthrene	ND		ug/kg dry	97.9	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:33	KH
129-00-0	Pyrene	ND		ug/kg dry	97.9	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 13:33	KH
	* Total PAH	ND		ug/kg dry	197	780	2	EPA 8270D Certifications:	01/04/2016 09:02	01/05/2016 13:33	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	Surrogate: Nitrobenzene-d5	59.5 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	54.8 %	21-113
1718-51-0	Surrogate: Terphenyl-d14	65.8 %	24-116

Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

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



Sample Information

Client Sample ID: GC 7B

York Sample ID: 15L0972-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 22, 2015 12:20 pm

12/23/2015

Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	67.0		ug/kg dry	3.86	3.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 18:42	AMC
72-55-9	4,4'-DDE	25.5		ug/kg dry	3.86	3.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 18:42	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	3.86	3.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 18:42	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	155	155	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 18:42	AMC
60-57-1	Dieldrin	ND		ug/kg dry	3.86	3.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 18:42	AMC
2385-85-5	* Mirex	ND		ug/kg dry	3.86	3.86	5	EPA 8081B Certifications:	01/05/2016 08:33	01/06/2016 18:42	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	91.4 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	92.7 %	30-140								

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

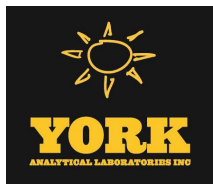
Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0390	0.0390	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 12:22	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0390	0.0390	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 12:22	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0390	0.0390	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 12:22	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0390	0.0390	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 12:22	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0390	0.0390	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 12:22	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0390	0.0390	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 12:22	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0390	0.0390	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 12:22	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0390	0.0390	1	EPA 8082A Certifications:	01/05/2016 08:33	01/06/2016 12:22	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	90.5 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	81.6 %	30-140								

Copper by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: GC 7B

York Sample ID: 15L0972-20

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 22, 2015 12:20 pm	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	31.9		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 14:26	ALD

Metals, RCRA

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	5.07		mg/kg dry	2.34	2.34	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:26	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.702	0.702	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:26	ALD
7440-47-3	Chromium	10.1		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:26	ALD
7439-92-1	Lead	70.7		mg/kg dry	0.702	0.702	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:26	ALD
7440-22-4	Silver	ND		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:26	ALD

Nickel by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	6.58		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:26	ALD

Zinc by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	100		mg/kg dry	2.34	2.34	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 14:26	ALD

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

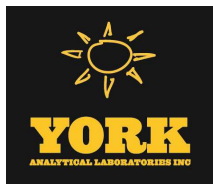
CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.405		mg/kg dry	0.0702	0.0702	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/31/2015 08:50	12/31/2015 13:38	ALD

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	42.7		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	12/31/2015 08:17	12/31/2015 13:15	KK



Sample Information

Client Sample ID: GC 7B

York Sample ID: 15L0972-20

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 22, 2015 12:20 pm	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Sample Information

Client Sample ID: GC 8A

York Sample ID: 15L0972-22

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 22, 2015 11:55 am	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Volatile Organics, BTEX

Log-in Notes: VOA-CONT

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:56	01/05/2016 05:41	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:56	01/05/2016 05:41	SS
95-47-6	o-Xylene	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 16:56	01/05/2016 05:41	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	10	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 16:56	01/05/2016 05:41	SS
108-88-3	Toluene	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:56	01/05/2016 05:41	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	16	31	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:56	01/05/2016 05:41	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	90.1 %			77-125						
2037-26-5	Surrogate: Toluene-d8	132 %	S-08		85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	166 %	S-08		76-130						

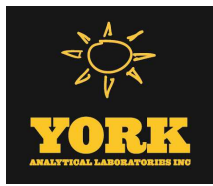
Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:07	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:02	01/05/2016 14:07	KH
83-32-9	Acenaphthene	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:07	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:07	KH
120-12-7	Anthracene	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:07	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:07	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:07	KH



Sample Information

Client Sample ID: GC 8A

York Sample ID: 15L0972-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 22, 2015 11:55 am

12/23/2015

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:07	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:07	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:07	KH
218-01-9	Chrysene	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:07	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:07	KH
206-44-0	Fluoranthene	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:07	KH
86-73-7	Fluorene	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:07	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:07	KH
91-20-3	Naphthalene	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:02	01/05/2016 14:07	KH
85-01-8	Phenanthrene	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:07	KH
129-00-0	Pyrene	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:07	KH
	* Total PAH	ND		ug/kg dry	174	691	2	EPA 8270D Certifications:	01/04/2016 09:02	01/05/2016 14:07	KH
	Surrogate Recoveries	Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	67.5 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	59.8 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	74.4 %			24-116						

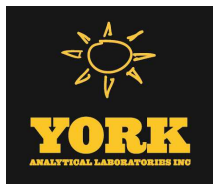
Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	78.3		ug/kg dry	3.42	3.42	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 19:44	AMC
72-55-9	4,4'-DDE	21.9		ug/kg dry	3.42	3.42	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 19:44	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	3.42	3.42	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 19:44	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	137	137	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 19:44	AMC
60-57-1	Dieldrin	ND		ug/kg dry	3.42	3.42	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 19:44	AMC
2385-85-5	* Mirex	ND		ug/kg dry	3.42	3.42	5	EPA 8081B Certifications:	01/05/2016 08:33	01/06/2016 19:44	AMC



Sample Information

Client Sample ID: GC 8A

York Sample ID: 15L0972-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 22, 2015 11:55 am

12/23/2015

Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	75.1 %									
2051-24-3	Surrogate: Decachlorobiphenyl	73.4 %									

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0346	0.0346	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 12:51	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0346	0.0346	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 12:51	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0346	0.0346	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 12:51	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0346	0.0346	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 12:51	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0346	0.0346	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 12:51	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0346	0.0346	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 12:51	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0346	0.0346	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 12:51	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0346	0.0346	1	EPA 8082A Certifications:	01/05/2016 08:33	01/06/2016 12:51	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	72.6 %									
2051-24-3	Surrogate: Decachlorobiphenyl	63.3 %									

Copper by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	45.3		mg/kg dry	1.04	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 14:31	ALD

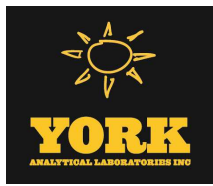
Metals, RCRA

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	5.75		mg/kg dry	2.07	2.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:31	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.622	0.622	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:31	ALD



Sample Information

Client Sample ID: GC 8A

York Sample ID: 15L0972-22

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 22, 2015 11:55 am	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Metals, RCRA

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	14.0		mg/kg dry	1.04	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:31	ALD
7439-92-1	Lead	54.0		mg/kg dry	0.622	0.622	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:31	ALD
7440-22-4	Silver	ND		mg/kg dry	1.04	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:31	ALD

Nickel by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	9.29		mg/kg dry	1.04	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:31	ALD

Zinc by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	50.2		mg/kg dry	2.07	2.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 14:31	ALD

Mercury by 7473

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.399		mg/kg dry	0.0622	0.0622	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/31/2015 08:50	12/31/2015 13:47	ALD

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

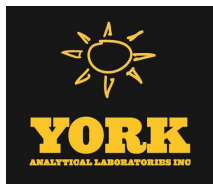
CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	48.2		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	12/31/2015 08:17	12/31/2015 13:15	KK

Sample Information

Client Sample ID: GC 8B

York Sample ID: 15L0972-23

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 22, 2015 11:55 am	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------



Sample Information

Client Sample ID: GC 8B

York Sample ID: 15L0972-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 22, 2015 11:55 am

12/23/2015

Volatile Organics, BTEX

Log-in Notes: VOA-CONT

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:56	01/05/2016 01:09	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:56	01/05/2016 01:09	SS
95-47-6	o-Xylene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 16:56	01/05/2016 01:09	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.4	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 16:56	01/05/2016 01:09	SS
108-88-3	Toluene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:56	01/05/2016 01:09	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	13	25	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:56	01/05/2016 01:09	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.6 %			77-125						
2037-26-5	Surrogate: Toluene-d8	125 %	S-08		85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	161 %	S-08		76-130						

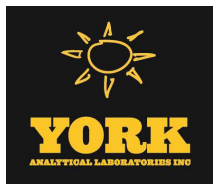
Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	69.9	139	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:40	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	69.9	139	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:02	01/05/2016 14:40	KH
83-32-9	Acenaphthene	ND		ug/kg dry	69.9	139	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:40	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	69.9	139	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:40	KH
120-12-7	Anthracene	ND		ug/kg dry	69.9	139	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:40	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	69.9	139	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:40	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	69.9	139	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:40	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	69.9	139	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:40	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	69.9	139	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:40	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	69.9	139	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:40	KH
218-01-9	Chrysene	ND		ug/kg dry	69.9	139	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:40	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	69.9	139	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:40	KH



Sample Information

Client Sample ID: GC 8B

York Sample ID: 15L0972-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 22, 2015 11:55 am

12/23/2015

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/kg dry	69.9	139	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:40	KH
86-73-7	Fluorene	ND		ug/kg dry	69.9	139	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:40	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	69.9	139	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:40	KH
91-20-3	Naphthalene	ND		ug/kg dry	69.9	139	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:02	01/05/2016 14:40	KH
85-01-8	Phenanthrene	ND		ug/kg dry	69.9	139	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:40	KH
129-00-0	Pyrene	ND		ug/kg dry	69.9	139	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 14:40	KH
	* Total PAH	ND		ug/kg dry	140	557	2	EPA 8270D Certifications:	01/04/2016 09:02	01/05/2016 14:40	KH
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	73.9 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	67.6 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	84.3 %			24-116						

Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.76	2.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/07/2016 01:05	AMC
72-55-9	4,4'-DDE	ND		ug/kg dry	2.76	2.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/07/2016 01:05	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	2.76	2.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/07/2016 01:05	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	110	110	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/07/2016 01:05	AMC
60-57-1	Dieldrin	ND		ug/kg dry	2.76	2.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/07/2016 01:05	AMC
2385-85-5	* Mirex	ND		ug/kg dry	2.76	2.76	5	EPA 8081B Certifications:	01/05/2016 08:33	01/07/2016 01:05	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	75.4 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	79.2 %			30-140						

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

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



Sample Information

Client Sample ID: GC 8B

York Sample ID: 15L0972-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 22, 2015 11:55 am

12/23/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0278	0.0278	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 13:20	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0278	0.0278	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 13:20	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0278	0.0278	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 13:20	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0278	0.0278	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 13:20	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0278	0.0278	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 13:20	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0278	0.0278	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 13:20	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0278	0.0278	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 13:20	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0278	0.0278	1	EPA 8082A Certifications:	01/05/2016 08:33	01/06/2016 13:20	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	84.6 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	70.5 %	30-140								

Copper by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	14.7		mg/kg dry	0.836	0.836	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 14:35	ALD

Metals, RCRA

Log-in Notes: VOA-CONT

Sample Notes:

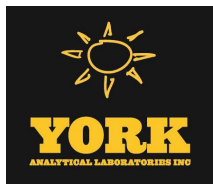
Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	1.86		mg/kg dry	1.67	1.67	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:35	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.501	0.501	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:35	ALD
7440-47-3	Chromium	5.39		mg/kg dry	0.836	0.836	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:35	ALD
7439-92-1	Lead	9.09		mg/kg dry	0.501	0.501	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:35	ALD
7440-22-4	Silver	ND		mg/kg dry	0.836	0.836	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:35	ALD

Nickel by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: GC 8B

York Sample ID: 15L0972-23

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 22, 2015 11:55 am	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	3.76		mg/kg dry	0.836	0.836	1	EPA 6010C	12/31/2015 09:19	12/31/2015 14:35	ALD
Certifications:									CTDOH,NELAC-NY10854,NJDEP,PADEP		

Zinc by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	15.2		mg/kg dry	1.67	1.67	1	EPA 6010C	12/31/2015 09:19	12/31/2015 14:35	ALD
Certifications:									CTDOH,NELAC-NY10854,NJDEP		

Mercury by 7473

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0506		mg/kg dry	0.0501	0.0501	1	EPA 7473	12/31/2015 08:50	12/31/2015 13:56	ALD
Certifications:									CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	59.8		%	0.100	0.100	1	SM 2540G	12/31/2015 08:17	12/31/2015 13:15	KK
Certifications:									CTDOH		

Sample Information

Client Sample ID: GC 9A

York Sample ID: 15L0972-25

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 22, 2015 11:16 am	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

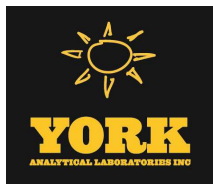
Volatile Organics, BTEX

Log-in Notes: VOA-CONT

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	4.5	9.1	1	EPA 8260C	01/04/2016 16:56	01/05/2016 03:26	SS
Certifications:									CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.5	9.1	1	EPA 8260C	01/04/2016 16:56	01/05/2016 03:26	SS
Certifications:									CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/kg dry	4.5	9.1	1	EPA 8260C	01/04/2016 16:56	01/05/2016 03:26	SS
Certifications:									CTDOH,NELAC-NY10854		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	9.1	18	1	EPA 8260C	01/04/2016 16:56	01/05/2016 03:26	SS
Certifications:									CTDOH,NELAC-NY10854		



