

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
555 Long Wharf Drive New Haven, CT 06511 T: 203.562.5771 F: 203.789.6142

To:

Ruth Curley
New York State Department of Environmental
Conservation

Division of Environmental Remediation

625 Broadway, 12th Floor

Albany, New York 12233

Phone No:

203-562-5771

Date:

6 May 2016

Project No.

140115301

Re:

Enclave on 241st Street
Development
NYSDEC BCP Site Number:
C203077

714 East 241st Street Block
5087, Lot 1

Bronx, New York

Via:

- ☐ Fed Ex: ☐ Priority ☐ Standard ☐ 2-Day
☐ UPS: ☐ Priority ☐ Standard ☐ 2-Day
☐ 1st Class Mail ☐ Hand Delivery ☐ Eastern Delivery (Inter-Office)

Items:

- ☐ Prints ☒ Letter ☐ Other
☐ Sepia ☐ Drawings ☐ Reports
☐ Other _____

Copies:**Dwg. No.:****Description:**

1

LNAPL Extraction Work Plan

☐ For Your Information

☐ For Your Use

☐ As Requested By: _____

☐ For Review and Comment

☒ For Approval

☐ Other: _____

Remarks:**Copies To:****From:**

Jamie P. Barr, L.E.P.

Langan Engineering, Environmental, Surveying,
and Landscape Architecture, D.P.C.

555 Long Wharf Drive
New Haven CT 06511

6 May 2016

Ruth Curley
Environmental Engineer 2
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, New York 12233

**RE: LNAPL Extraction Work Plan
Enclave on 241st Street Development
714 East 241st Street Block 5087, Lot 1
Bronx, New York
NYSDEC BCP Site Number: C203077
Langan Project No.: 140115301**

Dear Ms. Curley:

Per our telephone conversation on Tuesday, May 3, 2016, Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. (Langan) has prepared the following light non-aqueous phase liquid (LNAPL) Extraction Work Plan for the property located at 714 East 241st Street in the Wakefield section of the Bronx, New York (the "Site").

Background

During the completion of our Remedial Investigation (RI) of the Site in October 2015, approximately two inches of LNAPL was detected in the one inch-diameter monitoring well (MW-29) with a Solinst Model 122 oil/water interface probe. A sample of the LNAPL was collected and submitted to York Analytical Laboratories. A gas chromatograph/flame ionization detector (GC/FID) fingerprint analysis (EPA method 8015D) completed on the LNAPL indicated that the pattern resembled weathered No. 2 fuel oil or diesel fuel. See Attachment A for the analytical results. Per our assessment as documented in the RI report, we believe the source of the LNAPL is associated with historic on-site USTs.

During a recent gauging of monitoring wells at the Site, Langan identified approximately 6 feet of LNAPL within MW-29. This was measured using a Solinst Model 122 oil/water interface probe, and confirmed with a 0.75 inch PVC bailer. A sample of the LNAPL was collected and submitted to York Analytical Laboratories for GC/FID Fingerprint and target compound list (TCL) volatile organic compounds (VOC). See Attachment A for the analytical results. The results were consistent with the previous sampling in October 2015, confirming a weathered No 2 Fuel Oil or diesel.

Based on our recent phone conversation, Langan is providing you with the following LNAPL extraction scope for approval.

LNAPL Extraction Scope

Based on the increase in LNAPL thickness in MW-29, Langan will implement the following limited LNAPL extraction program.

Extraction Well Installation

Langan will install one 4-inch LNAPL extraction well to replace the existing 1-inch groundwater monitoring well at the location of MW-29. The well will be installed with a track mounted Geoprobe rig by augering to 20-feet below grade and installing a 4-inch diameter PVC extraction well. The well will consist of 15-feet of 4-inch diameter 0.02-inch slotted PVC screen and 4-inch diameter PVC riser pipe to the surface. The screened interval will be set so that the top of the screen is above the level of LNAPL to get an accurate measure of the volume of product entering the well. The annulus around the screen will be filled with filter sand and a hydrated bentonite plug will be installed above the screened interval. The well will be completed with a locking plug and flush-mounted curb box, grouted in place.

LNAPL Extraction and Handling

We will gauge LNAPL thickness in the extraction well with a Solinst Model 122 oil/water interface probe, a minimum of 24-hours after installation. We will then bail the well with a 1.75 inch PVC bailer to remove all measurable LNAPL and measure the rate that LNAPL recharges into the extraction well for a minimum of one hour.

LNAPL extraction events will be completed once per week for a period of one month. All extracted product and oily water will be placed in 55-gallon drums to be stored on site in a secure area, until the extraction activities are completed. All drums generated during extraction events will be properly characterized and disposed of off-site at a State permitted/regulated disposal facility.

Reporting

Following completion of the LNAPL extraction program, the data collected will be compiled into a formal report for discussion with NYSDEC. If appropriate, cessation of the LNAPL extraction program will be assessed and discussed at this time.

LNAPL Extraction Work Plan
Enclave on 241st Street Development
714 East 241st Street Block 5087, Lot 1
Bronx, New York
NYSDEC BCP Site Number: C203077
Langan Project No.: 140115301

6 May 2016
Page 3 of 3

Sincerely,

**Langan Engineering, Environmental, Surveying and
Landscape Architecture, D.P.C.**

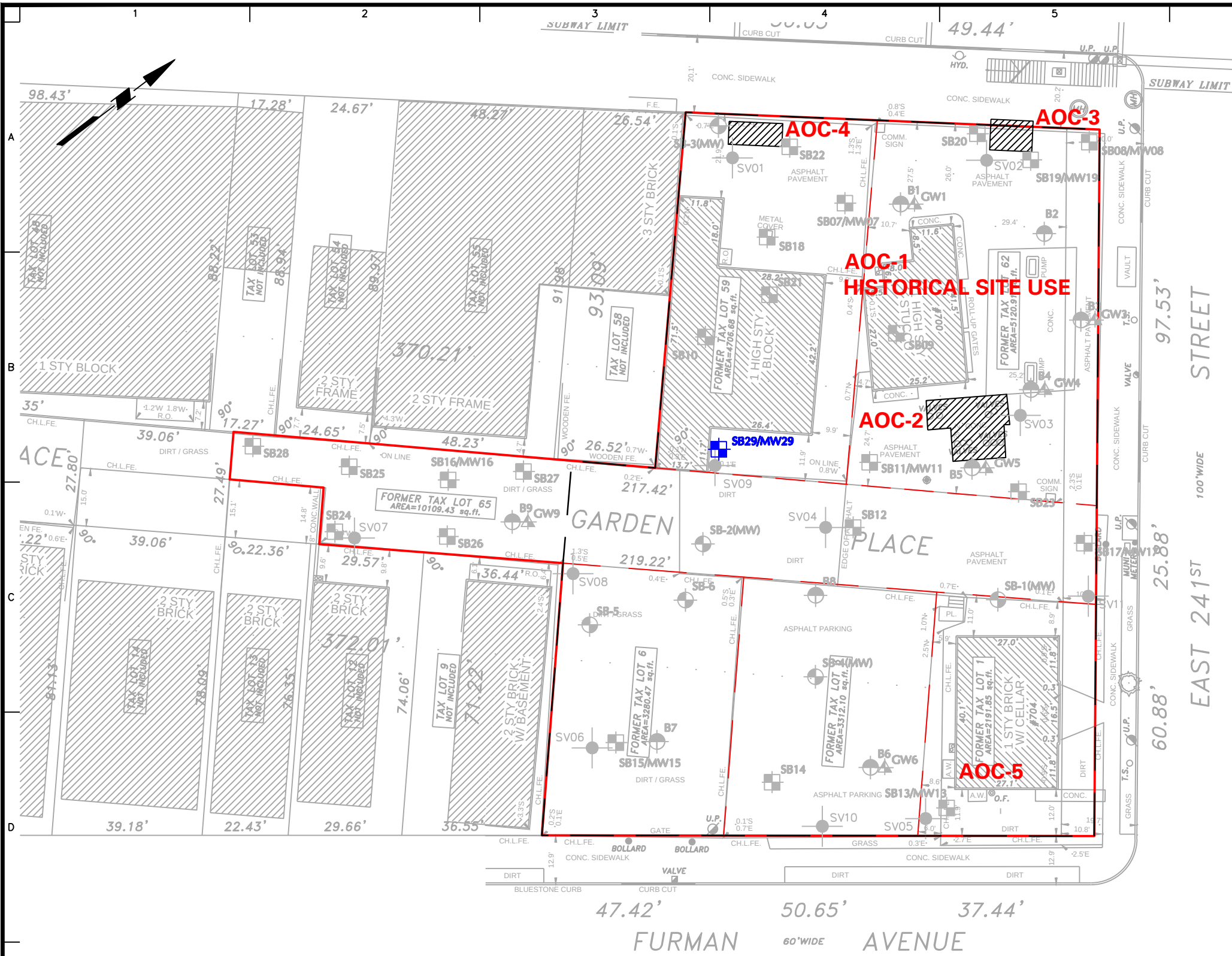


Jamie P. Barr, L.E.P.
Senior Associate/Vice President

cc: Ryan Wohlstrom – Langan

Attachments: Figure 1 – Investigation Location Plan
Attachment A – Laboratory analytical Data

C:\Users\dgranucci\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Outlook\OPT5JPRA\LNAPL Extraction Plan Letter REV.docx



- LEGEND:
- APPROXIMATE SITE BOUNDARY
 - FORMER INTERNAL LOT BOUNDARIES
 - PROPOSED BUILDING FOOTPRINT (APPROXIMATE)
 - SOIL BORING LOCATION. "MWXX" DENOTES A MONITORING WELL LOCATION.
 - SOIL VAPOR POINT LOCATION
 - SURFICIAL SOIL SAMPLE LOCATION
 - 2015 SOIL BORING LOCATION. (MW) DENOTES A TEMPORARY MONITORING WELL LOCATION [LANGAN LIMITED PHASE II ENVIRONMENTAL SITE INVESTIGATION, DATED 3 FEBRUARY 2015]
 - 2013 SOIL BORING LOCATION [EBC PHASE II SUBSURFACE INVESTIGATION, DATED 31 JANUARY 2015]
 - 2013 TEMPORARY MONITORING WELL LOCATION [EBC PHASE II SUBSURFACE INVESTIGATION, DATED 31 JANUARY 2015]
 - GPR ANOMALY INDICATIVE OF UST
 - LNAPL EXTRACTION WELL

- NOTES:
- BACKGROUND PLAN TAKEN FROM SURVEY CONDUCTED BY PERFECT POINT LAND SURVEYING RT ON MARCH 27, 2014.
 - THIS PLAN SHOULD BE VIEWED AS A COLOR COPY AS THE BORING LOCATIONS AND BOUNDARIES ARE COLOR COORDINATED.
 - DILLING WAS PERFORMED WITH A DIRECT-PUSH SAMPLER
 - A 2-INCH MACRO-CORE SAMPLER WAS USED TO OBTAIN SOIL SAMPLES FOR CLASSIFICATION AND LABORATORY TESTING. THE SAMPLES WERE OBTAINED CONTINUOUSLY AT 5-FOOT INTERVALS.
 - GROUNDWATER MONITORING WELLS WERE INSTALLED AT SELECT BORINGS. EACH WELL CONSISTS OF 10 FEET 1-INCH-DIAMETER SCHEDULE PVC SCREEN AND ATTACHED RISER. ANNULUS AROUND THE PVC WAS BACKFILLED WITH NO. 1 SAND.
 - AOC - AREA OF CONCERN

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

LANGAN

555 Long Wharf Drive
New Haven, CT 06511
T: 203.562.5771 F: 203.789.6142 www.langan.com

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
Langan Engineering and Environmental Services, Inc.
Langan CT, Inc.
Langan International LLC
Collectively known as Langan

Project

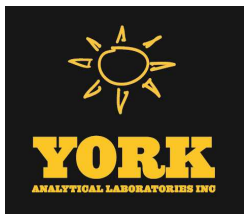
ENCLAVE ON 241ST STREET DEVELOPMENT

BRONX NEW YORK

Drawing Title

LNAPL EXTRACTION WELL LOCATION MAP

Project No.	140115301	Drawing No.	1
Date	MAY 2016		
Scale	1"=30'		
Drawn By	Checked By		
JPH	RJW	Submission Date	MAY 2016



Technical Report

prepared for:

Langan Engineering & Environmental Services (CT)

Long Wharf Maritime Center, 555 Long Wharf Drive

New Haven CT, 06511

Attention: Justin Hall

Report Date: 04/29/2016

Client Project ID: 140115301

York Project (SDG) No.: 16D0975

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 04/29/2016
Client Project ID: 140115301
York Project (SDG) No.: 16D0975

Langan Engineering & Environmental Services (CT)
Long Wharf Maritime Center, 555 Long Wharf Drive
New Haven CT, 06511
Attention: Justin Hall

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 26, 2016 and listed below. The project was identified as your project: **140115301**.

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>
16D0975-01	MW29_4.25.16	Oil	04/25/2016	04/26/2016

General Notes for York Project (SDG) No.: 16D0975

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: 04/29/2016





Sample Information

Client Sample ID: MW29_4.25.16

York Sample ID: 16D0975-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16D0975

140115301

Oil

April 25, 2016 11:20 am

04/26/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Waste Dilution VOA

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/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
71-55-6	* 1,1,1-Trichloroethane	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
79-34-5	* 1,1,2,2-Tetrachloroethane	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
76-13-1	* 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
79-00-5	* 1,1,2-Trichloroethane	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
75-34-3	* 1,1-Dichloroethane	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
75-35-4	* 1,1-Dichloroethylene	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
87-61-6	* 1,2,3-Trichlorobenzene	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
96-18-4	* 1,2,3-Trichloropropane	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
120-82-1	* 1,2,4-Trichlorobenzene	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
95-63-6	* 1,2,4-Trimethylbenzene	160000	CCV-E, J	ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
96-12-8	* 1,2-Dibromo-3-chloropropane	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
106-93-4	* 1,2-Dibromoethane	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
95-50-1	* 1,2-Dichlorobenzene	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
107-06-2	* 1,2-Dichloroethane	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
78-87-5	* 1,2-Dichloropropane	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
108-67-8	* 1,3,5-Trimethylbenzene	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
541-73-1	* 1,3-Dichlorobenzene	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
106-46-7	* 1,4-Dichlorobenzene	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
123-91-1	* 1,4-Dioxane	ND		ug/kg	2500000	5000000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
78-93-3	* 2-Butanone	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
591-78-6	* 2-Hexanone	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
108-10-1	* 4-Methyl-2-pentanone	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS



Sample Information

Client Sample ID: MW29_4.25.16

York Sample ID: 16D0975-01

York Project (SDG) No.
16D0975

Client Project ID
140115301

Matrix
Oil

Collection Date/Time
April 25, 2016 11:20 am

Date Received
04/26/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Waste Dilution VOA

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/kg	250000	500000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
107-02-8	* Acrolein	ND		ug/kg	250000	500000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
107-13-1	* Acrylonitrile	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
71-43-2	* Benzene	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
74-97-5	* Bromochloromethane	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
75-27-4	* Bromodichloromethane	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
75-25-2	* Bromoform	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
74-83-9	* Bromomethane	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
75-15-0	* Carbon disulfide	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
56-23-5	* Carbon tetrachloride	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
108-90-7	* Chlorobenzene	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
75-00-3	* Chloroethane	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
67-66-3	* Chloroform	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
74-87-3	* Chloromethane	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
156-59-2	* cis-1,2-Dichloroethylene	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
10061-01-5	* cis-1,3-Dichloropropylene	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
110-82-7	* Cyclohexane	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
124-48-1	* Dibromochloromethane	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
74-95-3	* Dibromomethane	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
75-71-8	* Dichlorodifluoromethane	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
100-41-4	* Ethyl Benzene	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
87-68-3	* Hexachlorobutadiene	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
98-82-8	* Isopropylbenzene	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
79-20-9	* Methyl acetate	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS



Sample Information

Client Sample ID: MW29_4.25.16

York Sample ID: 16D0975-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16D0975

140115301

Oil

April 25, 2016 11:20 am

04/26/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Waste Dilution VOA

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/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
108-87-2	* Methylcyclohexane	180000	J	ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
75-09-2	* Methylene chloride	380000	J, B	ug/kg	120000	500000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
104-51-8	* n-Butylbenzene	200000	CCV-E, J	ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
103-65-1	* n-Propylbenzene	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
95-47-6	* o-Xylene	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
179601-23-1	* p- & m- Xylenes	ND		ug/kg	250000	500000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
99-87-6	* p-Isopropyltoluene	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
135-98-8	* sec-Butylbenzene	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
100-42-5	* Styrene	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
75-65-0	* tert-Butyl alcohol (TBA)	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
98-06-6	* tert-Butylbenzene	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
127-18-4	* Tetrachloroethylene	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
108-88-3	* Toluene	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
156-60-5	* trans-1,2-Dichloroethylene	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
10061-02-6	* trans-1,3-Dichloropropylene	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
79-01-6	* Trichloroethylene	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
75-69-4	* Trichlorofluoromethane	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
75-01-4	* Vinyl Chloride	ND		ug/kg	120000	250000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
1330-20-7	* Xylenes, Total	ND		ug/kg	380000	750000	50000	EPA 8260C Certifications:	04/29/2016 08:27	04/29/2016 11:56	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	70-130								
2037-26-5	Surrogate: Toluene-d8	109 %	70-130								
460-00-4	Surrogate: p-Bromofluorobenzene	94.5 %	70-130								



Sample Information

Client Sample ID: MW29_4.25.16

York Sample ID: 16D0975-01

York Project (SDG) No.