Sample Information

Client Sample ID: GC 9A

York Sample ID: 15L0972-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 22, 2015 11:16 am

12/23/2015

Volatile Organics, BTEX

Log-in Notes: VOA-CONT

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:56	01/05/2016 03:26	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	14	27	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:56	01/05/2016 03:26	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	91.2 %			77-125						
2037-26-5	Surrogate: Toluene-d8	115 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	139 %	S-08		76-130						

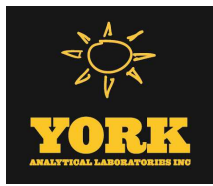
Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	76.0	152	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:14	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	76.0	152	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:02	01/05/2016 15:14	KH
83-32-9	Acenaphthene	ND		ug/kg dry	76.0	152	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:14	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	76.0	152	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:14	KH
120-12-7	Anthracene	ND		ug/kg dry	76.0	152	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:14	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	76.0	152	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:14	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	76.0	152	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:14	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	76.0	152	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:14	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	76.0	152	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:14	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	76.0	152	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:14	KH
218-01-9	Chrysene	ND		ug/kg dry	76.0	152	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:14	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	76.0	152	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:14	KH
206-44-0	Fluoranthene	ND		ug/kg dry	76.0	152	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:14	KH
86-73-7	Fluorene	ND		ug/kg dry	76.0	152	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:14	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	76.0	152	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:14	KH
91-20-3	Naphthalene	ND		ug/kg dry	76.0	152	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:02	01/05/2016 15:14	KH



Sample Information

Client Sample ID: GC 9A

York Sample ID: 15L0972-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 22, 2015 11:16 am

12/23/2015

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/kg dry	76.0	152	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:14	KH
129-00-0	Pyrene	ND		ug/kg dry	76.0	152	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:14	KH
	* Total PAH	ND		ug/kg dry	153	606	2	EPA 8270D Certifications:	01/04/2016 09:02	01/05/2016 15:14	KH
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	81.1 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	76.2 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	94.1 %			24-116						

Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	3.00	3.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/07/2016 01:20	AMC
72-55-9	4,4'-DDE	ND		ug/kg dry	3.00	3.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/07/2016 01:20	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	3.00	3.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/07/2016 01:20	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	120	120	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/07/2016 01:20	AMC
60-57-1	Dieldrin	ND		ug/kg dry	3.00	3.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/07/2016 01:20	AMC
2385-85-5	* Mirex	ND		ug/kg dry	3.00	3.00	5	EPA 8081B Certifications:	01/05/2016 08:33	01/07/2016 01:20	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	85.4 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	94.2 %			30-140						

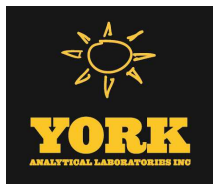
Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0303	0.0303	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 13:50	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0303	0.0303	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 13:50	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0303	0.0303	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 13:50	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0303	0.0303	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 13:50	AMC



Sample Information

Client Sample ID: GC 9A

York Sample ID: 15L0972-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 22, 2015 11:16 am

12/23/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0303	0.0303	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 13:50	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0303	0.0303	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 13:50	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0303	0.0303	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 13:50	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0303	0.0303	1	EPA 8082A Certifications:	01/05/2016 08:33	01/06/2016 13:50	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	97.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	79.2 %			30-140						

Copper by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	36.3		mg/kg dry	0.909	0.909	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 14:53	ALD

Metals, RCRA

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	5.20		mg/kg dry	1.82	1.82	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:53	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.545	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:53	ALD
7440-47-3	Chromium	12.4		mg/kg dry	0.909	0.909	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:53	ALD
7439-92-1	Lead	44.0		mg/kg dry	0.545	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:53	ALD
7440-22-4	Silver	ND		mg/kg dry	0.909	0.909	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:53	ALD

Nickel by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	8.04		mg/kg dry	0.909	0.909	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:53	ALD

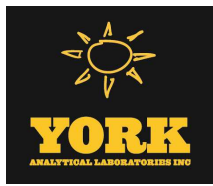
Zinc by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

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



Sample Information

Client Sample ID: GC 9A

York Sample ID: 15L0972-25

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 22, 2015 11:16 am	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Zinc by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	52.5		mg/kg dry	1.82	1.82	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 14:53	ALD

Mercury by 7473

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.111		mg/kg dry	0.0545	0.0545	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/31/2015 08:50	12/31/2015 14:05	ALD

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	55.0		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	12/31/2015 08:17	12/31/2015 13:15	KK

Sample Information

Client Sample ID: GC 9B

York Sample ID: 15L0972-26

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 22, 2015 11:16 am	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Volatile Organics, BTEX

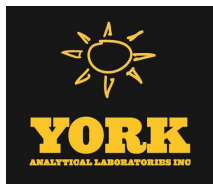
Log-in Notes: VOA-CONT

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:56	01/05/2016 04:00	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:56	01/05/2016 04:00	SS
95-47-6	o-Xylene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 16:56	01/05/2016 04:00	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.2	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 16:56	01/05/2016 04:00	SS
108-88-3	Toluene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:56	01/05/2016 04:00	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	12	25	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:56	01/05/2016 04:00	SS

Surrogate Recoveries Result Acceptance Range



Sample Information

Client Sample ID: GC 9B

York Sample ID: 15L0972-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 22, 2015 11:16 am

12/23/2015

Volatile Organics, BTEX

Log-in Notes: VOA-CONT

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.6 %			77-125						
2037-26-5	Surrogate: Toluene-d8	122 %	S-08		85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	145 %	S-08		76-130						

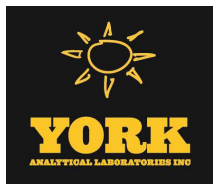
Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	68.5	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:47	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	68.5	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:02	01/05/2016 15:47	KH
83-32-9	Acenaphthene	ND		ug/kg dry	68.5	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:47	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	68.5	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:47	KH
120-12-7	Anthracene	ND		ug/kg dry	68.5	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:47	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	68.5	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:47	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	68.5	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:47	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	68.5	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:47	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	68.5	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:47	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	68.5	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:47	KH
218-01-9	Chrysene	ND		ug/kg dry	68.5	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:47	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	68.5	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:47	KH
206-44-0	Fluoranthene	ND		ug/kg dry	68.5	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:47	KH
86-73-7	Fluorene	ND		ug/kg dry	68.5	137	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:47	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	68.5	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:47	KH
91-20-3	Naphthalene	ND		ug/kg dry	68.5	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:02	01/05/2016 15:47	KH
85-01-8	Phenanthrene	ND		ug/kg dry	68.5	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:47	KH
129-00-0	Pyrene	ND		ug/kg dry	68.5	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 15:47	KH
	* Total PAH	ND		ug/kg dry	138	546	2	EPA 8270D Certifications:	01/04/2016 09:02	01/05/2016 15:47	KH



Sample Information

Client Sample ID: GC 9B

York Sample ID: 15L0972-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 22, 2015 11:16 am

12/23/2015

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	84.8 %			2.70	2.70	5	EPA 8081B	01/05/2016 08:33	01/07/2016 01:35	AMC
321-60-8	Surrogate: 2-Fluorobiphenyl	79.9 %			2.70	2.70	5	EPA 8081B	01/05/2016 08:33	01/07/2016 01:35	AMC
1718-51-0	Surrogate: Terphenyl-d14	103 %			2.70	2.70	5	EPA 8081B	01/05/2016 08:33	01/07/2016 01:35	AMC

Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.70	2.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/07/2016 01:35	AMC
72-55-9	4,4'-DDE	ND		ug/kg dry	2.70	2.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/07/2016 01:35	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	2.70	2.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/07/2016 01:35	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	108	108	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/07/2016 01:35	AMC
60-57-1	Dieldrin	ND		ug/kg dry	2.70	2.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/07/2016 01:35	AMC
2385-85-5	* Mirex	ND		ug/kg dry	2.70	2.70	5	EPA 8081B Certifications:	01/05/2016 08:33	01/07/2016 01:35	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	77.6 %			30	140					
2051-24-3	Surrogate: Decachlorobiphenyl	92.6 %			30	140					

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0273	0.0273	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 14:19	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0273	0.0273	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 14:19	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0273	0.0273	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 14:19	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0273	0.0273	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 14:19	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0273	0.0273	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 14:19	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0273	0.0273	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 14:19	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0273	0.0273	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 14:19	AMC



Sample Information

Client Sample ID: GC 9B

York Sample ID: 15L0972-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 22, 2015 11:16 am

12/23/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0273	0.0273	1	EPA 8082A Certifications:	01/05/2016 08:33	01/06/2016 14:19	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	98.0 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	83.1 %	30-140								

Copper by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	15.6		mg/kg dry	0.819	0.819	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 14:57	ALD

Metals, RCRA

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.60		mg/kg dry	1.64	1.64	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:57	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.492	0.492	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:57	ALD
7440-47-3	Chromium	15.1		mg/kg dry	0.819	0.819	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:57	ALD
7439-92-1	Lead	29.0		mg/kg dry	0.492	0.492	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:57	ALD
7440-22-4	Silver	ND		mg/kg dry	0.819	0.819	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:57	ALD

Nickel by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	7.24		mg/kg dry	0.819	0.819	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 14:57	ALD

Zinc by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

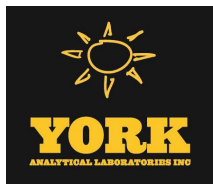
Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	30.9		mg/kg dry	1.64	1.64	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 14:57	ALD

Mercury by 7473

Log-in Notes: VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: GC 9B

York Sample ID: 15L0972-26

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 22, 2015 11:16 am	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.151		mg/kg dry	0.0492	0.0492	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/31/2015 08:50	12/31/2015 14:14	ALD

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	61.0		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	12/31/2015 08:17	12/31/2015 13:15	KK

Sample Information

Client Sample ID: GC 10A

York Sample ID: 15L0972-28

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 22, 2015 10:45 am	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Volatile Organics, BTEX

Log-in Notes: VOA-CONT

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:56	01/05/2016 04:33	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:56	01/05/2016 04:33	SS
95-47-6	o-Xylene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 16:56	01/05/2016 04:33	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 16:56	01/05/2016 04:33	SS
108-88-3	Toluene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:56	01/05/2016 04:33	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	16	32	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:56	01/05/2016 04:33	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	77-125
2037-26-5	Surrogate: Toluene-d8	107 %	85-120
460-00-4	Surrogate: p-Bromofluorobenzene	117 %	76-130

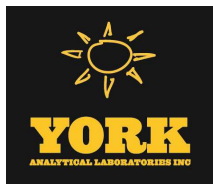
Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

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



Sample Information

Client Sample ID: GC 10A

York Sample ID: 15L0972-28

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 22, 2015 10:45 am	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

91-58-7	2-Chloronaphthalene	ND	ug/kg dry	88.7	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:20	KH
91-57-6	2-Methylnaphthalene	ND	ug/kg dry	88.7	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:02	01/05/2016 16:20	KH
83-32-9	Acenaphthene	ND	ug/kg dry	88.7	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:20	KH
208-96-8	Acenaphthylene	ND	ug/kg dry	88.7	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:20	KH
120-12-7	Anthracene	ND	ug/kg dry	88.7	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:20	KH
56-55-3	Benzo(a)anthracene	ND	ug/kg dry	88.7	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:20	KH
50-32-8	Benzo(a)pyrene	ND	ug/kg dry	88.7	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:20	KH
205-99-2	Benzo(b)fluoranthene	ND	ug/kg dry	88.7	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:20	KH
191-24-2	Benzo(g,h,i)perylene	ND	ug/kg dry	88.7	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:20	KH
207-08-9	Benzo(k)fluoranthene	ND	ug/kg dry	88.7	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:20	KH
218-01-9	Chrysene	ND	ug/kg dry	88.7	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:20	KH
53-70-3	Dibenzo(a,h)anthracene	ND	ug/kg dry	88.7	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:20	KH
206-44-0	Fluoranthene	ND	ug/kg dry	88.7	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:20	KH
86-73-7	Fluorene	ND	ug/kg dry	88.7	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:20	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ug/kg dry	88.7	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:20	KH
91-20-3	Naphthalene	ND	ug/kg dry	88.7	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:02	01/05/2016 16:20	KH
85-01-8	Phenanthrene	ND	ug/kg dry	88.7	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:20	KH
129-00-0	Pyrene	ND	ug/kg dry	88.7	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:20	KH
	* Total PAH	ND	ug/kg dry	178	707	2	EPA 8270D Certifications:	01/04/2016 09:02	01/05/2016 16:20	KH

Surrogate Recoveries

Result

Acceptance Range

4165-60-0	Surrogate: Nitrobenzene-d5	78.6 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	73.6 %	21-113
1718-51-0	Surrogate: Terphenyl-d14	92.7 %	24-116

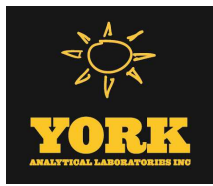
Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	3.50	3.50	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/07/2016 01:51	AMC



Sample Information

Client Sample ID: GC 10A

York Sample ID: 15L0972-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 22, 2015 10:45 am

12/23/2015

Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/kg dry	3.50	3.50	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/07/2016 01:51	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	3.50	3.50	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/07/2016 01:51	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	140	140	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/07/2016 01:51	AMC
60-57-1	Dieldrin	ND		ug/kg dry	3.50	3.50	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/07/2016 01:51	AMC
2385-85-5	* Mirex	ND		ug/kg dry	3.50	3.50	5	EPA 8081B Certifications:	01/05/2016 08:33	01/07/2016 01:51	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	77.7 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	88.0 %	30-140								

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0354	0.0354	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 14:48	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0354	0.0354	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 14:48	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0354	0.0354	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 14:48	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0354	0.0354	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 14:48	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0354	0.0354	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 14:48	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0354	0.0354	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 14:48	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0354	0.0354	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 14:48	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0354	0.0354	1	EPA 8082A Certifications:	01/05/2016 08:33	01/06/2016 14:48	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	92.0 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	78.3 %	30-140								

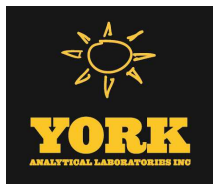
Copper by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	38.3		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 15:02	ALD



Sample Information

Client Sample ID: GC 10A

York Sample ID: 15L0972-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 22, 2015 10:45 am

12/23/2015

Metals, RCRA

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	7.48		mg/kg dry	2.12	2.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 15:02	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.637	0.637	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 15:02	ALD
7440-47-3	Chromium	28.2		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 15:02	ALD
7439-92-1	Lead	42.7		mg/kg dry	0.637	0.637	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 15:02	ALD
7440-22-4	Silver	ND		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 15:02	ALD

Nickel by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	15.2		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 15:02	ALD

Zinc by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	72.1		mg/kg dry	2.12	2.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 15:02	ALD

Mercury by 7473

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.228		mg/kg dry	0.0637	0.0637	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/31/2015 08:50	12/31/2015 14:23	ALD

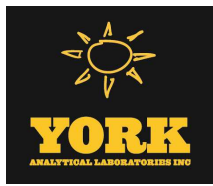
Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	47.1		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	12/31/2015 08:17	12/31/2015 13:15	KK



Sample Information

Client Sample ID: GC 10B

York Sample ID: 15L0972-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 22, 2015 10:45 am

12/23/2015

Volatile Organics, BTEX

Log-in Notes: VOA-CONT

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:56	01/05/2016 05:07	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:56	01/05/2016 05:07	SS
95-47-6	o-Xylene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 16:56	01/05/2016 05:07	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	15	30	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/04/2016 16:56	01/05/2016 05:07	SS
108-88-3	Toluene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:56	01/05/2016 05:07	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	23	45	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 16:56	01/05/2016 05:07	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %			77-125						
2037-26-5	Surrogate: Toluene-d8	111 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	126 %			76-130						

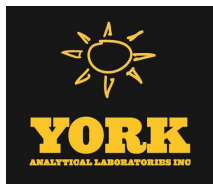
Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	126	251	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:52	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	126	251	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:02	01/05/2016 16:52	KH
83-32-9	Acenaphthene	ND		ug/kg dry	126	251	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:52	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	126	251	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:52	KH
120-12-7	Anthracene	ND		ug/kg dry	126	251	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:52	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	126	251	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:52	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	126	251	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:52	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	126	251	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:52	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	126	251	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:52	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	126	251	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:52	KH
218-01-9	Chrysene	ND		ug/kg dry	126	251	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:52	KH



Sample Information

Client Sample ID: GC 10B

York Sample ID: 15L0972-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0972

Grand Canal

Soil

December 22, 2015 10:45 am

12/23/2015

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	126	251	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:52	KH
206-44-0	Fluoranthene	ND		ug/kg dry	126	251	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:52	KH
86-73-7	Fluorene	ND		ug/kg dry	126	251	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:52	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	126	251	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:52	KH
91-20-3	Naphthalene	ND		ug/kg dry	126	251	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/04/2016 09:02	01/05/2016 16:52	KH
85-01-8	Phenanthrene	ND		ug/kg dry	126	251	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:52	KH
129-00-0	Pyrene	ND		ug/kg dry	126	251	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2016 09:02	01/05/2016 16:52	KH
	* Total PAH	ND		ug/kg dry	253	1000	2	EPA 8270D Certifications:	01/04/2016 09:02	01/05/2016 16:52	KH

Surrogate Recoveries

Result

Acceptance Range

4165-60-0	Surrogate: Nitrobenzene-d5	56.2 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	49.7 %	21-113
1718-51-0	Surrogate: Terphenyl-d14	60.0 %	24-116

Pesticides, 8081 target list

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	4.97	4.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/07/2016 02:06	AMC
72-55-9	4,4'-DDE	ND		ug/kg dry	4.97	4.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/07/2016 02:06	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	4.97	4.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/07/2016 02:06	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	199	199	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/07/2016 02:06	AMC
60-57-1	Dieldrin	ND		ug/kg dry	4.97	4.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/05/2016 08:33	01/07/2016 02:06	AMC
2385-85-5	* Mirex	ND		ug/kg dry	4.97	4.97	5	EPA 8081B Certifications:	01/05/2016 08:33	01/07/2016 02:06	AMC

Surrogate Recoveries

Result

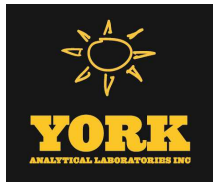
Acceptance Range

877-09-8	Surrogate: Tetrachloro-m-xylene	89.1 %	30-140
2051-24-3	Surrogate: Decachlorobiphenyl	93.2 %	30-140

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: GC 10B

York Sample ID: 15L0972-29

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 22, 2015 10:45 am	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0502	0.0502	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 15:17	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0502	0.0502	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 15:17	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0502	0.0502	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 15:17	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0502	0.0502	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 15:17	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0502	0.0502	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 15:17	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0502	0.0502	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 15:17	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0502	0.0502	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/05/2016 08:33	01/06/2016 15:17	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0502	0.0502	1	EPA 8082A Certifications:	01/05/2016 08:33	01/06/2016 15:17	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	99.5 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	88.4 %	30-140								

Copper by EPA 6010

Log-in Notes: VOA-CONT Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	32.3		mg/kg dry	1.51	1.51	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 15:07	ALD

Metals, RCRA

Log-in Notes: VOA-CONT Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	9.70		mg/kg dry	3.01	3.01	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 15:07	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.904	0.904	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 15:07	ALD
7440-47-3	Chromium	45.3		mg/kg dry	1.51	1.51	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 15:07	ALD
7439-92-1	Lead	54.6		mg/kg dry	0.904	0.904	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 15:07	ALD
7440-22-4	Silver	ND		mg/kg dry	1.51	1.51	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 15:07	ALD

Nickel by EPA 6010

Log-in Notes: VOA-CONT Sample Notes:

Sample Prepared by Method: EPA 3050B

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



Sample Information

Client Sample ID: GC 10B

York Sample ID: 15L0972-29

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 22, 2015 10:45 am	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Nickel by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	23.7		mg/kg dry	1.51	1.51	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/31/2015 09:19	12/31/2015 15:07	ALD

Zinc by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	90.3		mg/kg dry	3.01	3.01	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/31/2015 09:19	12/31/2015 15:07	ALD

Mercury by 7473

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.278		mg/kg dry	0.0904	0.0904	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/31/2015 08:50	12/31/2015 14:32	ALD

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	33.2		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	12/31/2015 08:17	12/31/2015 13:15	KK

Sample Information

Client Sample ID: Dioxin A

York Sample ID: 15L0972-31

<u>York Project (SDG) No.</u> 15L0972	<u>Client Project ID</u> Grand Canal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 21, 2015 11:11 am	<u>Date Received</u> 12/23/2015
--	---	-----------------------	---	------------------------------------

Analyzed by: Summit Environmental (SUB)

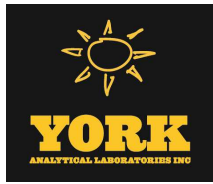
Dioxins, Method 8290

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Dioxins	See attached		See Attached	See attached	See attach	1	EPA 8290 A Certifications:	01/08/2016 00:00	01/08/2016 00:00	



Sample Information

Client Sample ID: Dioxin B

York Sample ID: 15L0972-32

York Project (SDG) No. 15L0972

Client Project ID Grand Canal

Matrix Soil

Collection Date/Time December 21, 2015 11:11 am

Date Received 12/23/2015

Analyzed by: Summit Environmental (SUB)

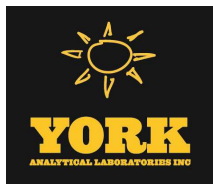
Dioxins, Method 8290

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Dioxins	See attached		See Attached	See attached	See attach	1	EPA 8290 A Certifications:	01/08/2016 00:00	01/08/2016 00:00	



Analytical Batch Summary

Batch ID: 1/8/2016

Preparation Method: EPA 3550B

Prepared By:

YORK Sample ID	Client Sample ID	Preparation Date
15L0972-31	Dioxin A	01/08/16
15L0972-32	Dioxin B	01/08/16

Batch ID: BA60011

Preparation Method: EPA 3550C

Prepared By: MGL

YORK Sample ID	Client Sample ID	Preparation Date
15L0972-01	GC 1A	01/04/16
15L0972-01	GC 1A	01/04/16
15L0972-02	GC 1B	01/04/16
15L0972-02	GC 1B	01/04/16
15L0972-04	GC 2A	01/04/16
15L0972-04	GC 2A	01/04/16
15L0972-05	GC 2B	01/04/16
15L0972-05	GC 2B	01/04/16
15L0972-07	GC 3A	01/04/16
15L0972-07	GC 3A	01/04/16
15L0972-08	GC 3B	01/04/16
15L0972-08	GC 3B	01/04/16
15L0972-10	GC 4A	01/04/16
15L0972-10	GC 4A	01/04/16
15L0972-11	GC 4B	01/04/16
15L0972-11	GC 4B	01/04/16
15L0972-13	GC 5A	01/04/16
15L0972-13	GC 5A	01/04/16
15L0972-14	GC 5B	01/04/16
15L0972-14	GC 5B	01/04/16
BA60011-BLK1	Blank	01/04/16
BA60011-BLK1	Blank	01/04/16
BA60011-BS1	LCS	01/04/16
BA60011-BS2	LCS	01/04/16
BA60011-BSD1	LCS Dup	01/04/16
BA60011-BSD2	LCS Dup	01/04/16
BA60011-MS1	Matrix Spike	01/04/16
BA60011-MS2	Matrix Spike	01/04/16

Batch ID: BA60013

Preparation Method: EPA 3550C

Prepared By: TB

YORK Sample ID	Client Sample ID	Preparation Date
15L0972-16	GC 6A	01/04/16
15L0972-17	GC 6B	01/04/16
15L0972-19	GC 7A	01/04/16
15L0972-20	GC 7B	01/04/16
15L0972-22	GC 8A	01/04/16
15L0972-23	GC 8B	01/04/16
15L0972-25	GC 9A	01/04/16



15L0972-26	GC 9B	01/04/16
15L0972-28	GC 10A	01/04/16
15L0972-29	GC 10B	01/04/16

Batch ID: BA60014 **Preparation Method:** EPA 3550C **Prepared By:** TB

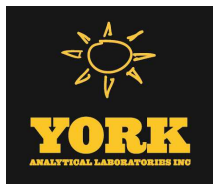
YORK Sample ID	Client Sample ID	Preparation Date
15L0972-01	GC 1A	01/04/16
15L0972-02	GC 1B	01/04/16
15L0972-04	GC 2A	01/04/16
15L0972-05	GC 2B	01/04/16
15L0972-07	GC 3A	01/04/16
15L0972-08	GC 3B	01/04/16
15L0972-10	GC 4A	01/04/16
15L0972-11	GC 4B	01/04/16
15L0972-13	GC 5A	01/04/16
15L0972-14	GC 5B	01/04/16

Batch ID: BA60017 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15L0972-01	GC 1A	01/04/16
15L0972-02	GC 1B	01/04/16
15L0972-04	GC 2A	01/04/16
15L0972-05	GC 2B	01/04/16
15L0972-07	GC 3A	01/04/16
15L0972-08	GC 3B	01/04/16
15L0972-10	GC 4A	01/04/16
15L0972-11	GC 4B	01/04/16
BA60017-BLK1	Blank	01/04/16
BA60017-BS1	LCS	01/04/16
BA60017-BSD1	LCS Dup	01/04/16
BA60017-DUP1	Duplicate	01/04/16
BA60017-MS1	Matrix Spike	01/04/16

Batch ID: BA60018 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15L0972-13	GC 5A	01/04/16
15L0972-14	GC 5B	01/04/16
15L0972-16	GC 6A	01/04/16
15L0972-17	GC 6B	01/04/16
15L0972-19	GC 7A	01/04/16
15L0972-20	GC 7B	01/04/16
BA60018-BLK1	Blank	01/04/16
BA60018-BS1	LCS	01/04/16
BA60018-BSD1	LCS Dup	01/04/16
BA60018-DUP1	Duplicate	01/04/16
BA60018-MS1	Matrix Spike	01/04/16