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16D0975

140115301

Oil

April 25, 2016 11:20 am

04/26/2016

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Waste Dilution

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	* Naphthalene	ND		ug/kg	4830	48500000	100	EPA 8270D Certifications:	04/29/2016 06:46	04/29/2016 13:02	SR

Petroleum Identification

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Oil Preparation for GC

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Petroleum Identification	Pattern resembles weathered Fuel Oil No. 2/Diesel		ID only			1	EPA 8015D Certifications:	04/29/2016 09:01	04/29/2016 11:12	AMC



Analytical Batch Summary

Batch ID: BD61559 **Preparation Method:** Waste Dilution **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
16D0975-01	MW29_4.25.16	04/29/16

Batch ID: BD61586 **Preparation Method:** Oil Preparation for GC **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
16D0975-01	MW29_4.25.16	04/29/16

Batch ID: BD61606 **Preparation Method:** Waste Dilution VOA **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
16D0975-01	MW29_4.25.16	04/29/16
BD61606-BLK1	Blank	04/29/16
BD61606-BS1	LCS	04/29/16
BD61606-BSD1	LCS Dup	04/29/16



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD61606 - Waste Dilution VOA

Blank (BD61606-BLK1)

Prepared & Analyzed: 04/29/2016

1,1,1,2-Tetrachloroethane	ND	1.0	ug/kg
1,1,1-Trichloroethane	ND	1.0	"
1,1,2,2-Tetrachloroethane	ND	1.0	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	"
1,1,2-Trichloroethane	ND	1.0	"
1,1-Dichloroethane	ND	1.0	"
1,1-Dichloroethylene	ND	1.0	"
1,2,3-Trichlorobenzene	2.0	1.0	"
1,2,3-Trichloropropane	ND	1.0	"
1,2,4-Trichlorobenzene	1.5	1.0	"
1,2,4-Trimethylbenzene	ND	1.0	"
1,2-Dibromo-3-chloropropane	1.1	1.0	"
1,2-Dibromoethane	ND	1.0	"
1,2-Dichlorobenzene	ND	1.0	"
1,2-Dichloroethane	ND	1.0	"
1,2-Dichloropropane	ND	1.0	"
1,3,5-Trimethylbenzene	ND	1.0	"
1,3-Dichlorobenzene	ND	1.0	"
1,4-Dichlorobenzene	ND	1.0	"
1,4-Dioxane	ND	20	"
2-Butanone	ND	1.0	"
2-Hexanone	1.1	1.0	"
4-Methyl-2-pentanone	ND	1.0	"
Acetone	2.5	2.0	"
Acrolein	ND	2.0	"
Acrylonitrile	ND	1.0	"
Benzene	ND	1.0	"
Bromochloromethane	ND	1.0	"
Bromodichloromethane	ND	1.0	"
Bromoform	ND	1.0	"
Bromomethane	ND	1.0	"
Carbon disulfide	ND	1.0	"
Carbon tetrachloride	ND	1.0	"
Chlorobenzene	ND	1.0	"
Chloroethane	ND	1.0	"
Chloroform	ND	1.0	"
Chloromethane	ND	1.0	"
cis-1,2-Dichloroethylene	ND	1.0	"
cis-1,3-Dichloropropylene	ND	1.0	"
Cyclohexane	ND	1.0	"
Dibromochloromethane	ND	1.0	"
Dibromomethane	ND	1.0	"
Dichlorodifluoromethane	ND	1.0	"
Ethyl Benzene	ND	1.0	"
Hexachlorobutadiene	0.84	1.0	"
Isopropylbenzene	ND	1.0	"
Methyl acetate	ND	1.0	"
Methyl tert-butyl ether (MTBE)	ND	1.0	"
Methylcyclohexane	ND	1.0	"
Methylene chloride	3.3	2.0	"
n-Butylbenzene	ND	1.0	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD61606 - Waste Dilution VOA

Blank (BD61606-BLK1)

Prepared & Analyzed: 04/29/2016

n-Propylbenzene	ND	1.0	ug/kg
o-Xylene	ND	1.0	"
p- & m- Xylenes	ND	2.0	"
p-Isopropyltoluene	ND	1.0	"
sec-Butylbenzene	ND	1.0	"
Styrene	ND	1.0	"
tert-Butyl alcohol (TBA)	ND	1.0	"
tert-Butylbenzene	ND	1.0	"
Tetrachloroethylene	ND	1.0	"
Toluene	ND	1.0	"
trans-1,2-Dichloroethylene	ND	1.0	"
trans-1,3-Dichloropropylene	ND	1.0	"
Trichloroethylene	ND	1.0	"
Trichlorofluoromethane	ND	1.0	"
Vinyl Chloride	ND	1.0	"
Xylenes, Total	ND	3.0	"

Surrogate: 1,2-Dichloroethane-d4	49.6	ug/L	50.0	99.2	70-130
Surrogate: Toluene-d8	52.9	"	50.0	106	70-130
Surrogate: p-Bromofluorobenzene	49.0	"	50.0	98.1	70-130

LCS (BD61606-BS1)

Prepared & Analyzed: 04/29/2016

1,1,1,2-Tetrachloroethane	60	ug/L	50.0	119	70-130	
1,1,1-Trichloroethane	53	"	50.0	106	70-130	
1,1,2,2-Tetrachloroethane	66	"	50.0	132	70-130	High Bias
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52	"	50.0	103	70-130	
1,1,2-Trichloroethane	59	"	50.0	117	70-130	
1,1-Dichloroethane	52	"	50.0	104	70-130	
1,1-Dichloroethylene	53	"	50.0	106	70-130	
1,2,3-Trichlorobenzene	66	"	50.0	131	70-130	High Bias
1,2,3-Trichloropropane	67	"	50.0	135	81-126	High Bias
1,2,4-Trichlorobenzene	65	"	50.0	129	70-130	
1,2,4-Trimethylbenzene	65	"	50.0	130	70-130	
1,2-Dibromo-3-chloropropane	75	"	50.0	149	70-130	High Bias
1,2-Dibromoethane	59	"	50.0	119	70-130	
1,2-Dichlorobenzene	64	"	50.0	128	70-130	
1,2-Dichloroethane	51	"	50.0	102	70-130	
1,2-Dichloropropane	58	"	50.0	116	70-130	
1,3,5-Trimethylbenzene	64	"	50.0	128	70-130	
1,3-Dichlorobenzene	64	"	50.0	128	70-130	
1,4-Dichlorobenzene	65	"	50.0	131	70-130	High Bias
1,4-Dioxane	1200	"	1000	119	70-130	
2-Butanone	49	"	50.0	97.3	70-130	
2-Hexanone	64	"	50.0	127	70-130	
4-Methyl-2-pentanone	61	"	50.0	122	70-130	
Acetone	47	"	50.0	93.9	70-130	
Acrolein	47	"	50.0	93.6	70-130	
Acrylonitrile	53	"	50.0	107	70-130	
Benzene	53	"	50.0	106	70-130	
Bromochloromethane	50	"	50.0	101	70-130	
Bromodichloromethane	61	"	50.0	122	70-130	
Bromoform	64	"	50.0	129	70-130	
Bromomethane	50	"	50.0	101	70-130	



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
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Batch BD61606 - Waste Dilution VOA

LCS (BD61606-BS1)

Prepared & Analyzed: 04/29/2016

Carbon disulfide	51		ug/L	50.0		102	70-130				
Carbon tetrachloride	55		"	50.0		110	70-130				
Chlorobenzene	59		"	50.0		118	70-130				
Chloroethane	47		"	50.0		94.7	70-130				
Chloroform	53		"	50.0		106	70-130				
Chloromethane	51		"	50.0		102	70-130				
cis-1,2-Dichloroethylene	52		"	50.0		104	70-130				
cis-1,3-Dichloropropylene	60		"	50.0		120	70-130				
Cyclohexane	47		"	50.0		94.5	70-130				
Dibromochloromethane	62		"	50.0		124	70-130				
Dibromomethane	58		"	50.0		116	70-130				
Dichlorodifluoromethane	51		"	50.0		103	70-130				
Ethyl Benzene	58		"	50.0		116	70-130				
Hexachlorobutadiene	69		"	50.0		137	70-130	High Bias			
Isopropylbenzene	65		"	50.0		131	70-130	High Bias			
Methyl acetate	54		"	50.0		107	70-130				
Methyl tert-butyl ether (MTBE)	51		"	50.0		102	70-130				
Methylcyclohexane	58		"	50.0		117	70-130				
Methylene chloride	50		"	50.0		100	70-130				
n-Butylbenzene	66		"	50.0		133	70-130	High Bias			
n-Propylbenzene	64		"	50.0		129	70-130				
o-Xylene	60		"	50.0		119	70-130				
p- & m- Xylenes	120		"	100		121	70-130				
p-Isopropyltoluene	65		"	50.0		130	70-130				
sec-Butylbenzene	65		"	50.0		131	70-130	High Bias			
Styrene	61		"	50.0		123	70-130				
tert-Butyl alcohol (TBA)	53		"	50.0		107	70-130				
tert-Butylbenzene	65		"	50.0		131	70-130	High Bias			
Tetrachloroethylene	58		"	50.0		116	70-130				
Toluene	60		"	50.0		119	70-130				
trans-1,2-Dichloroethylene	52		"	50.0		104	70-130				
trans-1,3-Dichloropropylene	60		"	50.0		119	70-130				
Trichloroethylene	62		"	50.0		123	70-130				
Trichlorofluoromethane	52		"	50.0		104	70-130				
Vinyl Chloride	47		"	50.0		94.7	70-130				
Surrogate: 1,2-Dichloroethane-d4	51.0		"	50.0		102	70-130				
Surrogate: Toluene-d8	53.9		"	50.0		108	70-130				
Surrogate: p-Bromofluorobenzene	53.9		"	50.0		108	70-130				



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 BD61606 - Waste Dilution VOA											
LCS Dup (BD61606-BSD1)						Prepared & Analyzed: 04/29/2016					
1,1,1,2-Tetrachloroethane	56		ug/L	50.0		113	70-130		5.23	30	
1,1,1-Trichloroethane	51		"	50.0		102	70-130		4.47	30	
1,1,2,2-Tetrachloroethane	57		"	50.0		115	70-130		14.3	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0		98.3	70-130		5.12	30	
1,1,2-Trichloroethane	56		"	50.0		112	70-130		4.88	30	
1,1-Dichloroethane	50		"	50.0		99.8	70-130		4.43	30	
1,1-Dichloroethylene	50		"	50.0		99.3	70-130		6.26	30	
1,2,3-Trichlorobenzene	59		"	50.0		118	70-130		10.5	30	
1,2,3-Trichloropropane	58		"	50.0		115	81-126		15.3	30	
1,2,4-Trichlorobenzene	61		"	50.0		122	70-130		5.95	30	
1,2,4-Trimethylbenzene	61		"	50.0		122	70-130		5.75	30	
1,2-Dibromo-3-chloropropane	65		"	50.0		130	70-130		13.9	30	
1,2-Dibromoethane	58		"	50.0		116	70-130		2.74	30	
1,2-Dichlorobenzene	60		"	50.0		120	70-130		6.13	30	
1,2-Dichloroethane	49		"	50.0		97.9	70-130		3.75	30	
1,2-Dichloropropane	59		"	50.0		117	70-130		1.53	30	
1,3,5-Trimethylbenzene	60		"	50.0		120	70-130		6.59	30	
1,3-Dichlorobenzene	61		"	50.0		122	70-130		4.72	30	
1,4-Dichlorobenzene	62		"	50.0		123	70-130		5.91	30	
1,4-Dioxane	940		"	1000		93.9	70-130		23.8	30	
2-Butanone	43		"	50.0		86.8	70-130		11.3	30	
2-Hexanone	56		"	50.0		112	70-130		12.9	30	
4-Methyl-2-pentanone	55		"	50.0		110	70-130		10.6	30	
Acetone	40		"	50.0		80.8	70-130		15.0	30	
Acrolein	41		"	50.0		81.2	70-130		14.2	30	
Acrylonitrile	48		"	50.0		95.1	70-130		11.6	30	
Benzene	50		"	50.0		99.7	70-130		5.92	30	
Bromochloromethane	49		"	50.0		97.3	70-130		3.42	30	
Bromodichloromethane	62		"	50.0		123	70-130		0.964	30	
Bromoform	57		"	50.0		114	70-130		12.5	30	
Bromomethane	52		"	50.0		103	70-130		2.45	30	
Carbon disulfide	47		"	50.0		94.6	70-130		7.14	30	
Carbon tetrachloride	52		"	50.0		104	70-130		5.76	30	
Chlorobenzene	58		"	50.0		116	70-130		1.54	30	
Chloroethane	45		"	50.0		89.1	70-130		6.14	30	
Chloroform	51		"	50.0		101	70-130		4.24	30	
Chloromethane	47		"	50.0		94.9	70-130		7.31	30	
cis-1,2-Dichloroethylene	50		"	50.0		99.4	70-130		4.04	30	
cis-1,3-Dichloropropylene	61		"	50.0		122	70-130		1.87	30	
Cyclohexane	53		"	50.0		106	70-130		11.7	30	
Dibromochloromethane	59		"	50.0		117	70-130		5.42	30	
Dibromomethane	57		"	50.0		114	70-130		1.29	30	
Dichlorodifluoromethane	46		"	50.0		91.9	70-130		11.0	30	
Ethyl Benzene	58		"	50.0		116	70-130		0.120	30	
Hexachlorobutadiene	62		"	50.0		124	70-130		10.0	30	
Isopropylbenzene	61		"	50.0		122	70-130		6.49	30	
Methyl acetate	47		"	50.0		93.5	70-130		13.6	30	
Methyl tert-butyl ether (MTBE)	48		"	50.0		95.8	70-130		5.85	30	
Methylcyclohexane	58		"	50.0		117	70-130		0.0343	30	
Methylene chloride	49		"	50.0		99.0	70-130		1.09	30	
n-Butylbenzene	61		"	50.0		123	70-130		7.66	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

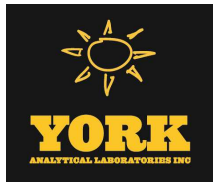
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD61606 - Waste Dilution VOA

LCS Dup (BD61606-BSD1)

Prepared & Analyzed: 04/29/2016

n-Propylbenzene	60		ug/L	50.0		119	70-130		7.73	30	
o-Xylene	58		"	50.0		115	70-130		3.37	30	
p- & m- Xylenes	120		"	100		116	70-130		3.97	30	
p-Isopropyltoluene	60		"	50.0		120	70-130		7.52	30	
sec-Butylbenzene	62		"	50.0		123	70-130		5.64	30	
Styrene	60		"	50.0		119	70-130		3.00	30	
tert-Butyl alcohol (TBA)	44		"	50.0		88.0	70-130		19.3	30	
tert-Butylbenzene	61		"	50.0		123	70-130		6.37	30	
Tetrachloroethylene	58		"	50.0		116	70-130		0.431	30	
Toluene	58		"	50.0		116	70-130		2.55	30	
trans-1,2-Dichloroethylene	50		"	50.0		99.8	70-130		3.76	30	
trans-1,3-Dichloropropylene	59		"	50.0		117	70-130		1.56	30	
Trichloroethylene	61		"	50.0		122	70-130		1.31	30	
Trichlorofluoromethane	50		"	50.0		100	70-130		3.92	30	
Vinyl Chloride	46		"	50.0		91.5	70-130		3.52	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>49.8</i>		<i>"</i>	<i>50.0</i>		<i>99.6</i>	<i>70-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>56.0</i>		<i>"</i>	<i>50.0</i>		<i>112</i>	<i>70-130</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>51.2</i>		<i>"</i>	<i>50.0</i>		<i>102</i>	<i>70-130</i>				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
16D0975-01	MW29_4.25.16	1000mL Amber Glass Cool to 4° C



Notes and Definitions

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-05	Pattern resembles weathered Fuel Oil No. 2/Diesel Oil
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.

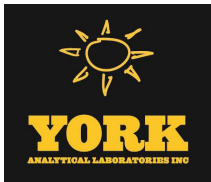
If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For 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
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FAX (203) 357-0166

Field Chain-of-Custody Record

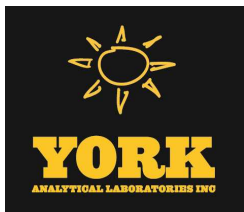
Page 1 of 1

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. 16D0975

YOUR Information Company: <u>Cayman Engineering</u> Address: <u>555 Long Wharf</u> Phone No. <u>203-562-5721</u> Contact Person: <u>Justin Hall</u> E-Mail Address: <u>JH-11@Cayman</u>		Report To: Company: <u>SAVANA</u> Address: <u>SAVANA</u> Phone No. <u>SAVANA</u> Attention: <u>SAVANA</u> E-Mail Address: <u>SAVANA</u>		Invoice To: Company: <u>SAVANA</u> Address: <u>SAVANA</u> Phone No. <u>SAVANA</u> Attention: <u>SAVANA</u> E-Mail Address: <u>SAVANA</u>		YOUR Project ID <u>140115301</u> Purchase Order No. <u> </u>		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 DQA/DUE Pkg ☐ NY ASP A Package ☐ NY ASP B Package ☐ NJDEP Red. Deliv. ☐ Electronic Data Deliverables (EDD) ☐ Simple Excel ☐ NYSDEC EQUS ☐ EQUS (std) ☐ EZ-EDD (EQUS) ☐ NJDEP SRP HazSite EDD ☐ GIS/KEY (std) ☐ Other ☐ York Regulatory Comparison ☐ Excel Spreadsheet ☐ Compare to the following Regs. (please fill in) ☐			
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Volatiles 8260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list		Semi-Vols. & PCBs 8270 & 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCL list NDEP list App. IX TCLP BNA SPLP/TCLP		Metals RCRA8 PP 13 list TAL CT 15 list TAGM list NDEP list Total Dissolved SPLP/TCLP Ind. Metals LIST Below		Misc. Org. TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium		Full Lists Pri. Poll. TCL Ognates TAL MacON Full TCLP Full App. IX Part 360 Reagents Part 360 Reagents Part 360 Reagents Part 360 Reagents NYDEP Reagents NYSDEC Reagents TAGM Silica		Misc. Consistency Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC Asbestos Silica	

Sample Identification MW29 - 4.25.16		Date/Time Sampled 4-25-16 / 11:20	Sample Matrix GW	Choose Analyses Needed from the Menu Above and Enter Below Petroleum ID (GC/F ID), VOCs 8260, SVOC Naphthalene 1-1L Amber
Comments Please submit a standard report for VOCs + Naphthalene		Temperature on Receipt 3.7 °C		



Technical Report

prepared for:

Langan Engineering & Environmental Services (CT)

Long Wharf Maritime Center, 555 Long Wharf Drive

New Haven CT, 06511

Attention: Kyle Zalaski

Report Date: 10/14/2015

Client Project ID: 140115301

York Project (SDG) No.: 15J0211

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 10/14/2015
Client Project ID: 140115301
York Project (SDG) No.: 15J0211

Langan Engineering & Environmental Services (CT)
Long Wharf Maritime Center, 555 Long Wharf Drive
New Haven CT, 06511
Attention: Kyle Zalaski

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 October 07, 2015 and listed below. The project was identified as your project: **140115301**.

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>
15J0211-01	GWTB01_10.6.15	Water	10/06/2015	10/07/2015
15J0211-02	GWFB01_10.6.15	Water	10/06/2015	10/07/2015
15J0211-03	GWDUP01_10.6.15	Water	10/06/2015	10/07/2015
15J0211-04	GW01_10.6.15	Water	10/06/2015	10/07/2015
15J0211-05	MW16_10.6.15	Water	10/06/2015	10/07/2015
15J0211-06	MW15_10.6.15	Water	10/06/2015	10/07/2015
15J0211-07	MW13_10.6.15	Water	10/06/2015	10/07/2015
15J0211-08	MW17_10.6.15	Water	10/06/2015	10/07/2015
15J0211-09	MW11_10.6.15	Water	10/06/2015	10/07/2015
15J0211-10	MW07_10.6.15	Water	10/06/2015	10/07/2015
15J0211-11	MW19_10.6.15	Water	10/06/2015	10/07/2015
15J0211-12	MW08_10.6.15	Water	10/06/2015	10/07/2015
15J0211-13	MW29_10.6.15	Oil	10/06/2015	10/07/2015

General Notes for York Project (SDG) No.: 15J0211

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: 10/14/2015





Sample Information

Client Sample ID: GWTB01_10.6.15

York Sample ID: 15J0211-01

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 12:00 am

Date Received

10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	10/12/2015 08:21	10/12/2015 14:53	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	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	10/12/2015 08:21	10/12/2015 14:53	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS



Sample Information

Client Sample ID: GWTB01_10.6.15

York Sample ID: 15J0211-01

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 12:00 am

Date Received
10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	10/12/2015 08:21	10/12/2015 14:53	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS



Sample Information

Client Sample ID: GWTB01_10.6.15

York Sample ID: 15J0211-01

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 12:00 am

Date Received
10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	10/12/2015 08:21	10/12/2015 14:53	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
75-09-2	Methylene chloride	12		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	10/12/2015 08:21	10/12/2015 14:53	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	10/12/2015 08:21	10/12/2015 14:53	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	10/12/2015 08:21	10/12/2015 14:53	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.5 %	69-130								
2037-26-5	Surrogate: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	121 %	79-122								



Sample Information

Client Sample ID: GWFB01_10.6.15

York Sample ID: 15J0211-02

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 1:00 pm

Date Received

10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	10/12/2015 08:21	10/12/2015 15:19	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	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	10/12/2015 08:21	10/12/2015 15:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
67-64-1	Acetone	2.2	CCV-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS



Sample Information

Client Sample ID: GWFB01_10.6.15

York Sample ID: 15J0211-02

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 1:00 pm

Date Received
10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS



Sample Information

Client Sample ID: GWFB01_10.6.15

York Sample ID: 15J0211-02

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 1:00 pm

Date Received

10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	10/12/2015 08:21	10/12/2015 15:19	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	10/12/2015 08:21	10/12/2015 15:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
108-88-3	Toluene	0.30	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	10/12/2015 08:21	10/12/2015 15:19	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.9 %	69-130								
2037-26-5	Surrogate: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	119 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GWFB01_10.6.15

York Sample ID: 15J0211-02

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 1:00 pm

Date Received

10/07/2015

Sample Prepared by 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	10/12/2015 06:34	10/12/2015 16:39	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854	10/12/2015 06:34	10/12/2015 16:39	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854	10/12/2015 06:34	10/12/2015 16:39	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854	10/12/2015 06:34	10/12/2015 16:39	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH



Sample Information

Client Sample ID: GWFB01_10.6.15

York Sample ID: 15J0211-02

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 1:00 pm

Date Received

10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:42	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:42	SR
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
62-53-3	Aniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:42	SR
1912-24-9	Atrazine	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
92-87-5	Benzidine	ND		ug/L	10.5	21.1	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:42	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:42	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:42	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:42	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:42	SR
65-85-0	Benzoic acid	ND		ug/L	26.3	52.6	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH



Sample Information

Client Sample ID: GWFB01_10.6.15

York Sample ID: 15J0211-02

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 1:00 pm

Date Received
10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:42	SR
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:42	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:42	SR
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:42	SR
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:42	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:42	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:42	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:42	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:42	SR
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
91-20-3	Naphthalene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:42	SR
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:42	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:42	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH



Sample Information

Client Sample ID: GWFB01_10.6.15

York Sample ID: 15J0211-02

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 1:00 pm

Date Received

10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:42	SR
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:42	SR
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:39	KH
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 16:42	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	24.5 %			10-65						
4165-62-2	Surrogate: Phenol-d5	15.8 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	58.7 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	49.2 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	45.8 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	51.3 %			10-100						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:08	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:08	ALD
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:08	ALD
7440-39-3	Barium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:08	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:08	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:08	ALD
7440-70-2	Calcium	ND		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:08	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:08	ALD
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:08	ALD
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:08	ALD
7439-89-6	Iron	ND		mg/L	0.022	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:08	ALD



Sample Information

Client Sample ID: GWFB01_10.6.15

York Sample ID: 15J0211-02

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 1:00 pm

Date Received
10/07/2015

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:08	ALD
7439-95-4	Magnesium	ND		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:08	ALD
7439-96-5	Manganese	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:08	ALD
7440-02-0	Nickel	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:08	ALD
7440-09-7	Potassium	ND		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:08	ALD
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:08	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:08	ALD
7440-23-5	Sodium	0.360		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:08	ALD
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:08	ALD
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:08	ALD
7440-66-6	Zinc	0.028		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:08	ALD

Metals, Target Analyte, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:33	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:33	ALD
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:33	ALD
7440-39-3	Barium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:33	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:33	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:33	ALD
7440-70-2	Calcium	ND		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:33	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:33	ALD
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:33	ALD
7440-50-8	Copper	0.005		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:33	ALD



Sample Information

Client Sample ID: GWFB01_10.6.15

York Sample ID: 15J0211-02

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 1:00 pm

Date Received
10/07/2015

Metals, Target Analyte, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.025		mg/L	0.022	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:33	ALD
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:33	ALD
7439-95-4	Magnesium	ND		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:33	ALD
7439-96-5	Manganese	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:33	ALD
7440-02-0	Nickel	0.008	B	mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:33	ALD
7440-09-7	Potassium	ND		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:33	ALD
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:33	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:33	ALD
7440-23-5	Sodium	0.282		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:33	ALD
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:33	ALD
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:33	ALD
7440-66-6	Zinc	0.021		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:33	ALD

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2015 10:05	10/09/2015 12:20	ALD

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2015 10:05	10/09/2015 12:20	ALD



Sample Information

Client Sample ID: GWDUP01_10.6.15

York Sample ID: 15J0211-03

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 12:00 am

Date Received

10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	10/12/2015 08:21	10/12/2015 15:46	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	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	10/12/2015 08:21	10/12/2015 15:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
95-63-6	1,2,4-Trimethylbenzene	880		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/13/2015 14:45	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
108-67-8	1,3,5-Trimethylbenzene	240		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/13/2015 14:45	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
78-93-3	2-Butanone	5.8		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS



Sample Information

Client Sample ID: GWDUP01_10.6.15

York Sample ID: 15J0211-03

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 12:00 am

Date Received

10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	12	CCV-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
71-43-2	Benzene	31		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
75-15-0	Carbon disulfide	0.30	J, B	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
67-66-3	Chloroform	4.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
110-82-7	Cyclohexane	110		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
100-41-4	Ethyl Benzene	420		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/13/2015 14:45	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
98-82-8	Isopropylbenzene	70		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS



Sample Information

Client Sample ID: GWDUP01_10.6.15

York Sample ID: 15J0211-03

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 12:00 am

Date Received

10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	3.3		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
108-87-2	Methylcyclohexane	100		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
103-65-1	n-Propylbenzene	140		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
95-47-6	o-Xylene	55		ug/L	4.0	10	20	EPA 8260C Certifications: NELAC-NY10854	10/12/2015 08:21	10/13/2015 14:45	SS
179601-23-1	p- & m- Xylenes	1200		ug/L	10	20	20	EPA 8260C Certifications: NELAC-NY10854	10/12/2015 08:21	10/13/2015 14:45	SS
99-87-6	p-Isopropyltoluene	4.6		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
135-98-8	sec-Butylbenzene	7.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
75-65-0	tert-Butyl alcohol (TBA)	8.9	CCV-E, SCAL- E	ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
108-88-3	Toluene	18		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 15:46	SS
1330-20-7	* Xylenes, Total	1300		ug/L	12	30	20	EPA 8260C Certifications: CTDOH,NJDEP	10/12/2015 08:21	10/13/2015 14:45	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %	69-130								
2037-26-5	Surrogate: Toluene-d8	106 %	81-117								



Sample Information

Client Sample ID: GWDUP01_10.6.15

York Sample ID: 15J0211-03

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 12:00 am

Date Received

10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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	107 %			79-122						

Sample Information

Client Sample ID: GW01_10.6.15

York Sample ID: 15J0211-04

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 9:08 am

Date Received

10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS



Sample Information

Client Sample ID: GW01_10.6.15

York Sample ID: 15J0211-04

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 9:08 am

Date Received

10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
123-91-1	1,4-Dioxane	ND		ug/L	200	400	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
78-93-3	2-Butanone	ND		ug/L	1.0	10	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
591-78-6	2-Hexanone	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
67-64-1	Acetone	5.2	J, B	ug/L	5.0	10	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
107-02-8	Acrolein	ND		ug/L	1.0	10	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
107-13-1	Acrylonitrile	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
71-43-2	Benzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
74-97-5	Bromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
75-27-4	Bromodichloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
75-25-2	Bromoform	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
74-83-9	Bromomethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
75-15-0	Carbon disulfide	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
108-90-7	Chlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
75-00-3	Chloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
67-66-3	Chloroform	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
74-87-3	Chloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
110-82-7	Cyclohexane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS



Sample Information

Client Sample ID: GW01_10.6.15

York Sample ID: 15J0211-04

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 9:08 am

Date Received
10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
74-95-3	Dibromomethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
100-41-4	Ethyl Benzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
98-82-8	Isopropylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
79-20-9	Methyl acetate	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	230		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
108-87-2	Methylcyclohexane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
75-09-2	Methylene chloride	ND		ug/L	5.0	10	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
104-51-8	n-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
103-65-1	n-Propylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
95-47-6	o-Xylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854	10/13/2015 08:10	10/13/2015 15:51	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	5.0	5	EPA 8260C Certifications: NELAC-NY10854	10/13/2015 08:10	10/13/2015 15:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
135-98-8	sec-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
100-42-5	Styrene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
75-65-0	tert-Butyl alcohol (TBA)	9.6	J	ug/L	2.5	10	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
127-18-4	Tetrachloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
108-88-3	Toluene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS



Sample Information

Client Sample ID: GW01_10.6.15

York Sample ID: 15J0211-04

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 9:08 am

Date Received
10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
75-01-4	Vinyl Chloride	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
1330-20-7	* Xylenes, Total	ND		ug/L	3.0	7.5	5	EPA 8260C Certifications: CTDOH,NJDEP	10/13/2015 08:10	10/13/2015 15:51	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	88.0 %			69-130						
2037-26-5	Surrogate: Toluene-d8	105 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	98.5 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	10/12/2015 06:34	10/12/2015 17:10	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	10/12/2015 06:34	10/12/2015 17:10	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	10/12/2015 06:34	10/12/2015 17:10	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH



Sample Information

Client Sample ID: GW01_10.6.15

York Sample ID: 15J0211-04

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

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October 6, 2015 9:08 am

Date Received
10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:12	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:12	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:12	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH



Sample Information

Client Sample ID: GW01_10.6.15

York Sample ID: 15J0211-04

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 9:08 am

Date Received
10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:12	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:12	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:12	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:12	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:12	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
117-81-7	Bis(2-ethylhexyl)phthalate	7.28		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:12	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:12	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:12	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:12	SR



Sample Information

Client Sample ID: GW01_10.6.15

York Sample ID: 15J0211-04

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 9:08 am

Date Received

10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:12	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:12	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:12	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	10/12/2015 06:34	10/12/2015 17:12	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:12	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:12	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:12	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:12	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:12	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:10	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:12	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	32.0 %	10-65								
4165-62-2	Surrogate: Phenol-d5	21.4 %	10-49								
4165-60-0	Surrogate: Nitrobenzene-d5	71.7 %	10-96								
321-60-8	Surrogate: 2-Fluorobiphenyl	55.0 %	10-93								
118-79-6	Surrogate: 2,4,6-Tribromophenol	54.4 %	10-128								
1718-51-0	Surrogate: Terphenyl-d14	58.2 %	10-100								

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.156		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:13	ALD



Sample Information

Client Sample ID: GW01_10.6.15

York Sample ID: 15J0211-04

York Project (SDG) No.