Batch ID: BA60019

Preparation Method: EPA 5035A

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
15L0972-22	GC 8A	01/04/16
15L0972-23	GC 8B	01/04/16
15L0972-25	GC 9A	01/04/16
15L0972-26	GC 9B	01/04/16
15L0972-28	GC 10A	01/04/16
15L0972-29	GC 10B	01/04/16
BA60019-BLK1	Blank	01/04/16
BA60019-BS1	LCS	01/04/16
BA60019-BSD1	LCS Dup	01/04/16
BA60019-DUP1	Duplicate	01/04/16
BA60019-MS1	Matrix Spike	01/04/16

Batch ID: BA60070

Preparation Method: EPA 3550C

Prepared By: RDS

YORK Sample ID	Client Sample ID	Preparation Date
15L0972-16	GC 6A	01/05/16
15L0972-16	GC 6A	01/05/16
15L0972-17	GC 6B	01/05/16
15L0972-17	GC 6B	01/05/16
15L0972-19	GC 7A	01/05/16
15L0972-19	GC 7A	01/05/16
15L0972-20	GC 7B	01/05/16
15L0972-20	GC 7B	01/05/16
15L0972-22	GC 8A	01/05/16
15L0972-22	GC 8A	01/05/16
15L0972-23	GC 8B	01/05/16
15L0972-23	GC 8B	01/05/16
15L0972-25	GC 9A	01/05/16
15L0972-25	GC 9A	01/05/16
15L0972-26	GC 9B	01/05/16
15L0972-26	GC 9B	01/05/16
15L0972-28	GC 10A	01/05/16
15L0972-28	GC 10A	01/05/16
15L0972-29	GC 10B	01/05/16
15L0972-29	GC 10B	01/05/16
BA60070-BLK1	Blank	01/05/16
BA60070-BLK1	Blank	01/05/16
BA60070-BS1	LCS	01/05/16
BA60070-BS2	LCS	01/05/16
BA60070-BSD1	LCS Dup	01/05/16
BA60070-MS1	Matrix Spike	01/05/16

Batch ID: BL51557

Preparation Method: % Solids Prep

Prepared By: KK

YORK Sample ID	Client Sample ID	Preparation Date
15L0972-01	GC 1A	12/31/15
15L0972-02	GC 1B	12/31/15
15L0972-04	GC 2A	12/31/15



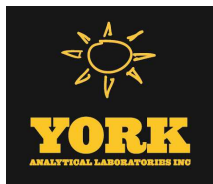
15L0972-05	GC 2B	12/31/15
15L0972-07	GC 3A	12/31/15
15L0972-08	GC 3B	12/31/15
15L0972-10	GC 4A	12/31/15
15L0972-11	GC 4B	12/31/15
15L0972-13	GC 5A	12/31/15
15L0972-14	GC 5B	12/31/15
15L0972-16	GC 6A	12/31/15
15L0972-17	GC 6B	12/31/15
15L0972-19	GC 7A	12/31/15
15L0972-20	GC 7B	12/31/15
15L0972-22	GC 8A	12/31/15
15L0972-23	GC 8B	12/31/15
15L0972-25	GC 9A	12/31/15
15L0972-26	GC 9B	12/31/15
15L0972-28	GC 10A	12/31/15
15L0972-29	GC 10B	12/31/15
BL51557-DUP1	Duplicate	12/31/15

Batch ID: BL51573 **Preparation Method:** EPA 7473 soil **Prepared By:** ALD

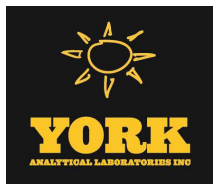
YORK Sample ID	Client Sample ID	Preparation Date
15L0972-01	GC 1A	12/31/15
15L0972-02	GC 1B	12/31/15
15L0972-04	GC 2A	12/31/15
15L0972-05	GC 2B	12/31/15
15L0972-07	GC 3A	12/31/15
15L0972-08	GC 3B	12/31/15
15L0972-10	GC 4A	12/31/15
15L0972-11	GC 4B	12/31/15
15L0972-13	GC 5A	12/31/15
15L0972-14	GC 5B	12/31/15
15L0972-16	GC 6A	12/31/15
15L0972-17	GC 6B	12/31/15
15L0972-19	GC 7A	12/31/15
15L0972-20	GC 7B	12/31/15
15L0972-22	GC 8A	12/31/15
15L0972-23	GC 8B	12/31/15
15L0972-25	GC 9A	12/31/15
15L0972-26	GC 9B	12/31/15
15L0972-28	GC 10A	12/31/15
15L0972-29	GC 10B	12/31/15
BL51573-BLK1	Blank	12/31/15
BL51573-DUP1	Duplicate	12/31/15
BL51573-MS1	Matrix Spike	12/31/15
BL51573-SRM1	Reference	12/31/15

Batch ID: BL51578 **Preparation Method:** EPA 3050B **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15L0972-01	GC 1A	12/31/15
15L0972-02	GC 1B	12/31/15



15L0972-04	GC 2A	12/31/15
15L0972-05	GC 2B	12/31/15
15L0972-07	GC 3A	12/31/15
15L0972-08	GC 3B	12/31/15
15L0972-10	GC 4A	12/31/15
15L0972-11	GC 4B	12/31/15
15L0972-13	GC 5A	12/31/15
15L0972-14	GC 5B	12/31/15
15L0972-16	GC 6A	12/31/15
15L0972-17	GC 6B	12/31/15
15L0972-19	GC 7A	12/31/15
15L0972-20	GC 7B	12/31/15
15L0972-22	GC 8A	12/31/15
15L0972-23	GC 8B	12/31/15
15L0972-25	GC 9A	12/31/15
15L0972-26	GC 9B	12/31/15
15L0972-28	GC 10A	12/31/15
15L0972-29	GC 10B	12/31/15
BL51578-BLK1	Blank	12/31/15
BL51578-DUP1	Duplicate	12/31/15
BL51578-MS1	Matrix Spike	12/31/15
BL51578-SRM1	Reference	12/31/15



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BA60017 - EPA 5035A

Blank (BA60017-BLK1)

Prepared & Analyzed: 01/04/2016

Benzene	ND	5.0	ug/kg wet								
Ethyl Benzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
Toluene	ND	5.0	"								
Xylenes, Total	ND	15	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	47.1		ug/L	50.0		94.2	77-125				
<i>Surrogate: Toluene-d8</i>	46.8		"	50.0		93.7	85-120				
<i>Surrogate: p-Bromofluorobenzene</i>	47.9		"	50.0		95.8	76-130				

LCS (BA60017-BS1)

Prepared & Analyzed: 01/04/2016

Benzene	50		ug/L	50.0		99.4	77-127				
Ethyl Benzene	43		"	50.0		86.9	84-125				
o-Xylene	43		"	50.0		86.0	83-123				
p- & m- Xylenes	86		"	100		85.9	82-128				
Toluene	45		"	50.0		89.7	85-121				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	48.2		"	50.0		96.4	77-125				
<i>Surrogate: Toluene-d8</i>	48.2		"	50.0		96.5	85-120				
<i>Surrogate: p-Bromofluorobenzene</i>	47.5		"	50.0		95.0	76-130				

LCS Dup (BA60017-BSD1)

Prepared & Analyzed: 01/04/2016

Benzene	48		ug/L	50.0		95.1	77-127		4.40	30	
Ethyl Benzene	42		"	50.0		84.4	84-125		2.90	30	
o-Xylene	42		"	50.0		83.0	83-123		3.60	30	
p- & m- Xylenes	83		"	100		82.8	82-128		3.72	30	
Toluene	45		"	50.0		89.8	85-121		0.0446	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	46.6		"	50.0		93.2	77-125				
<i>Surrogate: Toluene-d8</i>	48.1		"	50.0		96.3	85-120				
<i>Surrogate: p-Bromofluorobenzene</i>	48.6		"	50.0		97.3	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

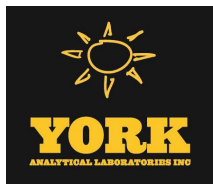
Batch BA60017 - EPA 5035A

Duplicate (BA60017-DUP1)		*Source sample: 15L0972-01 (GC 1A)				Prepared & Analyzed: 01/04/2016	
Benzene	ND	13	ug/kg dry		ND		200
Ethyl Benzene	ND	13	"		ND		200
o-Xylene	ND	13	"		ND		200
p- & m- Xylenes	ND	25	"		ND		200
Toluene	ND	13	"		ND		200
Xylenes, Total	ND	38	"		ND		200
<i>Surrogate: 1,2-Dichloroethane-d4</i>	54.4		ug/L	50.0		109	77-125
<i>Surrogate: Toluene-d8</i>	48.2		"	50.0		96.3	85-120
<i>Surrogate: p-Bromofluorobenzene</i>	46.5		"	50.0		93.1	76-130

Matrix Spike (BA60017-MS1)		*Source sample: 15L0972-01 (GC 1A)				Prepared & Analyzed: 01/04/2016	
Benzene	36		ug/L	50.0	ND	71.8	43-139
Ethyl Benzene	28		"	50.0	ND	55.6	11-158
o-Xylene	26		"	50.0	ND	52.2	10-158
p- & m- Xylenes	54		"	100	ND	54.0	10-156
Toluene	30		"	50.0	ND	60.6	21-160
<i>Surrogate: 1,2-Dichloroethane-d4</i>	51.8		"	50.0		104	77-125
<i>Surrogate: Toluene-d8</i>	48.8		"	50.0		97.5	85-120
<i>Surrogate: p-Bromofluorobenzene</i>	47.6		"	50.0		95.3	70-130

Batch BA60018 - EPA 5035A

Blank (BA60018-BLK1)						Prepared & Analyzed: 01/04/2016	
Benzene	ND	5.0	ug/kg wet				
Ethyl Benzene	ND	5.0	"				
o-Xylene	ND	5.0	"				
p- & m- Xylenes	ND	10	"				
Toluene	ND	5.0	"				
Xylenes, Total	ND	15	"				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0		ug/L	50.0		99.9	77-125
<i>Surrogate: Toluene-d8</i>	49.7		"	50.0		99.3	85-120
<i>Surrogate: p-Bromofluorobenzene</i>	48.6		"	50.0		97.3	76-130



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BA60018 - EPA 5035A

LCS (BA60018-BS1)

Prepared & Analyzed: 01/04/2016

Benzene	51		ug/L	50.0		102	77-127				
Ethyl Benzene	52		"	50.0		103	84-125				
o-Xylene	52		"	50.0		105	83-123				
p- & m- Xylenes	100		"	100		104	82-128				
Toluene	53		"	50.0		106	85-121				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>48.3</i>		<i>"</i>	<i>50.0</i>		<i>96.7</i>	<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>51.2</i>		<i>"</i>	<i>50.0</i>		<i>102</i>	<i>85-120</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>49.0</i>		<i>"</i>	<i>50.0</i>		<i>98.1</i>	<i>76-130</i>				

LCS Dup (BA60018-BSD1)

Prepared & Analyzed: 01/04/2016

Benzene	52		ug/L	50.0		103	77-127		0.916	30	
Ethyl Benzene	54		"	50.0		107	84-125		3.89	30	
o-Xylene	54		"	50.0		109	83-123		3.73	30	
p- & m- Xylenes	110		"	100		107	82-128		3.31	30	
Toluene	54		"	50.0		109	85-121		2.67	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>49.5</i>		<i>"</i>	<i>50.0</i>		<i>99.0</i>	<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>51.5</i>		<i>"</i>	<i>50.0</i>		<i>103</i>	<i>85-120</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>51.2</i>		<i>"</i>	<i>50.0</i>		<i>102</i>	<i>76-130</i>				

Duplicate (BA60018-DUP1)

*Source sample: 15L0972-13 (GC 5A)

Prepared: 01/04/2016 Analyzed: 01/05/2016

Benzene	ND	18	ug/kg dry		ND						200
Ethyl Benzene	ND	18	"		ND						200
o-Xylene	ND	18	"		ND						200
p- & m- Xylenes	ND	36	"		ND						200
Toluene	ND	18	"		ND						200
Xylenes, Total	ND	54	"		ND						200
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>48.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>96.1</i>	<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>60.5</i>		<i>"</i>	<i>50.0</i>		<i>121</i>	<i>85-120</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>87.3</i>		<i>"</i>	<i>50.0</i>		<i>175</i>	<i>76-130</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BA60018 - EPA 5035A

Matrix Spike (BA60018-MS1) *Source sample: 15L0972-13 (GC 5A) Prepared: 01/04/2016 Analyzed: 01/05/2016

Benzene	51		ug/L	50.0	ND	102	43-139				
Ethyl Benzene	58		"	50.0	ND	116	11-158				
o-Xylene	54		"	50.0	ND	108	10-158				
p- & m- Xylenes	110		"	100	ND	114	10-156				
Toluene	64		"	50.0	ND	127	21-160				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>52.4</i>		<i>"</i>	<i>50.0</i>		<i>105</i>	<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>60.7</i>		<i>"</i>	<i>50.0</i>		<i>121</i>	<i>85-120</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>76.3</i>		<i>"</i>	<i>50.0</i>		<i>153</i>	<i>70-130</i>				

Batch BA60019 - EPA 5035A

Blank (BA60019-BLK1) Prepared: 01/04/2016 Analyzed: 01/05/2016

Benzene	ND	5.0	ug/kg wet								
Ethyl Benzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
Toluene	ND	5.0	"								
Xylenes, Total	ND	15	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>49.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.7</i>	<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>48.7</i>		<i>"</i>	<i>50.0</i>		<i>97.3</i>	<i>85-120</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>51.2</i>		<i>"</i>	<i>50.0</i>		<i>102</i>	<i>76-130</i>				

LCS (BA60019-BS1)

Prepared & Analyzed: 01/04/2016

Benzene	53		ug/L	50.0		105	77-127				
Ethyl Benzene	52		"	50.0		104	84-125				
o-Xylene	51		"	50.0		101	83-123				
p- & m- Xylenes	100		"	100		102	82-128				
Toluene	52		"	50.0		103	85-121				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>50.0</i>		<i>"</i>	<i>50.0</i>		<i>100</i>	<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>49.4</i>		<i>"</i>	<i>50.0</i>		<i>98.9</i>	<i>85-120</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>48.5</i>		<i>"</i>	<i>50.0</i>		<i>96.9</i>	<i>76-130</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BA60019 - EPA 5035A

LCS Dup (BA60019-BSD1)

Prepared: 01/04/2016 Analyzed: 01/05/2016

Benzene	51		ug/L	50.0		102	77-127		3.32	30
Ethyl Benzene	51		"	50.0		103	84-125		0.947	30
o-Xylene	51		"	50.0		101	83-123		0.178	30
p- & m- Xylenes	100		"	100		103	82-128		0.780	30
Toluene	53		"	50.0		107	85-121		3.66	30
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>46.0</i>		<i>"</i>	<i>50.0</i>		<i>91.9</i>	<i>77-125</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.5</i>		<i>"</i>	<i>50.0</i>		<i>101</i>	<i>85-120</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>49.8</i>		<i>"</i>	<i>50.0</i>		<i>99.5</i>	<i>76-130</i>			

Duplicate (BA60019-DUP1)

*Source sample: 15L0972-23 (GC 8B)

Prepared: 01/04/2016 Analyzed: 01/05/2016

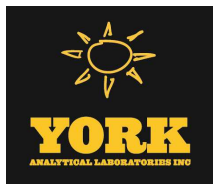
Benzene	ND	8.4	ug/kg dry		ND					200
Ethyl Benzene	ND	8.4	"		ND					200
o-Xylene	ND	8.4	"		ND					200
p- & m- Xylenes	ND	17	"		ND					200
Toluene	ND	8.4	"		ND					200
Xylenes, Total	ND	25	"		ND					200
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>47.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>95.4</i>	<i>77-125</i>			
<i>Surrogate: Toluene-d8</i>	<i>66.0</i>		<i>"</i>	<i>50.0</i>		<i>132</i>	<i>85-120</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>82.3</i>		<i>"</i>	<i>50.0</i>		<i>165</i>	<i>76-130</i>			

Matrix Spike (BA60019-MS1)

*Source sample: 15L0972-23 (GC 8B)

Prepared: 01/04/2016 Analyzed: 01/05/2016

Benzene	53		ug/L	50.0	ND	105	43-139			
Ethyl Benzene	54		"	50.0	ND	108	11-158			
o-Xylene	48		"	50.0	ND	96.2	10-158			
p- & m- Xylenes	88		"	100	0.83	87.5	10-156			
Toluene	65		"	50.0	ND	130	21-160			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>48.1</i>		<i>"</i>	<i>50.0</i>		<i>96.3</i>	<i>77-125</i>			
<i>Surrogate: Toluene-d8</i>	<i>63.8</i>		<i>"</i>	<i>50.0</i>		<i>128</i>	<i>85-120</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>81.2</i>		<i>"</i>	<i>50.0</i>		<i>162</i>	<i>70-130</i>			



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BA60011 - EPA 3550C

Blank (BA60011-BLK1)

Prepared: 01/04/2016 Analyzed: 01/05/2016

4,4'-DDD	ND	0.330	ug/kg wet								
4,4'-DDE	ND	0.330	"								
4,4'-DDT	ND	0.330	"								
Chlordane, total	ND	13.2	"								
Dieldrin	ND	0.330	"								
Mirex	ND	0.330	"								
<i>Surrogate: Tetrachloro-m-xylene</i>	58.0		"	67.0		86.6		30-140			
<i>Surrogate: Decachlorobiphenyl</i>	43.0		"	69.0		62.3		30-140			

LCS (BA60011-BS1)

Prepared: 01/04/2016 Analyzed: 01/05/2016

4,4'-DDD	22.3	0.330	ug/kg wet	33.3		66.9		40-140			
4,4'-DDE	20.8	0.330	"	33.3		62.5		40-140			
4,4'-DDT	24.8	0.330	"	33.3		74.3		40-140			
Dieldrin	26.4	0.330	"	33.3		79.3		40-140			
<i>Surrogate: Tetrachloro-m-xylene</i>	56.1		"	67.0		83.8		30-140			
<i>Surrogate: Decachlorobiphenyl</i>	40.2		"	69.0		58.3		30-140			

LCS Dup (BA60011-BSD1)

Prepared: 01/04/2016 Analyzed: 01/05/2016

4,4'-DDD	26.5	0.330	ug/kg wet	33.3		79.4		40-140	17.1	30	
4,4'-DDE	24.7	0.330	"	33.3		74.1		40-140	17.1	30	
4,4'-DDT	28.7	0.330	"	33.3		86.2		40-140	14.9	30	
Dieldrin	29.6	0.330	"	33.3		88.9		40-140	11.4	30	
<i>Surrogate: Tetrachloro-m-xylene</i>	57.7		"	67.0		86.2		30-140			
<i>Surrogate: Decachlorobiphenyl</i>	46.3		"	69.0		67.1		30-140			

Matrix Spike (BA60011-MS1)

*Source sample: 15L0972-13 (GC 5A)

Prepared: 01/04/2016 Analyzed: 01/05/2016

4,4'-DDD	459	5.89	ug/kg dry	119	630	NR		30-150	Low Bias		
4,4'-DDE	152	5.89	"	119	100	43.3		30-150			
4,4'-DDT	144	5.89	"	119	ND	121		30-150			
Dieldrin	128	5.89	"	119	ND	108		30-150			
<i>Surrogate: Tetrachloro-m-xylene</i>	161		"	239		67.4		30-140			
<i>Surrogate: Decachlorobiphenyl</i>	178		"	246		72.2		30-140			



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BA60070 - EPA 3550C

Blank (BA60070-BLK1)

Prepared: 01/05/2016 Analyzed: 01/06/2016

4,4'-DDD	ND	0.330	ug/kg wet										
4,4'-DDE	ND	0.330	"										
4,4'-DDT	ND	0.330	"										
Chlordane, total	ND	13.2	"										
Dieldrin	ND	0.330	"										
Mirex	ND	0.330	"										
<i>Surrogate: Tetrachloro-m-xylene</i>	57.4		"	67.0		85.6		30-140					
<i>Surrogate: Decachlorobiphenyl</i>	48.5		"	69.0		70.2		30-140					

LCS (BA60070-BS1)

Prepared: 01/05/2016 Analyzed: 01/06/2016

4,4'-DDD	32.8	0.330	ug/kg wet	33.3		98.4		40-140					
4,4'-DDE	28.0	0.330	"	33.3		84.1		40-140					
4,4'-DDT	35.0	0.330	"	33.3		105		40-140					
Dieldrin	29.4	0.330	"	33.3		88.3		40-140					
<i>Surrogate: Tetrachloro-m-xylene</i>	51.7		"	67.0		77.1		30-140					
<i>Surrogate: Decachlorobiphenyl</i>	47.5		"	69.0		68.9		30-140					

LCS Dup (BA60070-BSD1)

Prepared: 01/05/2016 Analyzed: 01/06/2016

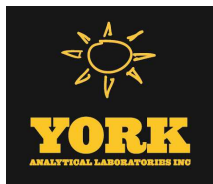
4,4'-DDD	34.8	0.330	ug/kg wet	33.3		104		40-140	5.86	30			
4,4'-DDE	30.9	0.330	"	33.3		92.6		40-140	9.63	30			
4,4'-DDT	36.6	0.330	"	33.3		110		40-140	4.30	30			
Dieldrin	32.1	0.330	"	33.3		96.4		40-140	8.78	30			
<i>Surrogate: Tetrachloro-m-xylene</i>	52.4		"	67.0		78.2		30-140					
<i>Surrogate: Decachlorobiphenyl</i>	42.4		"	69.0		61.5		30-140					

Matrix Spike (BA60070-MS1)

*Source sample: 15L0972-26 (GC 9B)

Prepared: 01/05/2016 Analyzed: 01/06/2016

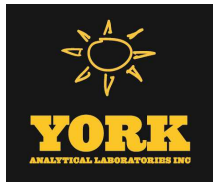
4,4'-DDD	62.2	2.70	ug/kg dry	54.6	ND	114		30-150					
4,4'-DDE	72.5	2.70	"	54.6	ND	133		30-150					
4,4'-DDT	52.3	2.70	"	54.6	ND	95.7		30-150					
Dieldrin	53.6	2.70	"	54.6	ND	98.1		30-150					
<i>Surrogate: Tetrachloro-m-xylene</i>	89.4		"	110		81.4		30-140					
<i>Surrogate: Decachlorobiphenyl</i>	89.2		"	113		78.9		30-140					



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			
Batch BA60011 - EPA 3550C													
Blank (BA60011-BLK1)											Prepared & Analyzed: 01/04/2016		
Aroclor 1016	ND	0.0167	mg/kg wet										
Aroclor 1221	ND	0.0167	"										
Aroclor 1232	ND	0.0167	"										
Aroclor 1242	ND	0.0167	"										
Aroclor 1248	ND	0.0167	"										
Aroclor 1254	ND	0.0167	"										
Aroclor 1260	ND	0.0167	"										
Total PCBs	ND	0.0167	"										
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0733		"	0.0670		109		30-140					
<i>Surrogate: Decachlorobiphenyl</i>	0.0657		"	0.0690		95.2		30-140					
LCS (BA60011-BS2)											Prepared: 01/04/2016 Analyzed: 01/05/2016		
Aroclor 1016	0.373	0.0167	mg/kg wet	0.333		112		40-130					
Aroclor 1260	0.356	0.0167	"	0.333		107		40-130					
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0723		"	0.0670		108		30-140					
<i>Surrogate: Decachlorobiphenyl</i>	0.0653		"	0.0690		94.7		30-140					
LCS Dup (BA60011-BSD2)											Prepared: 01/04/2016 Analyzed: 01/05/2016		
Aroclor 1016	0.360	0.0167	mg/kg wet	0.333		108		40-130		3.38		25	
Aroclor 1260	0.347	0.0167	"	0.333		104		40-130		2.56		25	
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0810		"	0.0670		121		30-140					
<i>Surrogate: Decachlorobiphenyl</i>	0.0730		"	0.0690		106		30-140					
Matrix Spike (BA60011-MS2)											Prepared: 01/04/2016 Analyzed: 01/05/2016		
*Source sample: 15L0972-02 (GC 1B)													
Aroclor 1016	0.344	0.0227	mg/kg dry	0.453	ND	75.8		40-140					
Aroclor 1260	0.392	0.0227	"	0.453	ND	86.4		40-140					
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0911		"	0.0911		100		30-140					
<i>Surrogate: Decachlorobiphenyl</i>	0.0888		"	0.0938		94.7		30-140					



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60070 - EPA 3550C											
Blank (BA60070-BLK1)										Prepared & Analyzed: 01/05/2016	
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0763		"	0.0670		114	30-140				
<i>Surrogate: Decachlorobiphenyl</i>	0.0570		"	0.0690		82.6	30-140				
LCS (BA60070-BS2)										Prepared & Analyzed: 01/05/2016	
Aroclor 1016	0.360	0.0167	mg/kg wet	0.333		108	40-130				
Aroclor 1260	0.333	0.0167	"	0.333		99.9	40-130				
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0730		"	0.0670		109	30-140				
<i>Surrogate: Decachlorobiphenyl</i>	0.0573		"	0.0690		83.1	30-140				



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BL51578 - EPA 3050B

Blank (BL51578-BLK1)

Prepared & Analyzed: 12/31/2015

Arsenic	ND	1.00	mg/kg wet									
Cadmium	ND	0.300	"									
Chromium	ND	0.500	"									
Copper	ND	0.500	"									
Lead	ND	0.300	"									
Nickel	ND	0.500	"									
Silver	ND	0.500	"									
Zinc	ND	1.00	"									

Duplicate (BL51578-DUP1)

*Source sample: 15L0972-01 (GC 1A)