15J0211

Client Project ID

140115301

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October 6, 2015 9:08 am

Date Received

10/07/2015

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:13	ALD
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:13	ALD
7440-39-3	Barium	0.133		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:13	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:13	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:13	ALD
7440-70-2	Calcium	97.3		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:13	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:13	ALD
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:13	ALD
7440-50-8	Copper	0.008		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:13	ALD
7439-89-6	Iron	0.392		mg/L	0.022	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:13	ALD
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:13	ALD
7439-95-4	Magnesium	29.2		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:13	ALD
7439-96-5	Manganese	0.899		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:13	ALD
7440-02-0	Nickel	0.007		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:13	ALD
7440-09-7	Potassium	6.22		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:13	ALD
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:13	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:13	ALD
7440-23-5	Sodium	30.9		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:13	ALD
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:13	ALD
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:13	ALD
7440-66-6	Zinc	0.030		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:13	ALD

Metals, Target Analyte, Dissolved

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GW01_10.6.15

York Sample ID: 15J0211-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15J0211

140115301

Water

October 6, 2015 9:08 am

10/07/2015

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:38	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:38	ALD
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:38	ALD
7440-39-3	Barium	0.132		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:38	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:38	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:38	ALD
7440-70-2	Calcium	101		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:38	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:38	ALD
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:38	ALD
7440-50-8	Copper	0.008		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:38	ALD
7439-89-6	Iron	0.028		mg/L	0.022	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:38	ALD
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:38	ALD
7439-95-4	Magnesium	29.8		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:38	ALD
7439-96-5	Manganese	0.915		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:38	ALD
7440-02-0	Nickel	0.011	B	mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:38	ALD
7440-09-7	Potassium	6.29		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:38	ALD
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:38	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:38	ALD
7440-23-5	Sodium	32.6		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:38	ALD
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:38	ALD
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:38	ALD
7440-66-6	Zinc	0.038		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 00:38	ALD

Mercury by 7473

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GW01_10.6.15

York Sample ID: 15J0211-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15J0211

140115301

Water

October 6, 2015 9:08 am

10/07/2015

Sample Prepared by Method: EPA 7473 water

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	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2015 10:05	10/09/2015 12:20	ALD

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2015 10:05	10/09/2015 12:20	ALD

Sample Information

Client Sample ID: MW16_10.6.15

York Sample ID: 15J0211-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15J0211

140115301

Water

October 6, 2015 9:08 am

10/07/2015

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	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	10/12/2015 08:21	10/12/2015 17:57	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS



Sample Information

Client Sample ID: MW16_10.6.15

York Sample ID: 15J0211-05

York Project (SDG) No.

15J0211

Client Project ID

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October 6, 2015 9:08 am

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10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS



Sample Information

Client Sample ID: MW16_10.6.15

York Sample ID: 15J0211-05

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 9:08 am

Date Received

10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	10/12/2015 08:21	10/12/2015 17:57	SS
156-59-2	cis-1,2-Dichloroethylene	0.23	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	240		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/13/2015 18:04	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	10/12/2015 08:21	10/12/2015 17:57	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	10/12/2015 08:21	10/12/2015 17:57	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
75-65-0	tert-Butyl alcohol (TBA)	70	CCV-E, SCAL-E	ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS



Sample Information

Client Sample ID: MW16_10.6.15

York Sample ID: 15J0211-05

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 9:08 am

Date Received
10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	10/12/2015 08:21	10/12/2015 17:57	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.4 %				69-130					
2037-26-5	Surrogate: Toluene-d8	103 %				81-117					
460-00-4	Surrogate: p-Bromofluorobenzene	124 %	S-08			79-122					

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	10/12/2015 06:34	10/12/2015 17:41	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	10/12/2015 06:34	10/12/2015 17:41	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	10/12/2015 06:34	10/12/2015 17:41	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH



Sample Information

Client Sample ID: MW16_10.6.15

York Sample ID: 15J0211-05

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

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Date Received

10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:43	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:43	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH



Sample Information

Client Sample ID: MW16_10.6.15

York Sample ID: 15J0211-05

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 9:08 am

Date Received
10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:43	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:43	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:43	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:43	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:43	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:43	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:43	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
117-81-7	Bis(2-ethylhexyl)phthalate	1.66		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:43	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:43	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:43	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH



Sample Information

Client Sample ID: MW16_10.6.15

York Sample ID: 15J0211-05

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 9:08 am

Date Received
10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:43	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:43	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:43	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:43	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:43	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	10/12/2015 06:34	10/12/2015 17:43	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:43	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:43	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:43	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:43	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:43	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:41	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 17:43	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	33.8 %	10-65								
4165-62-2	Surrogate: Phenol-d5	27.8 %	10-49								
4165-60-0	Surrogate: Nitrobenzene-d5	63.9 %	10-96								
321-60-8	Surrogate: 2-Fluorobiphenyl	53.9 %	10-93								
118-79-6	Surrogate: 2,4,6-Tribromophenol	55.8 %	10-128								
1718-51-0	Surrogate: Terphenyl-d14	56.7 %	10-100								



Sample Information

Client Sample ID: MW16_10.6.15

York Sample ID: 15J0211-05

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 9:08 am

Date Received
10/07/2015

Metals, Target Analyte

Sample Prepared by Method: EPA 3015A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.128		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:31	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:31	ALD
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:31	ALD
7440-39-3	Barium	0.125		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:31	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:31	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:31	ALD
7440-70-2	Calcium	96.7		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:31	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:31	ALD
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:31	ALD
7440-50-8	Copper	0.007		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:31	ALD
7439-89-6	Iron	0.310		mg/L	0.022	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:31	ALD
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:31	ALD
7439-95-4	Magnesium	29.5		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:31	ALD
7439-96-5	Manganese	0.878		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:31	ALD
7440-02-0	Nickel	0.009		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:31	ALD
7440-09-7	Potassium	6.32		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:31	ALD
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:31	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:31	ALD
7440-23-5	Sodium	30.7		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:31	ALD
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:31	ALD
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:31	ALD
7440-66-6	Zinc	0.028		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:31	ALD



Sample Information

Client Sample ID: MW16_10.6.15

York Sample ID: 15J0211-05

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 9:08 am

Date Received
10/07/2015

Metals, Target Analyte, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:10	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:10	ALD
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:10	ALD
7440-39-3	Barium	0.129		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:10	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:10	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:10	ALD
7440-70-2	Calcium	100		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:10	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:10	ALD
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:10	ALD
7440-50-8	Copper	0.008		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:10	ALD
7439-89-6	Iron	0.030		mg/L	0.022	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:10	ALD
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:10	ALD
7439-95-4	Magnesium	29.2		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:10	ALD
7439-96-5	Manganese	0.902		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:10	ALD
7440-02-0	Nickel	0.012	B	mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:10	ALD
7440-09-7	Potassium	6.14		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:10	ALD
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:10	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:10	ALD
7440-23-5	Sodium	32.3		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:10	ALD
7440-28-0	Thallium	0.006		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:10	ALD
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:10	ALD
7440-66-6	Zinc	0.032		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:10	ALD



Sample Information

Client Sample ID: MW16_10.6.15

York Sample ID: 15J0211-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15J0211

140115301

Water

October 6, 2015 9:08 am

10/07/2015

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2015 10:05	10/09/2015 12:20	ALD

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2015 10:05	10/09/2015 12:20	ALD

Sample Information

Client Sample ID: MW15_10.6.15

York Sample ID: 15J0211-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15J0211

140115301

Water

October 6, 2015 9:30 am

10/07/2015

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 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	10/12/2015 08:21	10/12/2015 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	10/12/2015 08:21	10/12/2015 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	10/12/2015 08:21	10/12/2015 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	10/12/2015 08:21	10/12/2015 18:23	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 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	10/12/2015 08:21	10/12/2015 18:23	SS



Sample Information

Client Sample ID: MW15_10.6.15

York Sample ID: 15J0211-06

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 9:30 am

Date Received
10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 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	10/12/2015 08:21	10/12/2015 18:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 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	10/12/2015 08:21	10/12/2015 18:23	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
74-83-9	Bromomethane	0.26	B, CCV-E, SCAL- E, J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS



Sample Information

Client Sample ID: MW15_10.6.15

York Sample ID: 15J0211-06

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 9:30 am

Date Received

10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	0.96		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	10/12/2015 08:21	10/12/2015 18:23	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	10/12/2015 08:21	10/12/2015 18:23	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS



Sample Information

Client Sample ID: MW15_10.6.15

York Sample ID: 15J0211-06

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 9:30 am

Date Received
10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	10/12/2015 08:21	10/12/2015 18:23	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 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	10/12/2015 08:21	10/12/2015 18:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	10/12/2015 08:21	10/12/2015 18:23	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.1 %	69-130								
2037-26-5	Surrogate: Toluene-d8	104 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	121 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	10/12/2015 06:34	10/12/2015 18:12	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	10/12/2015 06:34	10/12/2015 18:12	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	10/12/2015 06:34	10/12/2015 18:12	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH



Sample Information

Client Sample ID: MW15_10.6.15

York Sample ID: 15J0211-06

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 9:30 am

Date Received
10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:13	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:13	SR



Sample Information

Client Sample ID: MW15_10.6.15

York Sample ID: 15J0211-06

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 9:30 am

Date Received
10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:13	SR
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:13	SR
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:13	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:13	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:13	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:13	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:13	SR
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
117-81-7	Bis(2-ethylhexyl)phthalate	0.550		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:13	SR
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:13	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:13	SR
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH



Sample Information

Client Sample ID: MW15_10.6.15

York Sample ID: 15J0211-06

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 9:30 am

Date Received

10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:13	SR
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:13	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:13	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:13	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:13	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	10/12/2015 06:34	10/12/2015 18:13	SR
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:13	SR
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:13	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:13	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:13	SR
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:13	SR
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:12	KH
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:13	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	25.0 %	10-65								
4165-62-2	Surrogate: Phenol-d5	16.2 %	10-49								
4165-60-0	Surrogate: Nitrobenzene-d5	62.2 %	10-96								
321-60-8	Surrogate: 2-Fluorobiphenyl	50.0 %	10-93								
118-79-6	Surrogate: 2,4,6-Tribromophenol	45.7 %	10-128								



Sample Information

Client Sample ID: MW15_10.6.15

York Sample ID: 15J0211-06

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

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Collection Date/Time

October 6, 2015 9:30 am

Date Received

10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	Surrogate: Terphenyl-d14	53.7 %			10-100						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:36	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:36	ALD
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:36	ALD
7440-39-3	Barium	0.130		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:36	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:36	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:36	ALD
7440-70-2	Calcium	126		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:36	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:36	ALD
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:36	ALD
7440-50-8	Copper	0.006		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:36	ALD
7439-89-6	Iron	0.044		mg/L	0.022	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:36	ALD
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:36	ALD
7439-95-4	Magnesium	44.0		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:36	ALD
7439-96-5	Manganese	0.293		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:36	ALD
7440-02-0	Nickel	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:36	ALD
7440-09-7	Potassium	5.11		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:36	ALD
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:36	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:36	ALD
7440-23-5	Sodium	28.7		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:36	ALD



Sample Information

Client Sample ID: MW15_10.6.15

York Sample ID: 15J0211-06

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 9:30 am

Date Received

10/07/2015

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:36	ALD
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:36	ALD
7440-66-6	Zinc	0.027		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:36	ALD

Metals, Target Analyte, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:15	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:15	ALD
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:15	ALD
7440-39-3	Barium	0.130		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:15	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:15	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:15	ALD
7440-70-2	Calcium	131		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:15	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:15	ALD
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:15	ALD
7440-50-8	Copper	0.007		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:15	ALD
7439-89-6	Iron	0.026		mg/L	0.022	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:15	ALD
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:15	ALD
7439-95-4	Magnesium	44.5		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:15	ALD
7439-96-5	Manganese	0.298		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:15	ALD
7440-02-0	Nickel	0.010	B	mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:15	ALD
7440-09-7	Potassium	5.09		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:15	ALD
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:15	ALD



Sample Information

Client Sample ID: MW15_10.6.15

York Sample ID: 15J0211-06

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 9:30 am

Date Received

10/07/2015

Metals, Target Analyte, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:15	ALD
7440-23-5	Sodium	29.8		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:15	ALD
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:15	ALD
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:15	ALD
7440-66-6	Zinc	0.033		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:15	ALD

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2015 10:05	10/09/2015 12:20	ALD

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2015 10:05	10/09/2015 12:20	ALD

Sample Information

Client Sample ID: MW13_10.6.15

York Sample ID: 15J0211-07

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 11:15 am

Date Received

10/07/2015

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS



Sample Information

Client Sample ID: MW13_10.6.15

York Sample ID: 15J0211-07

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 11:15 am

Date Received

10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS



Sample Information

Client Sample ID: MW13_10.6.15

York Sample ID: 15J0211-07

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 11:15 am

Date Received

10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
74-83-9	Bromomethane	0.30	B, CCV-E, SCAL- E, J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS



Sample Information

Client Sample ID: MW13_10.6.15

York Sample ID: 15J0211-07

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

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October 6, 2015 11:15 am

Date Received

10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	10/12/2015 08:21	10/12/2015 18:49	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	10/12/2015 08:21	10/12/2015 18:49	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	10/12/2015 08:21	10/12/2015 18:49	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.6 %	69-130								
2037-26-5	Surrogate: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	120 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH



Sample Information

Client Sample ID: MW13_10.6.15

York Sample ID: 15J0211-07

York Project (SDG) No.

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10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	10/12/2015 06:34	10/12/2015 18:42	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	10/12/2015 06:34	10/12/2015 18:42	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	10/12/2015 06:34	10/12/2015 18:42	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH



Sample Information

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York Project (SDG) No.

15J0211

Client Project ID

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Matrix

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October 6, 2015 11:15 am

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10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 18:42	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 18:42	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 18:42	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 18:42	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 18:42	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 18:42	KH
83-32-9	Acenaphthene	0.130		ug/L	0.0541	0.0541	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 18:44	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 18:44	SR
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	10/12/2015 06:34 NELAC-NY10854,NJDEP	10/12/2015 18:42	KH
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	10/12/2015 06:34 NELAC-NY10854,NJDEP	10/12/2015 18:42	KH
120-12-7	Anthracene	0.0865		ug/L	0.0541	0.0541	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 18:44	SR
1912-24-9	Atrazine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications:	10/12/2015 06:34 NELAC-NY10854,NJDEP	10/12/2015 18:44	SR
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	10/12/2015 06:34 NELAC-NY10854,NJDEP	10/12/2015 18:42	KH
92-87-5	Benzidine	ND		ug/L	10.8	21.6	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 18:42	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 18:44	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 18:44	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 18:44	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 18:44	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 18:44	SR
65-85-0	Benzoic acid	ND		ug/L	27.0	54.1	1	EPA 8270D Certifications:	10/12/2015 06:34 NELAC-NY10854,NJDEP	10/12/2015 18:42	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	10/12/2015 06:34 NELAC-NY10854,NJDEP	10/12/2015 18:42	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 18:42	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 18:42	KH



Sample Information

Client Sample ID: MW13_10.6.15

York Sample ID: 15J0211-07

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
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Collection Date/Time
October 6, 2015 11:15 am

Date Received
10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
117-81-7	Bis(2-ethylhexyl)phthalate	3.09		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
218-01-9	Chrysene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:44	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:44	SR
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
206-44-0	Fluoranthene	0.151		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:44	SR
86-73-7	Fluorene	0.227		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:44	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	0.0216	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:44	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:44	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
67-72-1	Hexachloroethane	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:44	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:44	SR
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
91-20-3	Naphthalene	0.0649		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:44	SR
98-95-3	Nitrobenzene	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:44	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:44	SR



Sample Information

Client Sample ID: MW13_10.6.15

York Sample ID: 15J0211-07

York Project (SDG) No.
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140115301

Matrix
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October 6, 2015 11:15 am

Date Received
10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:44	SR
85-01-8	Phenanthrene	0.0649		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:44	SR
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:42	KH
129-00-0	Pyrene	0.0865		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 18:44	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	26.4 %	10-65								
4165-62-2	Surrogate: Phenol-d5	17.3 %	10-49								
4165-60-0	Surrogate: Nitrobenzene-d5	62.9 %	10-96								
321-60-8	Surrogate: 2-Fluorobiphenyl	55.3 %	10-93								
118-79-6	Surrogate: 2,4,6-Tribromophenol	52.5 %	10-128								
1718-51-0	Surrogate: Terphenyl-d14	57.9 %	10-100								

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:41	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:41	ALD
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:41	ALD
7440-39-3	Barium	0.089		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:41	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:41	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:41	ALD
7440-70-2	Calcium	81.1		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:41	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:41	ALD
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:41	ALD
7440-50-8	Copper	0.005		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:41	ALD



Sample Information

Client Sample ID: MW13_10.6.15

York Sample ID: 15J0211-07

York Project (SDG) No.

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140115301

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October 6, 2015 11:15 am

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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.110		mg/L	0.022	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:41	ALD
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:41	ALD
7439-95-4	Magnesium	15.5		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:41	ALD
7439-96-5	Manganese	1.09		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:41	ALD
7440-02-0	Nickel	0.010		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:41	ALD
7440-09-7	Potassium	4.90		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:41	ALD
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:41	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:41	ALD
7440-23-5	Sodium	41.7		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:41	ALD
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:41	ALD
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:41	ALD
7440-66-6	Zinc	0.044		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:41	ALD

Metals, Target Analyte, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:20	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:20	ALD
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:20	ALD
7440-39-3	Barium	0.090		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:20	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:20	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:20	ALD
7440-70-2	Calcium	84.7		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:20	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:20	ALD



Sample Information

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York Sample ID: 15J0211-07

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Metals, Target Analyte, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:20	ALD
7440-50-8	Copper	0.006		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:20	ALD
7439-89-6	Iron	0.066		mg/L	0.022	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:20	ALD
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:20	ALD
7439-95-4	Magnesium	16.2		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:20	ALD
7439-96-5	Manganese	1.11		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:20	ALD
7440-02-0	Nickel	0.014	B	mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:20	ALD
7440-09-7	Potassium	4.97		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:20	ALD
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:20	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:20	ALD
7440-23-5	Sodium	44.0		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:20	ALD
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:20	ALD
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:20	ALD
7440-66-6	Zinc	0.046		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:20	ALD

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2015 10:05	10/09/2015 12:20	ALD

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2015 10:05	10/09/2015 12:20	ALD



Sample Information

Client Sample ID: MW17_10.6.15

York Sample ID: 15J0211-08

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 11:45 am

Date Received
10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	10/12/2015 15:01	10/12/2015 22:46	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	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	10/12/2015 15:01	10/12/2015 22:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS



Sample Information

Client Sample ID: MW17_10.6.15

York Sample ID: 15J0211-08

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 11:45 am

Date Received
10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	1.3	SCAL- E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS



Sample Information

Client Sample ID: MW17_10.6.15

York Sample ID: 15J0211-08

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 11:45 am

Date Received

10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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)	1.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	10/12/2015 15:01	10/12/2015 22:46	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	10/12/2015 15:01	10/12/2015 22:46	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	10/12/2015 15:01	10/12/2015 22:46	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.2 %	69-130								
2037-26-5	Surrogate: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	119 %	79-122								



Sample Information

Client Sample ID: MW17_10.6.15

York Sample ID: 15J0211-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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15J0211

140115301

Water

October 6, 2015 11:45 am

10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	10/12/2015 06:34	10/12/2015 19:13	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	10/12/2015 06:34	10/12/2015 19:13	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	10/12/2015 06:34	10/12/2015 19:13	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH



Sample Information

Client Sample ID: MW17_10.6.15

York Sample ID: 15J0211-08

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
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Collection Date/Time
October 6, 2015 11:45 am

Date Received
10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:14	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:14	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:14	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:14	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:14	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:14	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:14	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:14	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:14	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH



Sample Information

Client Sample ID: MW17_10.6.15

York Sample ID: 15J0211-08

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
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Collection Date/Time
October 6, 2015 11:45 am

Date Received
10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
117-81-7	Bis(2-ethylhexyl)phthalate	0.687		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:14	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:14	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:14	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:14	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:14	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:14	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:14	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:14	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	10/12/2015 06:34	10/12/2015 19:14	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:14	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:14	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:14	SR



Sample Information

Client Sample ID: MW17_10.6.15

York Sample ID: 15J0211-08

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 11:45 am

Date Received

10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:14	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:14	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:13	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:14	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	27.8 %			10-65						
4165-62-2	Surrogate: Phenol-d5	19.2 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	66.1 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	56.4 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	56.9 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	60.3 %			10-100						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.702		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:59	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:59	ALD
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:59	ALD
7440-39-3	Barium	0.322		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:59	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:59	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:59	ALD
7440-70-2	Calcium	117		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:59	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:59	ALD
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:59	ALD
7440-50-8	Copper	0.015		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:59	ALD



Sample Information

Client Sample ID: MW17_10.6.15

York Sample ID: 15J0211-08

York Project (SDG) No.
15J0211

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10/07/2015

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	1.15		mg/L	0.022	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:59	ALD
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:59	ALD
7439-95-4	Magnesium	12.0		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:59	ALD
7439-96-5	Manganese	2.86		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:59	ALD
7440-02-0	Nickel	0.011		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:59	ALD
7440-09-7	Potassium	14.9		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:59	ALD
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:59	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:59	ALD
7440-23-5	Sodium	69.7		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:59	ALD
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:59	ALD
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:59	ALD
7440-66-6	Zinc	0.038		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/09/2015 23:59	ALD

Metals, Target Analyte, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.126		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:26	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:26	ALD
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:26	ALD
7440-39-3	Barium	0.314		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:26	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:26	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:26	ALD
7440-70-2	Calcium	126		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:26	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:26	ALD



Sample Information

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York Sample ID: 15J0211-08

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

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October 6, 2015 11:45 am

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10/07/2015

Metals, Target Analyte, Dissolved

Sample Prepared by Method: EPA 3015A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:26	ALD
7440-50-8	Copper	0.010		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:26	ALD
7439-89-6	Iron	0.332		mg/L	0.022	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:26	ALD
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:26	ALD
7439-95-4	Magnesium	11.9		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:26	ALD
7439-96-5	Manganese	2.89		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:26	ALD
7440-02-0	Nickel	0.012	B	mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:26	ALD
7440-09-7	Potassium	15.2		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:26	ALD
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:26	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:26	ALD
7440-23-5	Sodium	75.3		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:26	ALD
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:26	ALD
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:26	ALD
7440-66-6	Zinc	0.031		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:26	ALD

Mercury by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

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	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2015 10:05	10/09/2015 12:20	ALD

Mercury by 7473, Dissolved

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

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	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2015 10:05	10/09/2015 12:20	ALD



Sample Information

Client Sample ID: MW11_10.6.15

York Sample ID: 15J0211-09

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 12:50 pm

Date Received

10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	10/12/2015 15:01	10/12/2015 23:13	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	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	10/12/2015 15:01	10/12/2015 23:13	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
78-93-3	2-Butanone	1.3	CCV-E, J	ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS



Sample Information

Client Sample ID: MW11_10.6.15

York Sample ID: 15J0211-09

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 12:50 pm

Date Received
10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	3.0	SCAL- E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
74-83-9	Bromomethane	0.47	B, CCV-E, SCAL- E, J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
75-15-0	Carbon disulfide	0.31	B, J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
74-87-3	Chloromethane	0.25	CCV-E, J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
110-82-7	Cyclohexane	1.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS



Sample Information

Client Sample ID: MW11_10.6.15

York Sample ID: 15J0211-09

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 12:50 pm

Date Received

10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	10/12/2015 15:01	10/12/2015 23:13	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
108-87-2	Methylcyclohexane	0.88		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	10/12/2015 15:01	10/12/2015 23:13	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	10/12/2015 15:01	10/12/2015 23:13	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
75-65-0	tert-Butyl alcohol (TBA)	1.8	CCV-E, SCAL- E, J	ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	10/12/2015 15:01	10/12/2015 23:13	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.9 %	69-130								



Sample Information

Client Sample ID: MW11_10.6.15

York Sample ID: 15J0211-09

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 12:50 pm

Date Received

10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: Toluene-d8	102 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	119 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	10/12/2015 06:34	10/12/2015 19:44	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	10/12/2015 06:34	10/12/2015 19:44	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	10/12/2015 06:34	10/12/2015 19:44	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH



Sample Information

Client Sample ID: MW11_10.6.15

York Sample ID: 15J0211-09

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 12:50 pm

Date Received
10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	SR
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	SR
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	SR
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	SR



Sample Information

Client Sample ID: MW11_10.6.15

York Sample ID: 15J0211-09

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 12:50 pm

Date Received
10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	SR
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	SR
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	SR
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	SR
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	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	10/12/2015 06:34	10/12/2015 19:44	SR



Sample Information

Client Sample ID: MW11_10.6.15

York Sample ID: 15J0211-09

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 12:50 pm

Date Received

10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	SR
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	SR
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	SR
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	KH
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 19:44	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	27.3 %	10-65								
4165-62-2	Surrogate: Phenol-d5	18.7 %	10-49								
4165-60-0	Surrogate: Nitrobenzene-d5	66.8 %	10-96								
321-60-8	Surrogate: 2-Fluorobiphenyl	57.2 %	10-93								
118-79-6	Surrogate: 2,4,6-Tribromophenol	54.9 %	10-128								
1718-51-0	Surrogate: Terphenyl-d14	57.1 %	10-100								

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.101		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:05	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:05	ALD
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:05	ALD
7440-39-3	Barium	0.100		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:05	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:05	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:05	ALD



Sample Information

Client Sample ID: MW11_10.6.15

York Sample ID: 15J0211-09

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 12:50 pm

Date Received

10/07/2015

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	203		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:05	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:05	ALD
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:05	ALD
7440-50-8	Copper	0.010		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:05	ALD
7439-89-6	Iron	0.253		mg/L	0.022	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:05	ALD
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:05	ALD
7439-95-4	Magnesium	35.4		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:05	ALD
7439-96-5	Manganese	2.63		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:05	ALD
7440-02-0	Nickel	0.012		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:05	ALD
7440-09-7	Potassium	9.02		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:05	ALD
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:05	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:05	ALD
7440-23-5	Sodium	114		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:05	ALD
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:05	ALD
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:05	ALD
7440-66-6	Zinc	0.040		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:05	ALD

Metals, Target Analyte, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:31	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:31	ALD
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:31	ALD
7440-39-3	Barium	0.103		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:31	ALD



Sample Information

Client Sample ID: MW11_10.6.15

York Sample ID: 15J0211-09

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 12:50 pm

Date Received
10/07/2015

Metals, Target Analyte, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:31	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:31	ALD
7440-70-2	Calcium	217		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:31	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:31	ALD
7440-48-4	Cobalt	0.006		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:31	ALD
7440-50-8	Copper	0.009		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:31	ALD
7439-89-6	Iron	ND		mg/L	0.022	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:31	ALD
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:31	ALD
7439-95-4	Magnesium	37.0		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:31	ALD
7439-96-5	Manganese	2.78		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:31	ALD
7440-02-0	Nickel	0.013	B	mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:31	ALD
7440-09-7	Potassium	9.08		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:31	ALD
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:31	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:31	ALD
7440-23-5	Sodium	116		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:31	ALD
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:31	ALD
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:31	ALD
7440-66-6	Zinc	0.017		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:31	ALD

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2015 10:05	10/09/2015 12:20	ALD

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW11_10.6.15

York Sample ID: 15J0211-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15J0211

140115301

Water

October 6, 2015 12:50 pm

10/07/2015

Sample Prepared by Method: EPA 7473 water

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	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications:	10/08/2015 10:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2015 12:20	ALD

Sample Information

Client Sample ID: MW07_10.6.15

York Sample ID: 15J0211-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15J0211

140115301

Water

October 6, 2015 1:40 pm

10/07/2015

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/12/2015 15:01 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 23:39	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/12/2015 15:01 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 23:39	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/12/2015 15:01 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 23:39	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:	10/12/2015 15:01 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 23:39	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/12/2015 15:01 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 23:39	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/12/2015 15:01 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 23:39	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/12/2015 15:01 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 23:39	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/12/2015 15:01 NELAC-NY10854,NJDEP	10/12/2015 23:39	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/12/2015 15:01 NELAC-NY10854,NJDEP	10/12/2015 23:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/12/2015 15:01 NELAC-NY10854,NJDEP	10/12/2015 23:39	SS
95-63-6	1,2,4-Trimethylbenzene	1.6		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/12/2015 15:01 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 23:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/12/2015 15:01 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 23:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/12/2015 15:01 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 23:39	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/12/2015 15:01 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 23:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/12/2015 15:01 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 23:39	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/12/2015 15:01 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 23:39	SS



Sample Information

Client Sample ID: MW07_10.6.15

York Sample ID: 15J0211-10

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 1:40 pm

Date Received
10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	0.81		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
78-93-3	2-Butanone	0.82	CCV-E, J	ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
67-64-1	Acetone	1.8	SCAL- E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
71-43-2	Benzene	0.47	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
74-83-9	Bromomethane	0.58	B, CCV-E, SCAL- E	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
75-15-0	Carbon disulfide	0.26	B, J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS



Sample Information

Client Sample ID: MW07_10.6.15

York Sample ID: 15J0211-10

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 1:40 pm

Date Received

10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	10/12/2015 15:01	10/12/2015 23:39	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
100-41-4	Ethyl Benzene	1.6		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
103-65-1	n-Propylbenzene	0.23	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
95-47-6	o-Xylene	8.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	10/12/2015 15:01	10/12/2015 23:39	SS
179601-23-1	p- & m- Xylenes	12		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	10/12/2015 15:01	10/12/2015 23:39	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
127-18-4	Tetrachloroethylene	3.6		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
108-88-3	Toluene	1.7		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS



Sample Information

Client Sample ID: MW07_10.6.15

York Sample ID: 15J0211-10

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 1:40 pm

Date Received

10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	10/12/2015 15:01	10/12/2015 23:39	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
79-01-6	Trichloroethylene	0.33	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
1330-20-7	* Xylenes, Total	20		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	10/12/2015 15:01	10/12/2015 23:39	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.0 %	69-130								
2037-26-5	Surrogate: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	118 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 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	10/12/2015 06:34	10/12/2015 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	10/12/2015 06:34	10/12/2015 20:15	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	10/12/2015 06:34	10/12/2015 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	10/12/2015 06:34	10/12/2015 20:15	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	10/12/2015 06:34	10/12/2015 20:15	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	10/12/2015 06:34	10/12/2015 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	10/12/2015 06:34	10/12/2015 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	10/12/2015 06:34	10/12/2015 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	10/12/2015 06:34	10/12/2015 20:15	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	KH



Sample Information

Client Sample ID: MW07_10.6.15

York Sample ID: 15J0211-10

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 1:40 pm

Date Received

10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 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	10/12/2015 06:34	10/12/2015 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	10/12/2015 06:34	10/12/2015 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	10/12/2015 06:34	10/12/2015 20:15	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 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	10/12/2015 06:34	10/12/2015 20:15	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	SR
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	KH
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	SR



Sample Information

Client Sample ID: MW07_10.6.15

York Sample ID: 15J0211-10

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 1:40 pm

Date Received

10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	SR
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	KH
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	SR
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 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	10/12/2015 06:34	10/12/2015 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	10/12/2015 06:34	10/12/2015 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	10/12/2015 06:34	10/12/2015 20:15	KH
117-81-7	Bis(2-ethylhexyl)phthalate	0.700		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	SR
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	SR
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 20:15	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 06:34	10/12/2015 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	10/12/2015 06:34	10/12/2015 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	10/12/2015 06:34	10/12/2015 20:15	KH



Sample Information

Client Sample ID: MW07_10.6.15

York Sample ID: 15J0211-10

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 1:40 pm

Date Received

10/07/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 20:15	SR
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	10/12/2015 06:34 NELAC-NY10854,NJDEP	10/12/2015 20:15	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 20:15	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 20:15	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 20:15	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 20:15	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 20:15	SR
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 20:15	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 20:15	SR
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 20:15	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 20:15	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 20:15	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 20:15	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 20:15	SR
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 20:15	SR
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 20:15	KH
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	10/12/2015 06:34 CTDOH,NELAC-NY10854,NJDEP	10/12/2015 20:15	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	24.9 %	10-65								
4165-62-2	Surrogate: Phenol-d5	18.1 %	10-49								
4165-60-0	Surrogate: Nitrobenzene-d5	63.0 %	10-96								
321-60-8	Surrogate: 2-Fluorobiphenyl	52.7 %	10-93								
118-79-6	Surrogate: 2,4,6-Tribromophenol	58.0 %	10-128								
1718-51-0	Surrogate: Terphenyl-d14	56.3 %	10-100								

Metals, Target Analyte

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW07_10.6.15

York Sample ID: 15J0211-10

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 1:40 pm

Date Received
10/07/2015

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:10	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:10	ALD
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:10	ALD
7440-39-3	Barium	0.075		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:10	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:10	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:10	ALD
7440-70-2	Calcium	92.3		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:10	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:10	ALD
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:10	ALD
7440-50-8	Copper	0.007		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:10	ALD
7439-89-6	Iron	0.134		mg/L	0.022	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:10	ALD
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:10	ALD
7439-95-4	Magnesium	20.4		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:10	ALD
7439-96-5	Manganese	4.19		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:10	ALD
7440-02-0	Nickel	0.008		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:10	ALD
7440-09-7	Potassium	3.47		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:10	ALD
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:10	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:10	ALD
7440-23-5	Sodium	26.2		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:10	ALD
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:10	ALD
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:10	ALD
7440-66-6	Zinc	0.024		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/09/2015 15:46	10/10/2015 00:10	ALD