Prepared & Analyzed: 12/31/2015

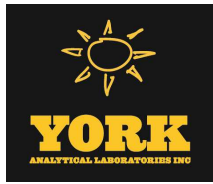
Arsenic	8.02	2.54	mg/kg dry	8.56					6.50	35
Cadmium	ND	0.762	"	ND						35
Chromium	20.5	1.27	"	19.8					3.88	35
Copper	66.5	1.27	"	63.7					4.27	35
Lead	32.6	0.762	"	31.3					4.02	35
Nickel	10.0	1.27	"	10.2					1.49	35
Silver	ND	1.27	"	ND						35
Zinc	84.1	2.54	"	80.4					4.45	35

Matrix Spike (BL51578-MS1)

*Source sample: 15L0972-01 (GC 1A)

Prepared & Analyzed: 12/31/2015

Arsenic	501	2.54	mg/kg dry	508	8.56	97.1	75-125
Cadmium	13.4	0.762	"	12.7	ND	105	75-125
Chromium	70.6	1.27	"	50.8	19.8	100	75-125
Copper	130	1.27	"	63.5	63.7	104	75-125
Lead	159	0.762	"	127	31.3	100	75-125
Nickel	146	1.27	"	127	10.2	107	75-125
Silver	11.0	1.27	"	12.7	ND	86.3	75-125
Zinc	222	2.54	"	127	80.4	112	75-125



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BL51578 - EPA 3050B

Reference (BL51578-SRM1)

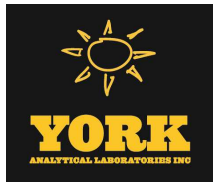
Prepared & Analyzed: 12/31/2015

Arsenic	104	1.00	mg/kg wet	113		92.2	69.7-142.5						
Cadmium	62.1	0.300	"	67.5		92.0	73.2-126.8						
Chromium	155	0.500	"	164		94.6	70.7-129.9						
Copper	126	0.500	"	128		98.7	75.2-125.8						
Lead	83.3	0.300	"	90.1		92.4	70.1-129.9						
Nickel	96.4	0.500	"	89.3		108	72-127.7						
Silver	34.9	0.500	"	52.6		66.4	66.7-133.5	Low Bias					
Zinc	154	1.00	"	168		91.8	69-131.5						



Mercury by EPA 7000/200 Series Methods - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit		Level	Result	%REC			Limit			
Batch BL51573 - EPA 7473 soil												
Blank (BL51573-BLK1)											Prepared & Analyzed: 12/31/2015	
Mercury	ND	0.0300	mg/kg wet									
Duplicate (BL51573-DUP1) *Source sample: 15L0972-01 (GC 1A)											Prepared & Analyzed: 12/31/2015	
Mercury	0.169	0.0762	mg/kg dry		0.183					7.92	35	
Matrix Spike (BL51573-MS1) *Source sample: 15L0972-01 (GC 1A)											Prepared & Analyzed: 12/31/2015	
Mercury	0.584		mg/kg	0.500	0.0722	102	75-125					
Reference (BL51573-SRM1)											Prepared & Analyzed: 12/31/2015	
Mercury	6.9241		mg/kg	5.76		120	71.2-129					

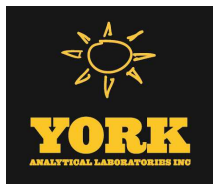


Miscellaneous Physical Parameters - Quality Control Data
York Analytical Laboratories, Inc.

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

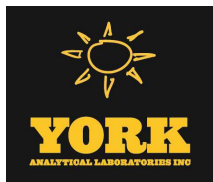
Batch BL51557 - % Solids Prep

Duplicate (BL51557-DUP1)	*Source sample: 15L0972-29 (GC 10B)							Prepared & Analyzed: 12/31/2015			
% Solids	33.2	0.100	%		33.2				0.145	20	



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15L0972-01	GC 1A	2 oz. WM Clear Glass Cool to 4° C
15L0972-02	GC 1B	2 oz. WM Clear Glass Cool to 4° C
15L0972-04	GC 2A	2 oz. WM Clear Glass Cool to 4° C
15L0972-05	GC 2B	2 oz. WM Clear Glass Cool to 4° C
15L0972-07	GC 3A	2 oz. WM Clear Glass Cool to 4° C
15L0972-08	GC 3B	2 oz. WM Clear Glass Cool to 4° C
15L0972-10	GC 4A	2 oz. WM Clear Glass Cool to 4° C
15L0972-11	GC 4B	2 oz. WM Clear Glass Cool to 4° C
15L0972-13	GC 5A	2 oz. WM Clear Glass Cool to 4° C
15L0972-14	GC 5B	2 oz. WM Clear Glass Cool to 4° C
15L0972-16	GC 6A	2 oz. WM Clear Glass Cool to 4° C
15L0972-17	GC 6B	2 oz. WM Clear Glass Cool to 4° C
15L0972-19	GC 7A	2 oz. WM Clear Glass Cool to 4° C
15L0972-20	GC 7B	2 oz. WM Clear Glass Cool to 4° C
15L0972-22	GC 8A	2 oz. WM Clear Glass Cool to 4° C
15L0972-23	GC 8B	2 oz. WM Clear Glass Cool to 4° C
15L0972-25	GC 9A	2 oz. WM Clear Glass Cool to 4° C
15L0972-26	GC 9B	2 oz. WM Clear Glass Cool to 4° C
15L0972-28	GC 10A	2 oz. WM Clear Glass Cool to 4° C
15L0972-29	GC 10B	2 oz. WM Clear Glass Cool to 4° C



Notes and Definitions

VOA-CONT NON-COMPLIANT- the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.

S-08 The recovery of this surrogate was outside of QC limits.

QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater than the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.

QL-02 This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.

M-LSRD Original sample conc <50 X reporting limit.

IS-LO The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.

HT-01 This result was reported from an analysis conducted outside of the EPA recommended holding time.

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.

ND NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

LOQ LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.

LOD LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.

MDL METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.

Reported to This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.

NR Not reported

RPD Relative Percent Difference

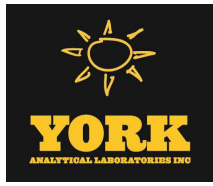
Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

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

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



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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRAITFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRAITFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 15L0972

YOUR Information

Company: Cashin Assoc.
Address: 1200 Vets Hwy
Houmaque NY 11788
Phone No. 631-348-7600
Contact Person: Keith Brewer
E-Mail Address: KBrewer@ca.com

Report To:

Company: same
Address: _____
Phone No. _____
Attention: _____
E-Mail Address: _____

Invoice To:

Company: same
Address: _____
Phone No. _____
Attention: _____
E-Mail Address: _____

YOUR Project ID

Grand Canal
Purchase Order No. _____

Turn-Around Time

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

Report Type

Summary Report
Summary w/ QA Summary
CT RCP Package
CT RCP DQ/ADUE Prg
NY ASP A Package
NY ASP B Package
NJDEP Red Deliv.
Electronic Data Deliverables (EDD)
Simple Excel
NYSDEC EQUIS
EQUIS (std)
EZ-EDD (EQUIS)
NJDEP SRP HazSite EDD
GIS/KEY (std)
Other _____
York-Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in): _____

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

Signature: Andrew Thyberg
Name (printed): Andrew Thyberg

Matrix Codes
S - soil
Other - specify (oil, etc)
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles	Semi-Volat. Hydrocarbons	Metals	Misc. Org.	Full Lists	Misc.
\$260 full	\$270 or 625	RCRAS	TPH GRO	Full Poll.	Compositivity
624	STARS list	PP13 list	TPH DRO	TCL Organ	Reactivity
STARS list	BN Only	TAL	CT ET/PH	TAL, MetCN	Ignitability
STARS list	Acids Only	CT 15 list	NY 310-13	Full TCLP	Fresh Point
MTBE	PAH list	TAQM list	TPH 1664	Full App. IX	Stev Anal.
TCL list	TAQM list	Site Spec.	Pat 300-Rate	Pat 300-Bacter	Heteromypis
TAQM list	TCPL list	TCPL Post	TCPL Herb	Disolved	Air-TO15
CT RCP list	TCPL list	TCPL Herb	SRP/TCPL	SRP/TCPL	Air-STAR5
Atom. only	NJDEP list	Chlordane	App. IX	Chlordane	Air-VPH
App. IX list	SRP/TCPL	TCPL BNA	SRP/TCPL	TCPL BNA	Air-TCIS
\$021B list	SRP/TCPL	608 PCB	608 PCB	LIST Below	Methane
					Helium

Choose Analyses Needed from the Menu Above and Enter Below

Container Descriptions(s)

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Descriptions(s)
GC1A	12/11/15 11:11am	S	See expired table (remailed to Rich Agost)	18oz, 12oz
GC1B	12/11/15 11:11am			
GC1C	12/11/15 11:11am			
GC2A	12/11/15 12:17pm			
GC2B	12/11/15 12:17pm			
GC2C	12/11/15 12:17pm			
GC3A	12/11/15 1:30pm			
GC3B	12/11/15 1:30pm			
GC3C	12/11/15 1:30pm			
GC4A	12/11/15 2:10pm			

Comments: Hdd samples until further instruction

Preservation Check these Applicable
Special Instructions

4°C Frozen
ZnAc Ascorbic Acid

HNO₃ H₂SO₄ NaOH

Temperature on Receipt 3.7 °C

Field Filled
Lab to Filter
Samples Relinquished By Rich Agost Date/Time 12/23/15

Samples Received By Rich Agost Date/Time 12/23/15

Samples Relinquished By Rich Agost Date/Time 12/23/15



YORK ANALYTICAL LABORATORIES
 120 RESEARCH DR.
 STRATFORD, CT 06615
 (203) 325-1371
 FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 15L0972

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type	
Company: <u>Cashin Assoc</u>	Company: <u>Sam</u>	Company: <u>Sam</u>	Company: <u>Sam</u>	Company: <u>Sam</u>	Company: <u>Sam</u>	Company: <u>Sam</u>	Company: <u>Sam</u>	Company: <u>Sam</u>	Company: <u>Sam</u>	Company: <u>Sam</u>	Company: <u>Sam</u>
Address: <u>1200 Vets Hwy</u>	Address: _____	Address: _____	Address: _____	Address: _____	Address: _____	Address: _____	Address: _____	Address: _____	Address: _____	Address: _____	Address: _____
Phone No. <u>831 348 7600</u>	Phone No. _____	Phone No. _____	Phone No. _____	Phone No. _____	Phone No. _____	Phone No. _____	Phone No. _____	Phone No. _____	Phone No. _____	Phone No. _____	Phone No. _____
Contact Person: <u>Kath Brewer</u>	Attention: _____	Attention: _____	Attention: _____	Attention: _____	Attention: _____	Attention: _____	Attention: _____	Attention: _____	Attention: _____	Attention: _____	Attention: _____
E-Mail Address: <u>KBrewer@cashin.com</u>	E-Mail Address: _____	E-Mail Address: _____	E-Mail Address: _____	E-Mail Address: _____	E-Mail Address: _____	E-Mail Address: _____	E-Mail Address: _____	E-Mail Address: _____	E-Mail Address: _____	E-Mail Address: _____	E-Mail Address: _____

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

Samples Collected/Authorized By (Signature) [Signature]
 Name (printed) Andrew Tischberg

Matrix Codes	Volatiles	Semi-Volatiles	Metals	Misc. Org.	Full Tests	Misc.
S - soil	8260 full	8270 or 625	RGRAS	TPH GRO	Pal. Roll.	Compositivity
Other - specify (oil, etc)	624	STAR5 list	PP13 list	TPH DRO	TCL Ognis	Reactivity
GW - groundwater	BTX5 list	Nite Spec.	TAL	CT ETPII	TAL MeCN	Ignitability
WV - wastewater	STX5 list	Site Spec.	CT15 list	Full TCLP	Full TCLP	Fresh Point
DW - drinking water	Suffolk Co.	Acids Only	App. IX	TPH 1664	Full App. IX	Sewer Anal.
Air-A - ambient air	App. IX list	NDIR list	Chlordane	Disolved	Part 300 Lead	Heteroatoms
Air-SV - soil vapor	SRP or TCLP	App. IX	TPH Herb	SRP or TCLP	Part 300 Cadm	TOX
	SRP or TCLP	App. IX	Chlordane	SRP or TCLP	Part 300 Arsenic	BTU/Br
	SRP or TCLP	App. IX	Chlordane	SRP or TCLP	Part 300 Hexachlor	Aqueous Tox
	SRP or TCLP	App. IX	Chlordane	SRP or TCLP	Part 300 PCBs	TOC
	SRP or TCLP	App. IX	Chlordane	SRP or TCLP	Part 300 PCBs	Adhesives
	SRP or TCLP	App. IX	Chlordane	SRP or TCLP	Part 300 PCBs	Silica
	SRP or TCLP	App. IX	Chlordane	SRP or TCLP	Part 300 PCBs	Silica