Metals, Target Analyte, Dissolved

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW07_10.6.15

York Sample ID: 15J0211-10

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 1:40 pm

Date Received
10/07/2015

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:36	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:36	ALD
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:36	ALD
7440-39-3	Barium	0.072		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:36	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:36	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:36	ALD
7440-70-2	Calcium	94.8		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:36	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:36	ALD
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:36	ALD
7440-50-8	Copper	0.005		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:36	ALD
7439-89-6	Iron	0.054		mg/L	0.022	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:36	ALD
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:36	ALD
7439-95-4	Magnesium	21.4		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:36	ALD
7439-96-5	Manganese	4.22		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:36	ALD
7440-02-0	Nickel	0.012	B	mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:36	ALD
7440-09-7	Potassium	3.52		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:36	ALD
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:36	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:36	ALD
7440-23-5	Sodium	26.8		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:36	ALD
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:36	ALD
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:36	ALD
7440-66-6	Zinc	0.026		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 14:24	10/14/2015 01:36	ALD

Mercury by 7473

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW07_10.6.15

York Sample ID: 15J0211-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15J0211

140115301

Water

October 6, 2015 1:40 pm

10/07/2015

Sample Prepared by Method: EPA 7473 water

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	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2015 10:05	10/09/2015 12:20	ALD

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2015 10:05	10/09/2015 12:20	ALD

Sample Information

Client Sample ID: MW19_10.6.15

York Sample ID: 15J0211-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15J0211

140115301

Water

October 6, 2015 4:00 pm

10/07/2015

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
95-63-6	1,2,4-Trimethylbenzene	2000		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 18:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS



Sample Information

Client Sample ID: MW19_10.6.15

York Sample ID: 15J0211-11

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 4:00 pm

Date Received
10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
108-67-8	1,3,5-Trimethylbenzene	1800		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 18:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
123-91-1	1,4-Dioxane	ND		ug/L	200	400	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
78-93-3	2-Butanone	18		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
591-78-6	2-Hexanone	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
67-64-1	Acetone	36	B	ug/L	5.0	10	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
107-02-8	Acrolein	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
107-13-1	Acrylonitrile	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
71-43-2	Benzene	1200		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 18:39	SS
74-97-5	Bromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
75-27-4	Bromodichloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
75-25-2	Bromoform	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
74-83-9	Bromomethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
75-15-0	Carbon disulfide	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
108-90-7	Chlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
75-00-3	Chloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS



Sample Information

Client Sample ID: MW19_10.6.15

York Sample ID: 15J0211-11

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 4:00 pm

Date Received
10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
74-87-3	Chloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
110-82-7	Cyclohexane	240		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
124-48-1	Dibromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
74-95-3	Dibromomethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
100-41-4	Ethyl Benzene	2600		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 18:39	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
98-82-8	Isopropylbenzene	99		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
79-20-9	Methyl acetate	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
108-87-2	Methylcyclohexane	200		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
75-09-2	Methylene chloride	ND		ug/L	5.0	10	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
104-51-8	n-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
103-65-1	n-Propylbenzene	220		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
95-47-6	o-Xylene	4900		ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854	10/13/2015 08:10	10/13/2015 18:39	SS
179601-23-1	p- & m- Xylenes	9800		ug/L	25	50	50	EPA 8260C Certifications: NELAC-NY10854	10/13/2015 08:10	10/13/2015 18:39	SS
99-87-6	p-Isopropyltoluene	6.8		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
135-98-8	sec-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
100-42-5	Styrene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	2.5	5.0	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS



Sample Information

Client Sample ID: MW19_10.6.15

York Sample ID: 15J0211-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15J0211

140115301

Water

October 6, 2015 4:00 pm

10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
127-18-4	Tetrachloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
108-88-3	Toluene	19000	E	ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 18:39	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
79-01-6	Trichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
75-01-4	Vinyl Chloride	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/13/2015 08:10	10/13/2015 19:14	SS
1330-20-7	* Xylenes, Total	15000		ug/L	30	75	50	EPA 8260C Certifications: CTDOH,NJDEP	10/13/2015 08:10	10/13/2015 18:39	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %	69-130								
2037-26-5	Surrogate: Toluene-d8	104 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	94.7 %	79-122								

Sample Information

Client Sample ID: MW08_10.6.15

York Sample ID: 15J0211-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15J0211

140115301

Water

October 6, 2015 4:00 pm

10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	10/12/2015 15:01	10/13/2015 00:32	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	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	10/12/2015 15:01	10/13/2015 00:32	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS



Sample Information

Client Sample ID: MW08_10.6.15

York Sample ID: 15J0211-12

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 4:00 pm

Date Received

10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
95-63-6	1,2,4-Trimethylbenzene	910		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 19:49	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
108-67-8	1,3,5-Trimethylbenzene	260		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 19:49	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
78-93-3	2-Butanone	4.4	CCV-E	ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
71-43-2	Benzene	20		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS



Sample Information

Client Sample ID: MW08_10.6.15

York Sample ID: 15J0211-12

York Project (SDG) No.
15J0211

Client Project ID
140115301

Matrix
Water

Collection Date/Time
October 6, 2015 4:00 pm

Date Received
10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
75-15-0	Carbon disulfide	0.29	B, J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
110-82-7	Cyclohexane	69		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
100-41-4	Ethyl Benzene	450		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 19:49	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
98-82-8	Isopropylbenzene	65		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	2.7		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
108-87-2	Methylcyclohexane	91		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS



Sample Information

Client Sample ID: MW08_10.6.15

York Sample ID: 15J0211-12

York Project (SDG) No.

15J0211

Client Project ID

140115301

Matrix

Water

Collection Date/Time

October 6, 2015 4:00 pm

Date Received

10/07/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	130		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
95-47-6	o-Xylene	73		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	10/12/2015 15:01	10/13/2015 00:32	SS
179601-23-1	p- & m- Xylenes	1300		ug/L	10	20	20	EPA 8260C Certifications: NELAC-NY10854	10/12/2015 15:01	10/13/2015 19:49	SS
99-87-6	p-Isopropyltoluene	4.3		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
135-98-8	sec-Butylbenzene	7.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
75-65-0	tert-Butyl alcohol (TBA)	7.1	CCV-E, SCAL-E	ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
108-88-3	Toluene	23		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/12/2015 15:01	10/13/2015 00:32	SS
1330-20-7	* Xylenes, Total	1500		ug/L	12	30	20	EPA 8260C Certifications: CTDOH,NJDEP	10/12/2015 15:01	10/13/2015 19:49	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	66.5 %	S-08	69-130							
2037-26-5	Surrogate: Toluene-d8	103 %		81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	108 %		79-122							



Sample Information

Client Sample ID: MW29_10.6.15

York Sample ID: 15J0211-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15J0211

140115301

Oil

October 6, 2015 3:45 pm

10/07/2015

Petroleum Identification

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Oil Preparation for GC

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Petroleum Identification		Pattern resembles weathered Fuel Oil No. 2/Diesel		ID only			1	EPA 8015D Certifications:	10/12/2015 10:15	10/13/2015 14:27	AMC



Analytical Batch Summary

Batch ID: BJ50373

Preparation Method: EPA 7473 water

Prepared By: ALD

YORK Sample ID	Client Sample ID	Preparation Date
15J0211-02	GWFB01_10.6.15	10/08/15
15J0211-04	GW01_10.6.15	10/08/15
15J0211-05	MW16_10.6.15	10/08/15
15J0211-06	MW15_10.6.15	10/08/15
15J0211-07	MW13_10.6.15	10/08/15
15J0211-08	MW17_10.6.15	10/08/15
15J0211-09	MW11_10.6.15	10/08/15
15J0211-10	MW07_10.6.15	10/08/15
BJ50373-BLK1	Blank	10/08/15
BJ50373-DUP1	Duplicate	10/08/15
BJ50373-MS1	Matrix Spike	10/08/15
BJ50373-SRM1	Reference	10/08/15

Batch ID: BJ50492

Preparation Method: EPA 3015A

Prepared By: ALD

YORK Sample ID	Client Sample ID	Preparation Date
15J0211-02	GWFB01_10.6.15	10/09/15
15J0211-04	GW01_10.6.15	10/09/15
15J0211-05	MW16_10.6.15	10/09/15
15J0211-06	MW15_10.6.15	10/09/15
15J0211-07	MW13_10.6.15	10/09/15
15J0211-08	MW17_10.6.15	10/09/15
15J0211-09	MW11_10.6.15	10/09/15
15J0211-10	MW07_10.6.15	10/09/15
BJ50492-BLK1	Blank	10/09/15
BJ50492-DUP1	Duplicate	10/09/15
BJ50492-MS1	Matrix Spike	10/09/15
BJ50492-SRM1	Reference	10/09/15

Batch ID: BJ50511

Preparation Method: EPA 3510C

Prepared By: KAT

YORK Sample ID	Client Sample ID	Preparation Date
15J0211-02	GWFB01_10.6.15	10/12/15
15J0211-04	GW01_10.6.15	10/12/15
15J0211-05	MW16_10.6.15	10/12/15
15J0211-06	MW15_10.6.15	10/12/15
15J0211-07	MW13_10.6.15	10/12/15
15J0211-08	MW17_10.6.15	10/12/15
15J0211-09	MW11_10.6.15	10/12/15
15J0211-10	MW07_10.6.15	10/12/15
BJ50511-BLK1	Blank	10/12/15
BJ50511-BS1	LCS	10/12/15
BJ50511-BS2	LCS	10/12/15
BJ50511-MS1	Matrix Spike	10/12/15
BJ50511-MSD1	Matrix Spike Dup	10/12/15



Batch ID: BJ50524 **Preparation Method:** EPA 5030B **Prepared By:** OW

YORK Sample ID	Client Sample ID	Preparation Date
15J0211-01	GWTB01_10.6.15	10/12/15
15J0211-02	GWFB01_10.6.15	10/12/15
15J0211-03	GWDUP01_10.6.15	10/12/15
15J0211-05	MW16_10.6.15	10/12/15
15J0211-06	MW15_10.6.15	10/12/15
15J0211-07	MW13_10.6.15	10/12/15
BJ50524-BLK1	Blank	10/12/15
BJ50524-BS1	LCS	10/12/15
BJ50524-BSD1	LCS Dup	10/12/15
BJ50524-MS1	Matrix Spike	10/12/15
BJ50524-MSD1	Matrix Spike Dup	10/12/15

Batch ID: BJ50535 **Preparation Method:** Oil Preparation for GC **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
15J0211-13	MW29_10.6.15	10/12/15

Batch ID: BJ50552 **Preparation Method:** EPA 5030B **Prepared By:** OW

YORK Sample ID	Client Sample ID	Preparation Date
15J0211-08	MW17_10.6.15	10/12/15
15J0211-09	MW11_10.6.15	10/12/15
15J0211-10	MW07_10.6.15	10/12/15
15J0211-12	MW08_10.6.15	10/12/15
BJ50552-BLK1	Blank	10/12/15
BJ50552-BS1	LCS	10/12/15
BJ50552-BSD1	LCS Dup	10/12/15

Batch ID: BJ50605 **Preparation Method:** EPA 5030B **Prepared By:** OW

YORK Sample ID	Client Sample ID	Preparation Date
15J0211-03RE1	GWDUP01_10.6.15	10/13/15
15J0211-04	GW01_10.6.15	10/13/15
15J0211-05RE1	MW16_10.6.15	10/13/15
15J0211-11	MW19_10.6.15	10/13/15
15J0211-11RE1	MW19_10.6.15	10/13/15
15J0211-12RE1	MW08_10.6.15	10/13/15
BJ50605-BLK1	Blank	10/13/15
BJ50605-BS1	LCS	10/13/15
BJ50605-BSD1	LCS Dup	10/13/15
BJ50605-MS1	Matrix Spike	10/13/15
BJ50605-MSD1	Matrix Spike Dup	10/13/15

Batch ID: BJ50632 **Preparation Method:** EPA 3015A **Prepared By:** ALD



YORK Sample ID	Client Sample ID	Preparation Date
15J0211-02	GWFB01_10.6.15	10/13/15
15J0211-04	GW01_10.6.15	10/13/15
15J0211-05	MW16_10.6.15	10/13/15
15J0211-06	MW15_10.6.15	10/13/15
15J0211-07	MW13_10.6.15	10/13/15
15J0211-08	MW17_10.6.15	10/13/15
15J0211-09	MW11_10.6.15	10/13/15
15J0211-10	MW07_10.6.15	10/13/15
BJ50632-BLK1	Blank	10/13/15
BJ50632-DUP1	Duplicate	10/13/15
BJ50632-MS1	Matrix Spike	10/13/15
BJ50632-SRM1	Reference	10/13/15



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
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Batch BJ50524 - EPA 5030B

Blank (BJ50524-BLK1)

Prepared & Analyzed: 10/12/2015

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	2.0	"
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	0.36	0.50	"
Carbon disulfide	0.43	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
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Batch BJ50524 - EPA 5030B

Blank (BJ50524-BLK1)

Prepared & Analyzed: 10/12/2015

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	9.40	"	10.0	94.0	69-130
Surrogate: Toluene-d8	10.3	"	10.0	103	81-117
Surrogate: p-Bromofluorobenzene	12.5	"	10.0	125	79-122

LCS (BJ50524-BS1)

Prepared & Analyzed: 10/12/2015

1,1,1,2-Tetrachloroethane	9.1	ug/L	10.0	90.7	82-126	High Bias
1,1,1-Trichloroethane	9.8	"	10.0	98.2	78-136	
1,1,2,2-Tetrachloroethane	11	"	10.0	109	76-129	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.4	"	10.0	93.8	54-165	
1,1,2-Trichloroethane	10	"	10.0	102	82-123	
1,1-Dichloroethane	9.9	"	10.0	99.2	82-129	
1,1-Dichloroethylene	9.4	"	10.0	94.1	68-138	
1,2,3-Trichlorobenzene	10	"	10.0	103	76-136	
1,2,3-Trichloropropane	11	"	10.0	105	77-128	
1,2,4-Trichlorobenzene	11	"	10.0	110	76-137	
1,2,4-Trimethylbenzene	11	"	10.0	113	82-132	
1,2-Dibromo-3-chloropropane	11	"	10.0	110	45-147	
1,2-Dibromoethane	10	"	10.0	104	83-124	
1,2-Dichlorobenzene	9.8	"	10.0	98.3	79-123	
1,2-Dichloroethane	9.9	"	10.0	99.3	73-132	
1,2-Dichloropropane	10	"	10.0	102	78-126	
1,3,5-Trimethylbenzene	11	"	10.0	112	80-131	
1,3-Dichlorobenzene	10	"	10.0	102	86-122	
1,4-Dichlorobenzene	10	"	10.0	103	85-124	
1,4-Dioxane	780	"	200	392	10-349	
2-Butanone	10	"	10.0	101	49-152	
2-Hexanone	11	"	10.0	113	51-146	
4-Methyl-2-pentanone	6.3	"	10.0	63.0	57-145	
Acetone	7.9	"	10.0	78.8	14-150	
Acrolein	8.7	"	10.0	86.8	10-153	
Acrylonitrile	8.3	"	10.0	83.1	51-150	
Benzene	10	"	10.0	101	85-126	
Bromochloromethane	9.8	"	10.0	98.3	77-128	
Bromodichloromethane	10	"	10.0	103	79-128	
Bromoform	9.5	"	10.0	95.1	78-133	
Bromomethane	7.8	"	10.0	77.6	43-168	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ50524 - EPA 5030B

LCS (BJ50524-BS1)

Prepared & Analyzed: 10/12/2015

Carbon disulfide	11		ug/L	10.0		106	68-146				
Carbon tetrachloride	9.2		"	10.0		91.7	77-141				
Chlorobenzene	9.6		"	10.0		96.3	88-120				
Chloroethane	9.6		"	10.0		96.5	65-136				
Chloroform	10		"	10.0		99.7	82-128				
Chloromethane	7.8		"	10.0		78.5	43-155				
cis-1,2-Dichloroethylene	10		"	10.0		103	83-129				
cis-1,3-Dichloropropylene	11		"	10.0		106	80-131				
Cyclohexane	11		"	10.0		106	63-149				
Dibromochloromethane	9.7		"	10.0		96.9	80-130				
Dibromomethane	11		"	10.0		108	72-134				
Dichlorodifluoromethane	12		"	10.0		122	44-144				
Ethyl Benzene	11		"	10.0		106	80-131				
Hexachlorobutadiene	11		"	10.0		106	67-146				
Isopropylbenzene	12		"	10.0		116	76-140				
Methyl acetate	9.2		"	10.0		92.2	51-139				
Methyl tert-butyl ether (MTBE)	9.3		"	10.0		93.0	76-135				
Methylcyclohexane	11		"	10.0		114	72-143				
Methylene chloride	8.3		"	10.0		83.0	55-137				
n-Butylbenzene	11		"	10.0		113	79-132				
n-Propylbenzene	12		"	10.0		117	78-133				
o-Xylene	11		"	10.0		107	78-130				
p- & m- Xylenes	21		"	20.0		107	77-133				
p-Isopropyltoluene	11		"	10.0		108	81-136				
sec-Butylbenzene	11		"	10.0		114	79-137				
Styrene	11		"	10.0		111	67-132				
tert-Butyl alcohol (TBA)	6.2		"	10.0		62.0	25-162				
tert-Butylbenzene	11		"	10.0		108	77-138				
Tetrachloroethylene	9.9		"	10.0		99.4	82-131				
Toluene	10		"	10.0		102	80-127				
trans-1,2-Dichloroethylene	9.0		"	10.0		90.4	80-132				
trans-1,3-Dichloropropylene	10		"	10.0		101	78-131				
Trichloroethylene	10		"	10.0		102	82-128				
Trichlorofluoromethane	9.6		"	10.0		96.4	67-139				
Vinyl Chloride	10		"	10.0		100	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.84</i>		<i>"</i>	<i>10.0</i>		<i>98.4</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>11.8</i>		<i>"</i>	<i>10.0</i>		<i>118</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 BJ50524 - EPA 5030B											
LCS Dup (BJ50524-BSD1)						Prepared & Analyzed: 10/12/2015					
1,1,1,2-Tetrachloroethane	9.3		ug/L	10.0		92.8	82-126		2.29	30	
1,1,1-Trichloroethane	9.8		"	10.0		98.5	78-136		0.305	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		114	76-129		4.31	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.2		"	10.0		92.4	54-165		1.50	30	
1,1,2-Trichloroethane	10		"	10.0		103	82-123		0.878	30	
1,1-Dichloroethane	9.9		"	10.0		98.8	82-129		0.404	30	
1,1-Dichloroethylene	9.5		"	10.0		95.2	68-138		1.16	30	
1,2,3-Trichlorobenzene	10		"	10.0		104	76-136		0.386	30	
1,2,3-Trichloropropane	10		"	10.0		101	77-128		3.78	30	
1,2,4-Trichlorobenzene	11		"	10.0		110	76-137		0.909	30	
1,2,4-Trimethylbenzene	12		"	10.0		119	82-132		5.35	30	
1,2-Dibromo-3-chloropropane	11		"	10.0		106	45-147		3.72	30	
1,2-Dibromoethane	10		"	10.0		103	83-124		0.772	30	
1,2-Dichlorobenzene	10		"	10.0		104	79-123		5.25	30	
1,2-Dichloroethane	9.9		"	10.0		99.2	73-132		0.101	30	
1,2-Dichloropropane	11		"	10.0		107	78-126		5.55	30	
1,3,5-Trimethylbenzene	12		"	10.0		117	80-131		4.62	30	
1,3-Dichlorobenzene	11		"	10.0		107	86-122		4.70	30	
1,4-Dichlorobenzene	11		"	10.0		107	85-124		4.20	30	
1,4-Dioxane	730		"	200		363	10-349	High Bias	7.67	30	
2-Butanone	9.3		"	10.0		93.3	49-152		7.93	30	
2-Hexanone	11		"	10.0		108	51-146		4.35	30	
4-Methyl-2-pentanone	6.2		"	10.0		62.2	57-145		1.28	30	
Acetone	7.9		"	10.0		79.2	14-150		0.506	30	
Acrolein	8.8		"	10.0		88.4	10-153		1.83	30	
Acrylonitrile	7.6		"	10.0		76.4	51-150		8.40	30	
Benzene	10		"	10.0		102	85-126		0.493	30	
Bromochloromethane	10		"	10.0		100	77-128		2.01	30	
Bromodichloromethane	11		"	10.0		107	79-128		3.80	30	
Bromoform	9.7		"	10.0		97.1	78-133		2.08	30	
Bromomethane	7.9		"	10.0		79.4	43-168		2.29	30	
Carbon disulfide	10		"	10.0		104	68-146		1.90	30	
Carbon tetrachloride	9.2		"	10.0		91.9	77-141		0.218	30	
Chlorobenzene	9.9		"	10.0		98.9	88-120		2.66	30	
Chloroethane	9.4		"	10.0		93.5	65-136		3.16	30	
Chloroform	10		"	10.0		100	82-128		0.799	30	
Chloromethane	7.8		"	10.0		78.0	43-155		0.639	30	
cis-1,2-Dichloroethylene	10		"	10.0		105	83-129		1.25	30	
cis-1,3-Dichloropropylene	11		"	10.0		110	80-131		3.70	30	
Cyclohexane	11		"	10.0		106	63-149		0.0940	30	
Dibromochloromethane	9.8		"	10.0		97.9	80-130		1.03	30	
Dibromomethane	11		"	10.0		110	72-134		2.29	30	
Dichlorodifluoromethane	12		"	10.0		120	44-144		1.49	30	
Ethyl Benzene	11		"	10.0		110	80-131		2.96	30	
Hexachlorobutadiene	11		"	10.0		106	67-146		0.378	30	
Isopropylbenzene	12		"	10.0		122	76-140		4.61	30	
Methyl acetate	9.1		"	10.0		91.0	51-139		1.31	30	
Methyl tert-butyl ether (MTBE)	8.9		"	10.0		89.0	76-135		4.40	30	
Methylcyclohexane	11		"	10.0		115	72-143		0.524	30	
Methylene chloride	8.4		"	10.0		84.2	55-137		1.44	30	
n-Butylbenzene	12		"	10.0		118	79-132		4.33	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ50524 - EPA 5030B

LCS Dup (BJ50524-BSD1)

Prepared & Analyzed: 10/12/2015

n-Propylbenzene	12		ug/L	10.0		122	78-133		4.69	30	
o-Xylene	11		"	10.0		110	78-130		2.87	30	
p- & m- Xylenes	22		"	20.0		110	77-133		2.72	30	
p-Isopropyltoluene	11		"	10.0		112	81-136		4.19	30	
sec-Butylbenzene	12		"	10.0		120	79-137		4.71	30	
Styrene	11		"	10.0		113	67-132		1.25	30	
tert-Butyl alcohol (TBA)	6.3		"	10.0		63.0	25-162		1.60	30	
tert-Butylbenzene	11		"	10.0		113	77-138		5.08	30	
Tetrachloroethylene	10		"	10.0		101	82-131		1.60	30	
Toluene	11		"	10.0		106	80-127		2.98	30	
trans-1,2-Dichloroethylene	9.2		"	10.0		91.8	80-132		1.54	30	
trans-1,3-Dichloropropylene	10		"	10.0		104	78-131		3.12	30	
Trichloroethylene	11		"	10.0		105	82-128		3.19	30	
Trichlorofluoromethane	9.6		"	10.0		96.5	67-139		0.104	30	
Vinyl Chloride	9.8		"	10.0		98.4	58-145		2.01	30	
Surrogate: 1,2-Dichloroethane-d4	9.44		"	10.0		94.4	69-130				
Surrogate: Toluene-d8	10.2		"	10.0		102	81-117				
Surrogate: p-Bromofluorobenzene	11.8		"	10.0		118	79-122				

Matrix Spike (BJ50524-MS1)

*Source sample: 15J0211-04 (GW01_10.6.15)

Prepared & Analyzed: 10/12/2015

1,1,1,2-Tetrachloroethane	9.0		ug/L	10.0	ND	90.1	45-161				
1,1,1-Trichloroethane	9.6		"	10.0	ND	96.2	70-146				
1,1,2,2-Tetrachloroethane	11		"	10.0	ND	110	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.4		"	10.0	ND	73.8	21-217				
1,1,2-Trichloroethane	10		"	10.0	ND	102	59-146				
1,1-Dichloroethane	9.7		"	10.0	ND	97.4	54-146				
1,1-Dichloroethylene	9.1		"	10.0	ND	90.6	44-165				
1,2,3-Trichlorobenzene	8.8		"	10.0	ND	88.4	40-161				
1,2,3-Trichloropropane	10		"	10.0	ND	101	74-127				
1,2,4-Trichlorobenzene	9.2		"	10.0	ND	92.1	41-161				
1,2,4-Trimethylbenzene	11		"	10.0	ND	110	72-129				
1,2-Dibromo-3-chloropropane	9.0		"	10.0	ND	90.1	31-151				
1,2-Dibromoethane	9.9		"	10.0	ND	98.8	75-125				
1,2-Dichlorobenzene	9.6		"	10.0	ND	95.6	63-122				
1,2-Dichloroethane	9.8		"	10.0	ND	97.6	68-131				
1,2-Dichloropropane	10		"	10.0	ND	101	77-121				
1,3,5-Trimethylbenzene	11		"	10.0	ND	108	69-126				
1,3-Dichlorobenzene	9.4		"	10.0	ND	93.5	74-119				
1,4-Dichlorobenzene	9.6		"	10.0	ND	96.4	70-124				
1,4-Dioxane	550		"	200	ND	275	10-310				
2-Butanone	9.3		"	10.0	ND	93.4	10-193				
2-Hexanone	11		"	10.0	ND	108	53-133				
4-Methyl-2-pentanone	6.1		"	10.0	ND	61.4	38-150				
Acetone	7.7		"	10.0	5.2	25.4	13-149				
Acrolein	10		"	10.0	ND	100	10-195				
Acrylonitrile	38		"	10.0	ND	380	37-165	High Bias			
Benzene	10		"	10.0	ND	99.8	38-155				
Bromochloromethane	9.7		"	10.0	ND	97.0	75-121				
Bromodichloromethane	10		"	10.0	ND	102	70-129				
Bromoform	9.2		"	10.0	ND	92.2	66-136				
Bromomethane	5.3		"	10.0	ND	53.0	30-158				
Carbon disulfide	9.5		"	10.0	ND	94.9	10-138				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ50524 - EPA 5030B

Matrix Spike (BJ50524-MS1)	*Source sample: 15J0211-04 (GW01_10.6.15)						Prepared & Analyzed: 10/12/2015				
Carbon tetrachloride	8.8		ug/L	10.0	ND	87.5	71-146				
Chlorobenzene	9.3		"	10.0	ND	93.1	81-117				
Chloroethane	8.5		"	10.0	ND	85.0	51-145				
Chloroform	9.9		"	10.0	ND	98.9	80-124				
Chloromethane	5.8		"	10.0	ND	58.1	16-163				
cis-1,2-Dichloroethylene	10		"	10.0	ND	103	76-125				
cis-1,3-Dichloropropylene	10		"	10.0	ND	102	58-131				
Cyclohexane	8.9		"	10.0	ND	89.3	70-130				
Dibromochloromethane	9.6		"	10.0	ND	95.5	71-129				
Dibromomethane	11		"	10.0	ND	107	76-120				
Dichlorodifluoromethane	7.5		"	10.0	ND	74.9	30-147				
Ethyl Benzene	10		"	10.0	ND	102	72-128				
Hexachlorobutadiene	9.1		"	10.0	ND	91.4	34-166				
Isopropylbenzene	11		"	10.0	ND	114	66-139				
Methyl acetate	0.0		"	10.0	ND		10-200				Low Bias
Methyl tert-butyl ether (MTBE)	250		"	10.0	230	265	75-128				High Bias
Methylcyclohexane	8.9		"	10.0	ND	89.2	70-130				
Methylene chloride	8.1		"	10.0	ND	80.9	57-128				
n-Butylbenzene	9.8		"	10.0	ND	98.0	61-138				
n-Propylbenzene	11		"	10.0	ND	110	66-134				
o-Xylene	10		"	10.0	ND	104	69-126				
p- & m- Xylenes	20		"	20.0	ND	101	67-130				
p-Isopropyltoluene	9.9		"	10.0	ND	98.9	64-137				
sec-Butylbenzene	11		"	10.0	ND	108	53-155				
Styrene	11		"	10.0	ND	106	69-125				
tert-Butyl alcohol (TBA)	81		"	10.0	9.6	713	10-130				High Bias
tert-Butylbenzene	11		"	10.0	ND	107	65-139				
Tetrachloroethylene	9.0		"	10.0	ND	90.0	64-139				
Toluene	10		"	10.0	ND	100	76-123				
trans-1,2-Dichloroethylene	9.1		"	10.0	ND	90.9	79-131				
trans-1,3-Dichloropropylene	9.6		"	10.0	ND	95.9	55-130				
Trichloroethylene	9.9		"	10.0	ND	98.8	53-145				
Trichlorofluoromethane	8.3		"	10.0	ND	82.9	61-142				
Vinyl Chloride	8.4		"	10.0	ND	83.6	31-165				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.48</i>		<i>"</i>	<i>10.0</i>		<i>94.8</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>11.8</i>		<i>"</i>	<i>10.0</i>		<i>118</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 BJ50524 - EPA 5030B											
Matrix Spike Dup (BJ50524-MSD1)	*Source sample: 15J0211-04 (GW01_10.6.15)						Prepared & Analyzed: 10/12/2015				
1,1,1,2-Tetrachloroethane	9.6		ug/L	10.0	ND	96.1	45-161		6.44	30	
1,1,1-Trichloroethane	10		"	10.0	ND	101	70-146		4.77	30	
1,1,2,2-Tetrachloroethane	11		"	10.0	ND	115	74-121		3.82	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.8		"	10.0	ND	78.4	21-217		6.04	30	
1,1,2-Trichloroethane	11		"	10.0	ND	106	59-146		3.66	30	
1,1-Dichloroethane	10		"	10.0	ND	101	54-146		4.02	30	
1,1-Dichloroethylene	9.5		"	10.0	ND	95.1	44-165		4.85	30	
1,2,3-Trichlorobenzene	10		"	10.0	ND	100	40-161		12.3	30	
1,2,3-Trichloropropane	10		"	10.0	ND	104	74-127		2.44	30	
1,2,4-Trichlorobenzene	10		"	10.0	ND	99.7	41-161		7.92	30	
1,2,4-Trimethylbenzene	12		"	10.0	ND	116	72-129		5.33	30	
1,2-Dibromo-3-chloropropane	11		"	10.0	ND	106	31-151		16.0	30	
1,2-Dibromoethane	10		"	10.0	ND	104	75-125		4.74	30	
1,2-Dichlorobenzene	10		"	10.0	ND	100	63-122		4.80	30	
1,2-Dichloroethane	9.8		"	10.0	ND	98.4	68-131		0.816	30	
1,2-Dichloropropane	11		"	10.0	ND	106	77-121		5.40	30	
1,3,5-Trimethylbenzene	11		"	10.0	ND	113	69-126		4.71	30	
1,3-Dichlorobenzene	10		"	10.0	ND	101	74-119		7.32	30	
1,4-Dichlorobenzene	10		"	10.0	ND	102	70-124		5.94	30	
1,4-Dioxane	500		"	200	ND	250	10-310		9.47	30	
2-Butanone	9.9		"	10.0	ND	99.3	10-193		6.12	30	
2-Hexanone	11		"	10.0	ND	107	53-133		0.838	30	
4-Methyl-2-pentanone	6.2		"	10.0	ND	62.0	38-150		0.972	30	
Acetone	6.8		"	10.0	5.2	17.0	13-149		11.6	30	
Acrolein	11		"	10.0	ND	110	10-195		9.68	30	
Acrylonitrile	31		"	10.0	ND	308	37-165	High Bias	21.1	30	
Benzene	10		"	10.0	ND	103	38-155		3.45	30	
Bromochloromethane	9.8		"	10.0	ND	98.4	75-121		1.43	30	
Bromodichloromethane	11		"	10.0	ND	109	70-129		6.34	30	
Bromoform	9.7		"	10.0	ND	97.4	66-136		5.49	30	
Bromomethane	6.7		"	10.0	ND	67.1	30-158		23.5	30	
Carbon disulfide	9.9		"	10.0	ND	99.1	10-138		4.33	30	
Carbon tetrachloride	9.2		"	10.0	ND	92.4	71-146		5.45	30	
Chlorobenzene	9.9		"	10.0	ND	98.9	81-117		6.04	30	
Chloroethane	8.8		"	10.0	ND	88.4	51-145		3.92	30	
Chloroform	10		"	10.0	ND	102	80-124		3.57	30	
Chloromethane	6.3		"	10.0	ND	63.4	16-163		8.72	30	
cis-1,2-Dichloroethylene	11		"	10.0	ND	106	76-125		3.34	30	
cis-1,3-Dichloropropylene	11		"	10.0	ND	108	58-131		5.23	30	
Cyclohexane	9.7		"	10.0	ND	96.6	70-130		7.85	30	
Dibromochloromethane	10		"	10.0	ND	100	71-129		4.70	30	
Dibromomethane	11		"	10.0	ND	109	76-120		1.94	30	
Dichlorodifluoromethane	8.4		"	10.0	ND	83.6	30-147		11.0	30	
Ethyl Benzene	11		"	10.0	ND	109	72-128		6.71	30	
Hexachlorobutadiene	9.8		"	10.0	ND	98.4	34-166		7.38	30	
Isopropylbenzene	12		"	10.0	ND	120	66-139		5.04	30	
Methyl acetate	0.0		"	10.0	ND		10-200	Low Bias		30	
Methyl tert-butyl ether (MTBE)	250		"	10.0	230	232	75-128	High Bias	1.32	30	
Methylcyclohexane	9.9		"	10.0	ND	98.7	70-130		10.1	30	
Methylene chloride	8.2		"	10.0	ND	82.4	57-128		1.84	30	
n-Butylbenzene	11		"	10.0	ND	107	61-138		8.78	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
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Batch BJ50524 - EPA 5030B