Choose Analyses Needed from the Menu Above and Enter Below

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GC4B	12/21/15 2:10pm	S	See table (emailed to Rich August)	1802 202.
GC4C	12/21/15 2:10pm			
GC5A	12/21/15 2:50pm			
GC5B	12/21/15 2:50pm			
GC5C	12/21/15 2:50pm			
GC6A	12/22/15 12:50pm			
GC6B	12/22/15 12:50pm			
GC6C	12/22/15 12:50pm			
GC7A	12/22/15 12:30pm			
GC7B	12/22/15 12:30pm			

Comments: Hold Samples until further instruction

Preservation: Field Filled Lab to Filter

Check those Applicable: Special Instructions

4°C _____ From _____ ZnAc _____ HCl _____ MeOH _____ HNO₃ _____ H₂SO₄ _____ NaOH _____

Samples Relinquished By: [Signature] Date/Time: 12/23/15

Samples Received By: [Signature] Date/Time: 12/23/15

Samples Relinquished By: [Signature] Date/Time: 12/23/15

Samples Received In LAB by: [Signature] Date/Time: 12/23/15

Temperature on Receipt: 3.7 °C



YORK
ANALYTICAL LABORATORIES

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 15L 0972

YOUR Information

Company: Cashin Assoc
Address: 1200 Vets Hwy
Hicksville NY 11758
Phone No. 631 348 7600

Contact Person: Keith Brewer
E-Mail Address: KBrewer@Co-K.com

Report To:

Company: Same
Address: _____
Phone No. _____

Invoice To:

Company: Same
Address: _____
Phone No. _____

YOUR Project ID

Grand Canal
Purchase Order No. _____

Turn-Around Time

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

Report Type

Summary Report
Summary w/ QA Summary
CT RCP Package
CTRCP DOA/DUE Pkg
NY ASP A Package
NY ASP B Package
NIDEP Red. Deliv.
Electronic Data Deliverables (EDD)
Simple Excel
NYSDEC EQuls
EQuls (std)
EZ-BDD (EQuls)
NIDEP SRP HazSite EDD
GIS/KEY (std)
Other _____
York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in): _____

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

Samples Collected/Authorized By (Signature) [Signature]
Name (printed) Andrew Hykberg

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GC 7C	12/22/15 12:20pm	S	See table (emailed to Rick August)	8oz 12oz.
GC 8A	12/22/15 11:55am			
GC 8B	12/22/15 11:55am			
GC 8C	12/22/15 11:55am			
GC 9A	12/22/15 11:16am			
GC 9B	12/22/15 11:16am			
GC 9C	12/22/15 11:16am			
GC 10A	12/22/15 10:45am			
GC 10B	12/22/15 10:45am			
GC 10C	12/22/15 10:45am			

Hold samples until further instruction.

Preservation Special Instructions

4°C _____ Frozen _____ HCl _____ HNO₂ _____ H₂SO₄ _____ NaOH _____
ZnAc _____ Ascorbic Acid _____ Other _____

Field Filtered
Lab to Filter

Temperature on Receipt 3.7 °C

Samples Relinquished By [Signature] Date/Time 12/23/15
Samples Relinquished By [Signature] Date/Time 12/23/15
Samples Relinquished By [Signature] Date/Time 12/23/15

Samples Received By [Signature] Date/Time 12/23/15
Samples Received By [Signature] Date/Time 12/23/15
Samples Received in LAB by [Signature] Date/Time 12/23/15



YORK
ANALYTICAL LABORATORIES

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STAFFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 1570972

YOUR Information Company: <u>Cashin Assoc.</u> Address: <u>1200 vets Hwy</u> <u>Hartford CT 06118</u> Phone No. <u>631 348 7600</u>		Report To: Company: <u>Same</u> Address: _____ Phone No. _____		Invoice To: Company: <u>Same</u> Address: _____ Phone No. _____		YOUR Project ID <u>Grand Canal</u>		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/>		Report Type Summary Report <u>WAA</u> Summary w/ QA Summary <input type="checkbox"/> CT RCP Package <input type="checkbox"/> CT RCP DQADUE Pkg <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <input type="checkbox"/> NDEP Red. Deliv. <input type="checkbox"/>	
E-Mail Address: <u>KBrewer@ca-</u>		E-Mail Address: _____		E-Mail Address: _____		Samples from: CT <input type="checkbox"/> NY <input checked="" type="checkbox"/> NJ <input type="checkbox"/>		Standard (5-7 Days) <input type="checkbox"/>		Electronic Data Deliverables (EDD) Simple Excel <input checked="" type="checkbox"/> NYSDEC EQULS <input type="checkbox"/> EQULS (std) <input type="checkbox"/> EZ-EDD (EQULS) <input type="checkbox"/> NDEP SRP HazSite EDD <input type="checkbox"/> GIS/KEY (std) <input type="checkbox"/> Other: _____ York Regulatory Comparison Excel Spreadsheet <input type="checkbox"/> Compare to the following Regs. (please fill in): _____	

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

Samples Collected/Authorized By (Signature) [Signature]
Name (printed) Andrew Thyberg

Volatiles	Semi-Volatiles	Metals	Misc. Org.	Full Lists	Misc.
8260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halogen only App. IX list 802/B list	TTCs Site Spec. Nassau Co. Suffolk Co. Ketones Oxygenates TAGM list BN Only Acids Only PAH list TAGM list CT RCP list TCL list NIDEP list App. IX TCLP BNA SP/PTCLP SP/PTCLP 608 PCB	8082 PCB 8081 Pest CT RCP Acids Only App. IX TAGM list NIDEP list TCLP Pest Dissolved SP/PTCLP Inks/Metals LST Below Helium	TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO15 Air STARS Air VPH Air TCs Methane	Full Poll. TCL Organics Full TCLP Full App. IX Pat. 300-Residue Pat. 300-Residue Pat. 300-Residue NYCDB-Residue NYSDEC-Residue TAGM	Conductivity Reactivity Ignitability Flash Point Slend. Anal. Histoneoplys TOX BTL/Wh. Aqueous Tox TOC Adhesives Silica

Sample Identification: _____ Date/Time Sampled: _____ Sample Matrix: _____

Choose Analyses Needed from the Menu Above and Enter Below

Dioxin A	12/21/15	Lillian	S	see table! (emailed to Rich August)	1802	Container Description(s)
Dioxin B	12/21/15	Lillian				
Dioxin C	12/21/15	Lillian				

Matrix Codes: S - soil, Other - specify (oil, etc), WW - wastewater, GW - groundwater, DW - drinking water, Air-A - ambient air, Air-SV - soil vapor

Preservation: _____
Check those Applicable: Special Instructions , Field Filled , Lab to Filler

Comments: Hold samples until further instruction

4°C _____ Frozen _____ HCl _____ Meth _____ HNO₃ _____ H₂SO₄ _____ NaOH _____

ZnAc _____

Ascorbic Acid _____ Other _____

Temperature on Receipt: 3.7 °C



Summit Environmental Technologies, Inc.
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

January 11, 2016

Phil Murphy
York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
TEL: (203) 325-1371
FAX: (203) 357-0166
RE: 15L0972

Order No.: 15122011

Dear Phil Murphy:

Summit Environmental Technologies, Inc. received 2 sample(s) on 12/31/2015 for the analyses presented in the following report.

There were no problems with the analytical events associated with this report unless noted in the Case Narrative.

Quality control data is within laboratory defined or method specified acceptance limits except where noted.

If you have any questions regarding these tests results, please feel free to call the laboratory.

Sincerely,

A handwritten signature in black ink, appearing to read "Cecilia Markovich", is written over a light blue rectangular background.

Cecilia Markovich

Technical Director

3310 Win St.
Cuyahoga Falls, Ohio 44223

A2LA 0724.01, Alabama 41600, Arizona AZ0788, Arkansas 88-0735, California 07256CA, Colorado, Connecticut PH-0105, Delaware, Florida NELAC E87688, Georgia E87688 and 943, Idaho OH00923, Illinois 200061 and Reg.5, Indiana C-OH-13, Kansas E-10347, Kentucky (Underground Storage Tank) 3, Kentucky 90146, Louisiana 04061 and LA12004, Maine 2012015, Maryland 339, Massachusetts M-OPH923, Minnesota 409711, Montana CERT0099, New Hampshire 2996, New Jersey OH006, New York 11777, North Carolina 39705 and 631, Ohio Drinking Water 4170, Ohio VAP CL0052, Oklahoma 9940, Oregon OH200001, Rhode Island LA000317, South Carolina 92016001, Tennessee TN04018, Texas T104704466-11-5, Region 8 8TMS-L, USDA/APHIS P330-11-00244, Utah OH009232011-1, Vermont VT-87688, Virginia 00440 and 1581, Washington C891, West Virginia 248 and 9957C and E87688, Wisconsin 399013010



Summit Environmental Technologies, Inc.
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

Case Narrative

WO#: 15122011
Date: 1/11/2016

CLIENT: York Analytical Laboratories, Inc.
Project: 15L0972

This report in its entirety consists of the documents listed below. All documents contain the Summit Environmental Technologies, Inc., Work Order Number assigned to this report.

Paginated Report including Cover Letter, Case Narrative, Analytical Results, Applicable Quality Control Summary Reports, and copies of the Chain of Custody Documents are supplied with this sample set.

Concentrations reported with a J-Flag in the Qualifier Field are values below the Limit of Quantitation (LOQ) but greater than the established Method Detection Limit (MDL).

Method numbers, unless specified as SM (Standard Methods) or ASTM, are EPA methods.

Estimated uncertainty values are available upon request.

Analysis performed by DBM, VRM, or SFG were performed at Summit Labs 2704 Eatonton Highway Haddock, GA 31033

All results for Solid Samples are reported on an "as received" or "wet weight" basis unless indicated as "dry weight" using the "-dry" designation on the reporting units.

Summit Environmental Technologies, Inc., holds the accreditations/certifications listed at the bottom of the cover letter that may or may not pertain to this report.

The information contained in this analytical report is the sole property of Summit Environmental Technologies, Inc. and that of the customer. It cannot be reproduced in any form without the consent of Summit Environmental Technologies, Inc. or the customer for which this report was issued. The results contained in this report are only representative of the samples received. Conditions can vary at different times and at different sampling conditions. Summit Environmental Technologies, Inc. is not responsible for use or interpretation of the data included herein.

This report is believed to meet all of the requirements of NELAC or the accrediting / certifying agency. Any comments or problems with the analytical events associated with this report are noted below.

These commonly used Qualifiers and Acronyms may or may not be present in this report.

Qualifiers

U	The compound was analyzed for but was not detected.
J	The reported value is greater than the Method Detection Limit but less than the Reporting Limit.
H	The hold time for sample preparation and/or analysis was exceeded.
D	The result is reported from a dilution.
E	The result exceeded the linear range of the calibration or is estimated due to interference.
MC	The result is below the Minimum Compound Limit.
*	The result exceeds the Regulatory Limit or Maximum Contamination Limit.
m	Manual integration was used to determine the area response.
N	The result is presumptive based on a Mass Spectral library search assuming a 1:1 response.
P	The second column confirmation exceeded 25% difference.
C	The result has been confirmed by GC/MS.
X	The result was not confirmed when GC/MS Analysis was performed.
B/MB+	The analyte was detected in the associated blank.
G	The ICB or CCB contained reportable amounts of analyte.
QC-/+	The CCV recovery failed low (-) or high (+).
R/QDR	The RPD was outside of accepted recovery limits.
QL-/+	The LCS or LCSD recovery failed low (-) or high (+).
QLR	The LCS/LCSD RPD was outside of accepted recovery limits.
QM-/+	The MS or MSD recovery failed low (-) or high (+).
QMR	The MS/MSD RPD was outside of accepted recovery limits.
QV-/+	The ICV recovery failed low (-) or high (+).
S	The spike result was outside of accepted recovery limits.
Z	Deviation; A deviation from the method was performed; Please refer to the Case Narrative for additional information

Acronyms

ND	Not Detected	RL	Reporting Limit
QC	Quality Control	MDL	Method Detection Limit
MB	Method Blank	LOD	Level of Detection
LCS	Laboratory Control Sample	LOQ	Level of Quantitation
LCSD	Laboratory Control Sample Duplicate	PQL	Practical Quantitation Limit
QCS	Quality Control Sample	CRQL	Contract Required Quantitation Limit
DUP	Duplicate	PL	Permit Limit
MS	Matrix Spike	RegLvl	Regulatory Limit
MSD	Matrix Spike Duplicate	MCL	Maximum Contamination Limit
RPD	Relative Percent Different	MinCL	Minimum Compound Limit
ICV	Initial Calibration Verification	RA	Reanalysis
ICB	Initial Calibration Blank	RE	Reextraction
CCV	Continuing Calibration Verification	TIC	Tentatively Identified Compound
CCB	Continuing Calibration Blank	RT	Retention Time
RLC	Reporting Limit Check	CF	Calibration Factor
DF	Dilution Factor	RF	Response Factor

This list of Qualifiers and Acronyms reflects the most commonly utilized Qualifiers and Acronyms for reporting. Please refer to the Analytical Notes in the Case Narrative for any Qualifiers or Acronyms that do not appear in this list or for additional information regarding the use of these Qualifiers on reported data.



Summit Environmental Technologies, Inc.
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

Workorder
Sample Summary
WO#: 15122011
11-Jan-16

CLIENT: York Analytical Laboratories, Inc.
Project: 15L0972

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
15122011-001	15L0972-31		12/21/2015 11:11:00 AM	12/31/2015 7:40:00 AM	Solid
15122011-002	15L0972-32		12/21/2015 11:11:00 AM	12/31/2015 7:40:00 AM	Solid



SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC
Analytical Laboratories

Summit Environmental Technologies, Inc.
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

WO#: 15122011
Date Reported: 1/11/2016
Company: York Analytical Laboratories, Inc.
Address: 120 Research Drive
Stratford CT 06615
Received: 12/31/2015
Project#: 15L0972

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	RL	Run	Analyst
15L0972-31	001	12/21/2015	2378-TCDF	ND	ng/Kg-dry	Solid	EPA 8290 A	1	4.15	1/8/2016	CM
15L0972-31	001	12/21/2015	12378-PeCDF	ND	ng/Kg-dry	Solid	EPA 8290 A	1	8.31	1/8/2016	CM
15L0972-31	001	12/21/2015	23478-PeCDF	ND	ng/Kg-dry	Solid	EPA 8290 A	1	8.31	1/8/2016	CM
15L0972-31	001	12/21/2015	123478-HxCDF	ND	ng/Kg-dry	Solid	EPA 8290 A	1	8.31	1/8/2016	CM
15L0972-31	001	12/21/2015	123678-HxCDF	ND	ng/Kg-dry	Solid	EPA 8290 A	1	8.31	1/8/2016	CM
15L0972-31	001	12/21/2015	234678-HxCDF	ND	ng/Kg-dry	Solid	EPA 8290 A	1	8.31	1/8/2016	CM
15L0972-31	001	12/21/2015	123789-HxCDF	ND	ng/Kg-dry	Solid	EPA 8290 A	1	8.31	1/8/2016	CM
15L0972-31	001	12/21/2015	1234678-HpCDF	48.1	ng/Kg-dry	Solid	EPA 8290 A	1	8.31	1/8/2016	CM
15L0972-31	001	12/21/2015	1234789-HpCDF	ND	ng/Kg-dry	Solid	EPA 8290 A	1	8.31	1/8/2016	CM
15L0972-31	001	12/21/2015	OCDF	265	ng/Kg-dry	Solid	EPA 8290 A	1	16.6	1/8/2016	CM
15L0972-31	001	12/21/2015	2378-TCDD	ND	ng/Kg-dry	Solid	EPA 8290 A	1	4.15	1/8/2016	CM
15L0972-31	001	12/21/2015	12378-PeCDD	ND	ng/Kg-dry	Solid	EPA 8290 A	1	8.31	1/8/2016	CM
15L0972-31	001	12/21/2015	123478-HxCDD	ND	ng/Kg-dry	Solid	EPA 8290 A	1	8.31	1/8/2016	CM
15L0972-31	001	12/21/2015	123678-HxCDD	ND	ng/Kg-dry	Solid	EPA 8290 A	1	8.31	1/8/2016	CM
15L0972-31	001	12/21/2015	123789-HxCDD	ND	ng/Kg-dry	Solid	EPA 8290 A	1	8.31	1/8/2016	CM
15L0972-31	001	12/21/2015	1234678-HpCDD	254	ng/Kg-dry	Solid	EPA 8290 A	1	8.31	1/8/2016	CM
15L0972-31	001	12/21/2015	OCDD	3530	ng/Kg-dry	Solid	EPA 8290 A	1	16.6	1/8/2016	CM
15L0972-31	001	12/21/2015	Totals-Tetrafurans	17.7	ng/Kg-dry	Solid	EPA 8290 A	1	16.6	1/8/2016	CM
15L0972-31	001	12/21/2015	Totals-Tetradiioxins	ND	ng/Kg-dry	Solid	EPA 8290 A	1	16.6	1/8/2016	CM
15L0972-31	001	12/21/2015	Totals-Pentafurans	18.0	ng/Kg-dry	Solid	EPA 8290 A	1	16.6	1/8/2016	CM
15L0972-31	001	12/21/2015	Totals-Pentadiioxins	51.0	ng/Kg-dry	Solid	EPA 8290 A	1	16.6	1/8/2016	CM
15L0972-31	001	12/21/2015	Totals-Hexafurans	24.8	ng/Kg-dry	Solid	EPA 8290 A	1	16.6	1/8/2016	CM
15L0972-31	001	12/21/2015	Totals-Hexadiioxins	165	ng/Kg-dry	Solid	EPA 8290 A	1	16.6	1/8/2016	CM
15L0972-31	001	12/21/2015	Totals-Heptafurans	523	ng/Kg-dry	Solid	EPA 8290 A	1	16.6	1/8/2016	CM
15L0972-31	001	12/21/2015	Totals-Heptadiioxins	ND	ng/Kg-dry	Solid	EPA 8290 A	1	16.6	1/8/2016	CM
15L0972-31	001	12/21/2015	TEQ	4.16	ng/Kg-dry	Solid	EPA 8290 A	1	0	1/8/2016	CM
15L0972-31	001	12/21/2015	Percent Solids	23.9	%	Solid	SM 2540 B	1		1/4/2016	DHC



SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC
Analytical Laboratories

Summit Environmental Technologies, Inc.
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

WO#: 15122011
Date Reported: 1/11/2016
Company: York Analytical Laboratories, Inc.
Address: 120 Research Drive
Stratford CT 06615
Received: 12/31/2015
Project#: 15L0972

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	RL	Run	Analyst
15L0972-32	002	12/21/2015	2378-TCDF	ND	ng/Kg-dry	Solid	EPA 8290 A	1	3.57	1/8/2016	CM
15L0972-32	002	12/21/2015	12378-PeCDF	ND	ng/Kg-dry	Solid	EPA 8290 A	1	7.14	1/8/2016	CM
15L0972-32	002	12/21/2015	23478-PeCDF	ND	ng/Kg-dry	Solid	EPA 8290 A	1	7.14	1/8/2016	CM
15L0972-32	002	12/21/2015	123478-HxCDF	ND	ng/Kg-dry	Solid	EPA 8290 A	1	7.14	1/8/2016	CM
15L0972-32	002	12/21/2015	123678-HxCDF	ND	ng/Kg-dry	Solid	EPA 8290 A	1	7.14	1/8/2016	CM
15L0972-32	002	12/21/2015	234678-HxCDF	ND	ng/Kg-dry	Solid	EPA 8290 A	1	7.14	1/8/2016	CM
15L0972-32	002	12/21/2015	123789-HxCDF	ND	ng/Kg-dry	Solid	EPA 8290 A	1	7.14	1/8/2016	CM
15L0972-32	002	12/21/2015	1234678-HpCDF	9.68	ng/Kg-dry	Solid	EPA 8290 A	1	7.14	1/8/2016	CM
15L0972-32	002	12/21/2015	1234789-HpCDF	ND	ng/Kg-dry	Solid	EPA 8290 A	1	7.14	1/8/2016	CM
15L0972-32	002	12/21/2015	OCDF	32.8	ng/Kg-dry	Solid	EPA 8290 A	1	14.3	1/8/2016	CM
15L0972-32	002	12/21/2015	2378-TCDD	ND	ng/Kg-dry	Solid	EPA 8290 A	1	3.57	1/8/2016	CM
15L0972-32	002	12/21/2015	12378-PeCDD	ND	ng/Kg-dry	Solid	EPA 8290 A	1	7.14	1/8/2016	CM
15L0972-32	002	12/21/2015	123478-HxCDD	ND	ng/Kg-dry	Solid	EPA 8290 A	1	7.14	1/8/2016	CM
15L0972-32	002	12/21/2015	123678-HxCDD	ND	ng/Kg-dry	Solid	EPA 8290 A	1	7.14	1/8/2016	CM
15L0972-32	002	12/21/2015	123789-HxCDD	ND	ng/Kg-dry	Solid	EPA 8290 A	1	7.14	1/8/2016	CM
15L0972-32	002	12/21/2015	1234678-HpCDD	42.7	ng/Kg-dry	Solid	EPA 8290 A	1	7.14	1/8/2016	CM
15L0972-32	002	12/21/2015	OCDD	384	ng/Kg-dry	Solid	EPA 8290 A	1	14.3	1/8/2016	CM
15L0972-32	002	12/21/2015	Totals-Tetrafurans	ND	ng/Kg-dry	Solid	EPA 8290 A	1	14.3	1/8/2016	CM
15L0972-32	002	12/21/2015	Totals-Tetradiioxins	ND	ng/Kg-dry	Solid	EPA 8290 A	1	14.3	1/8/2016	CM
15L0972-32	002	12/21/2015	Totals-Pentafurans	ND	ng/Kg-dry	Solid	EPA 8290 A	1	14.3	1/8/2016	CM
15L0972-32	002	12/21/2015	Totals-Pentadiioxins	ND	ng/Kg-dry	Solid	EPA 8290 A	1	14.3	1/8/2016	CM
15L0972-32	002	12/21/2015	Totals-Hexafurans	ND	ng/Kg-dry	Solid	EPA 8290 A	1	14.3	1/8/2016	CM
15L0972-32	002	12/21/2015	Totals-Hexadiioxins	ND	ng/Kg-dry	Solid	EPA 8290 A	1	14.3	1/8/2016	CM
15L0972-32	002	12/21/2015	Totals-Heptafurans	ND	ng/Kg-dry	Solid	EPA 8290 A	1	14.3	1/8/2016	CM
15L0972-32	002	12/21/2015	Totals-Heptadiioxins	81.3	ng/Kg-dry	Solid	EPA 8290 A	1	14.3	1/8/2016	CM
15L0972-32	002	12/21/2015	TEQ	0.65	ng/Kg-dry	Solid	EPA 8290 A	1	0	1/8/2016	CM
15L0972-32	002	12/21/2015	Percent Solids	27.8	%	Solid	SM 2540 B	1		1/4/2016	DHC

YORK

Analytical Laboratories, Inc.

12/30/2015

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

York Project No.: 15L0972

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific parameters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com Mail/Fax Hard Copies to: York Analytical at the address below

SENDING LABORATORY:

York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
Phone: 203.325.1371
Fax: 203.357.0166
Contact: York Analytical

RECEIVING LABORATORY:

Summit Environmental (SUB)
3310 Win Street
Cuyahoga Falls, OH 44223
Phone : (800) 278-0140
Fax: -

Sample ID: 15L0972-31

Matrix: Soil

Date Sampled: 12/21/2015 11:11

Analysis Needed	Date Due	Holding Time Expires	Comments
Dioxins, Method 8290	01/07/2016 16:30	01/04/2016 11:11	Watch Hold Times

Containers Supplied:

06_8 oz. WM Clear Glass Cool to 4° C (A)

Sample ID: 15L0972-32

Matrix: Soil

Date Sampled: 12/21/2015 11:11

Analysis Needed	Date Due	Holding Time Expires	Comments
Dioxins, Method 8290	01/07/2016 16:30	01/04/2016 11:11	Watch Hold Times

Containers Supplied:

06_8 oz. WM Clear Glass Cool to 4° C (A)

WATCH HOLD TIMES
15122011-001-002sc

York Purchase Order No.: 16721

Samples from State of: NY

Deliverables required:

Data Pkg DUE:

Chain-of-Custody Information

John Gale

12/30/2015

Released By York Sample Control

Date

Received By

Date

Stu Campbell

12-31-15

Received By

Date

Received in Subcontract Lab By

Date

Page 1 of 1
Page 1 of 1

Summit Environmental Technologies, Inc. Cooler Receipt Form

Client: York Initials of person inspecting cooler and samples: SC
 Order Number: _____
 Date Received: 12-31-15 Time Received: 0740 Date cooler(s) opened and samples inspected: 12-31-15
 Number of Coolers/Boxes: 1 N/A

Shipper: FED EX UPS DHL Airborne US Postal Walk-in Pickup Other: _____
 Packaging: Peanuts Bubble Wrap Paper Foam None Other: _____

Tape on cooler/box: _____
 Custody Seals intact _____
 C-O-C in plastic _____
 Ice _____ Blue ice ✓ present / absent / melted N/A

Sample Temperature IR Gun #16020459 CF 0.0 °C 5.0 °C N/A
 Radiological Testing Instrument serial #35127 Y N N/A
 (see page 2 for scan results)

****Use 1 sheet per sample for Radiological Testing. If sample is HOT, the Radiological Safety Officer must be notified immediately.**

C-O-C filled out properly Y N N/A
 Samples in separate bags Y N N/A
 Sample containers intact* Y N N/A

*If no, list broken sample(s): _____

Sample label(s) complete (ID, date, etc.) Y N N/A
 Label(s) agree with C-O-C Y N N/A
 Correct containers used Y N N/A
 Sufficient sample received Y N N/A
 Samples received within holding time Y N N/A
 Bubbles absent from 40 mL vials** Y N N/A

** Samples with bubbles <6mm are acceptable. Indicate bubble size if >6mm. _____

Was client contacted about samples Y N
 Will client send new samples Y N
 Client contact: _____

Date/Time: _____

Logged in by: _____

Comments: _____