Matrix Spike Dup (BJ50524-MSD1)		*Source sample: 15J0211-04 (GW01_10.6.15)					Prepared & Analyzed: 10/12/2015				
n-Propylbenzene	12		ug/L	10.0	ND	118	66-134		7.04	30	
o-Xylene	11		"	10.0	ND	109	69-126		5.35	30	
p- & m- Xylenes	22		"	20.0	ND	108	67-130		6.66	30	
p-Isopropyltoluene	11		"	10.0	ND	106	64-137		7.02	30	
sec-Butylbenzene	12		"	10.0	ND	116	53-155		6.60	30	
Styrene	11		"	10.0	ND	112	69-125		4.95	30	
tert-Butyl alcohol (TBA)	79		"	10.0	9.6	697	10-130	High Bias	1.96	30	
tert-Butylbenzene	11		"	10.0	ND	114	65-139		6.60	30	
Tetrachloroethylene	9.8		"	10.0	ND	98.2	64-139		8.71	30	
Toluene	11		"	10.0	ND	106	76-123		5.33	30	
trans-1,2-Dichloroethylene	9.4		"	10.0	ND	94.4	79-131		3.78	30	
trans-1,3-Dichloropropylene	10		"	10.0	ND	101	55-130		5.28	30	
Trichloroethylene	11		"	10.0	ND	105	53-145		6.37	30	
Trichlorofluoromethane	8.8		"	10.0	ND	88.5	61-142		6.53	30	
Vinyl Chloride	8.9		"	10.0	ND	88.6	31-165		5.81	30	
Surrogate: 1,2-Dichloroethane-d4	9.47		"	10.0		94.7	69-130				
Surrogate: Toluene-d8	10.2		"	10.0		102	81-117				
Surrogate: p-Bromofluorobenzene	11.6		"	10.0		116	79-122				

Batch BJ50552 - EPA 5030B

Blank (BJ50552-BLK1)		Prepared & Analyzed: 10/12/2015									
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	2.0	"								
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
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Batch BJ50552 - EPA 5030B

Blank (BJ50552-BLK1)

Prepared & Analyzed: 10/12/2015

Bromomethane	0.33	0.50	ug/L								
Carbon disulfide	0.41	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	9.89		"	10.0		98.9	69-130				
Surrogate: Toluene-d8	10.2		"	10.0		102	81-117				
Surrogate: p-Bromofluorobenzene	11.6		"	10.0		116	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 BJ50552 - EPA 5030B											
LCS (BJ50552-BS1)						Prepared & Analyzed: 10/12/2015					
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	11		"	10.0		114	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.9		"	10.0		98.8	54-165				
1,1,2-Trichloroethane	11		"	10.0		108	82-123				
1,1-Dichloroethane	10		"	10.0		105	82-129				
1,1-Dichloroethylene	10		"	10.0		100	68-138				
1,2,3-Trichlorobenzene	11		"	10.0		107	76-136				
1,2,3-Trichloropropane	11		"	10.0		107	77-128				
1,2,4-Trichlorobenzene	11		"	10.0		111	76-137				
1,2,4-Trimethylbenzene	12		"	10.0		118	82-132				
1,2-Dibromo-3-chloropropane	11		"	10.0		112	45-147				
1,2-Dibromoethane	10		"	10.0		105	83-124				
1,2-Dichlorobenzene	11		"	10.0		106	79-123				
1,2-Dichloroethane	10		"	10.0		105	73-132				
1,2-Dichloropropane	11		"	10.0		108	78-126				
1,3,5-Trimethylbenzene	12		"	10.0		115	80-131				
1,3-Dichlorobenzene	11		"	10.0		107	86-122				
1,4-Dichlorobenzene	11		"	10.0		108	85-124				
1,4-Dioxane	600		"	200		302	10-349				
2-Butanone	9.6		"	10.0		95.6	49-152				
2-Hexanone	12		"	10.0		116	51-146				
4-Methyl-2-pentanone	6.5		"	10.0		65.4	57-145				
Acetone	8.5		"	10.0		84.9	14-150				
Acrolein	11		"	10.0		112	10-153				
Acrylonitrile	8.6		"	10.0		86.1	51-150				
Benzene	11		"	10.0		106	85-126				
Bromochloromethane	10		"	10.0		102	77-128				
Bromodichloromethane	11		"	10.0		110	79-128				
Bromoform	10		"	10.0		102	78-133				
Bromomethane	8.1		"	10.0		80.9	43-168				
Carbon disulfide	11		"	10.0		112	68-146				
Carbon tetrachloride	9.6		"	10.0		95.8	77-141				
Chlorobenzene	10		"	10.0		101	88-120				
Chloroethane	9.8		"	10.0		98.4	65-136				
Chloroform	10		"	10.0		105	82-128				
Chloromethane	7.7		"	10.0		77.1	43-155				
cis-1,2-Dichloroethylene	11		"	10.0		109	83-129				
cis-1,3-Dichloropropylene	11		"	10.0		108	80-131				
Cyclohexane	11		"	10.0		107	63-149				
Dibromochloromethane	10		"	10.0		105	80-130				
Dibromomethane	11		"	10.0		114	72-134				
Dichlorodifluoromethane	12		"	10.0		119	44-144				
Ethyl Benzene	11		"	10.0		111	80-131				
Hexachlorobutadiene	11		"	10.0		106	67-146				
Isopropylbenzene	12		"	10.0		118	76-140				
Methyl acetate	9.3		"	10.0		93.2	51-139				
Methyl tert-butyl ether (MTBE)	9.9		"	10.0		98.7	76-135				
Methylcyclohexane	12		"	10.0		116	72-143				
Methylene chloride	9.4		"	10.0		94.2	55-137				
n-Butylbenzene	12		"	10.0		115	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 BJ50552 - EPA 5030B											
LCS (BJ50552-BS1)						Prepared & Analyzed: 10/12/2015					
n-Propylbenzene	12		ug/L	10.0		119	78-133				
o-Xylene	11		"	10.0		112	78-130				
p- & m- Xylenes	22		"	20.0		112	77-133				
p-Isopropyltoluene	11		"	10.0		112	81-136				
sec-Butylbenzene	12		"	10.0		116	79-137				
Styrene	12		"	10.0		116	67-132				
tert-Butyl alcohol (TBA)	6.6		"	10.0		66.3	25-162				
tert-Butylbenzene	11		"	10.0		111	77-138				
Tetrachloroethylene	10		"	10.0		102	82-131				
Toluene	11		"	10.0		106	80-127				
trans-1,2-Dichloroethylene	9.9		"	10.0		98.8	80-132				
trans-1,3-Dichloropropylene	10		"	10.0		104	78-131				
Trichloroethylene	11		"	10.0		107	82-128				
Trichlorofluoromethane	10		"	10.0		101	67-139				
Vinyl Chloride	10		"	10.0		99.8	58-145				
Surrogate: 1,2-Dichloroethane-d4	9.81		"	10.0		98.1	69-130				
Surrogate: Toluene-d8	10.4		"	10.0		104	81-117				
Surrogate: p-Bromofluorobenzene	11.5		"	10.0		115	79-122				
LCS Dup (BJ50552-BS1)						Prepared & Analyzed: 10/12/2015					
1,1,1,2-Tetrachloroethane	9.4		ug/L	10.0		94.4	82-126		3.64	30	
1,1,1-Trichloroethane	10		"	10.0		99.9	78-136		0.996	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		110	76-129		3.74	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.3		"	10.0		93.3	54-165		5.73	30	
1,1,2-Trichloroethane	11		"	10.0		106	82-123		1.50	30	
1,1-Dichloroethane	10		"	10.0		104	82-129		0.287	30	
1,1-Dichloroethylene	10		"	10.0		99.6	68-138		0.501	30	
1,2,3-Trichlorobenzene	10		"	10.0		101	76-136		5.66	30	
1,2,3-Trichloropropane	10		"	10.0		102	77-128		4.69	30	
1,2,4-Trichlorobenzene	10		"	10.0		102	76-137		7.60	30	
1,2,4-Trimethylbenzene	11		"	10.0		114	82-132		3.11	30	
1,2-Dibromo-3-chloropropane	11		"	10.0		108	45-147		3.80	30	
1,2-Dibromoethane	10		"	10.0		104	83-124		0.479	30	
1,2-Dichlorobenzene	10		"	10.0		99.7	79-123		5.75	30	
1,2-Dichloroethane	10		"	10.0		101	73-132		3.49	30	
1,2-Dichloropropane	11		"	10.0		107	78-126		0.372	30	
1,3,5-Trimethylbenzene	11		"	10.0		113	80-131		1.93	30	
1,3-Dichlorobenzene	10		"	10.0		103	86-122		4.39	30	
1,4-Dichlorobenzene	10		"	10.0		104	85-124		3.49	30	
1,4-Dioxane	420		"	200		211	10-349		35.4	30	Non-dir.
2-Butanone	9.3		"	10.0		93.2	49-152		2.54	30	
2-Hexanone	11		"	10.0		107	51-146		7.79	30	
4-Methyl-2-pentanone	6.3		"	10.0		63.4	57-145		3.11	30	
Acetone	8.3		"	10.0		83.2	14-150		2.02	30	
Acrolein	9.2		"	10.0		91.8	10-153		19.9	30	
Acrylonitrile	9.3		"	10.0		93.2	51-150		7.92	30	
Benzene	11		"	10.0		105	85-126		1.14	30	
Bromochloromethane	10		"	10.0		104	77-128		1.75	30	
Bromodichloromethane	11		"	10.0		109	79-128		0.820	30	
Bromoform	9.7		"	10.0		97.0	78-133		4.93	30	
Bromomethane	8.6		"	10.0		86.1	43-168		6.23	30	
Carbon disulfide	11		"	10.0		108	68-146		3.99	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
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Batch BJ50552 - EPA 5030B

LCS Dup (BJ50552-BSD1)

Prepared & Analyzed: 10/12/2015

Carbon tetrachloride	9.5		ug/L	10.0		95.1	77-141		0.733	30	
Chlorobenzene	10		"	10.0		99.6	88-120		1.30	30	
Chloroethane	9.5		"	10.0		95.2	65-136		3.31	30	
Chloroform	10		"	10.0		104	82-128		0.671	30	
Chloromethane	8.1		"	10.0		80.7	43-155		4.56	30	
cis-1,2-Dichloroethylene	11		"	10.0		107	83-129		1.94	30	
cis-1,3-Dichloropropylene	11		"	10.0		108	80-131		0.277	30	
Cyclohexane	11		"	10.0		106	63-149		0.656	30	
Dibromochloromethane	10		"	10.0		100	80-130		4.39	30	
Dibromomethane	11		"	10.0		111	72-134		3.37	30	
Dichlorodifluoromethane	11		"	10.0		115	44-144		3.84	30	
Ethyl Benzene	11		"	10.0		110	80-131		1.18	30	
Hexachlorobutadiene	10		"	10.0		103	67-146		3.15	30	
Isopropylbenzene	12		"	10.0		115	76-140		2.48	30	
Methyl acetate	8.9		"	10.0		89.0	51-139		4.61	30	
Methyl tert-butyl ether (MTBE)	9.4		"	10.0		93.6	76-135		5.30	30	
Methylcyclohexane	11		"	10.0		113	72-143		2.79	30	
Methylene chloride	9.0		"	10.0		90.5	55-137		4.01	30	
n-Butylbenzene	11		"	10.0		112	79-132		2.55	30	
n-Propylbenzene	12		"	10.0		118	78-133		1.18	30	
o-Xylene	11		"	10.0		110	78-130		2.61	30	
p- & m- Xylenes	22		"	20.0		110	77-133		1.75	30	
p-Isopropyltoluene	11		"	10.0		108	81-136		3.28	30	
sec-Butylbenzene	11		"	10.0		113	79-137		2.36	30	
Styrene	11		"	10.0		114	67-132		1.91	30	
tert-Butyl alcohol (TBA)	6.2		"	10.0		61.6	25-162		7.35	30	
tert-Butylbenzene	11		"	10.0		107	77-138		3.40	30	
Tetrachloroethylene	10		"	10.0		101	82-131		1.28	30	
Toluene	11		"	10.0		107	80-127		0.188	30	
trans-1,2-Dichloroethylene	9.7		"	10.0		97.3	80-132		1.53	30	
trans-1,3-Dichloropropylene	10		"	10.0		102	78-131		2.33	30	
Trichloroethylene	11		"	10.0		106	82-128		0.658	30	
Trichlorofluoromethane	9.8		"	10.0		97.7	67-139		3.52	30	
Vinyl Chloride	10		"	10.0		101	58-145		1.29	30	
Surrogate: 1,2-Dichloroethane-d4	9.80		"	10.0		98.0	69-130				
Surrogate: Toluene-d8	10.2		"	10.0		102	81-117				
Surrogate: p-Bromofluorobenzene	11.4		"	10.0		114	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ50605 - EPA 5030B

Blank (BJ50605-BLK1)

Prepared & Analyzed: 10/13/2015

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	1.3	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	0.29	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	0.36	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
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Batch BJ50605 - EPA 5030B

Blank (BJ50605-BLK1)

Prepared & Analyzed: 10/13/2015

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	"

<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.84</i>		<i>"</i>	<i>10.0</i>	<i>98.4</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>9.62</i>		<i>"</i>	<i>10.0</i>	<i>96.2</i>	<i>79-122</i>

LCS (BJ50605-BS1)

Prepared & Analyzed: 10/13/2015

1,1,1,2-Tetrachloroethane	11		ug/L	10.0	110	82-126
1,1,1-Trichloroethane	9.6		"	10.0	96.1	78-136
1,1,2,2-Tetrachloroethane	9.7		"	10.0	96.8	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0	109	54-165
1,1,2-Trichloroethane	10		"	10.0	104	82-123
1,1-Dichloroethane	12		"	10.0	120	82-129
1,1-Dichloroethylene	10		"	10.0	103	68-138
1,2,3-Trichlorobenzene	9.6		"	10.0	95.7	76-136
1,2,3-Trichloropropane	10		"	10.0	103	77-128
1,2,4-Trichlorobenzene	9.8		"	10.0	97.8	76-137
1,2,4-Trimethylbenzene	11		"	10.0	109	82-132
1,2-Dibromo-3-chloropropane	9.4		"	10.0	93.8	45-147
1,2-Dibromoethane	10		"	10.0	102	83-124
1,2-Dichlorobenzene	11		"	10.0	106	79-123
1,2-Dichloroethane	9.4		"	10.0	93.9	73-132
1,2-Dichloropropane	11		"	10.0	108	78-126
1,3,5-Trimethylbenzene	11		"	10.0	108	80-131
1,3-Dichlorobenzene	11		"	10.0	107	86-122
1,4-Dichlorobenzene	11		"	10.0	106	85-124
1,4-Dioxane	470		"	200	236	10-349
2-Butanone	12		"	10.0	117	49-152
2-Hexanone	8.9		"	10.0	89.0	51-146
4-Methyl-2-pentanone	5.6		"	10.0	56.1	57-145
Acetone	7.6		"	10.0	76.4	14-150
Acrolein	13		"	10.0	135	10-153
Acrylonitrile	13		"	10.0	125	51-150
Benzene	11		"	10.0	111	85-126
Bromochloromethane	10		"	10.0	102	77-128
Bromodichloromethane	11		"	10.0	112	79-128
Bromoform	11		"	10.0	110	78-133
Bromomethane	2.9		"	10.0	29.3	43-168

Low Bias

Low Bias



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ50605 - EPA 5030B

LCS (BJ50605-BS1)

Prepared & Analyzed: 10/13/2015

Carbon disulfide	12		ug/L	10.0		117	68-146				
Carbon tetrachloride	9.3		"	10.0		92.7	77-141				
Chlorobenzene	11		"	10.0		106	88-120				
Chloroethane	11		"	10.0		115	65-136				
Chloroform	11		"	10.0		110	82-128				
Chloromethane	8.2		"	10.0		81.5	43-155				
cis-1,2-Dichloroethylene	12		"	10.0		116	83-129				
cis-1,3-Dichloropropylene	9.6		"	10.0		95.9	80-131				
Cyclohexane	9.8		"	10.0		98.2	63-149				
Dibromochloromethane	11		"	10.0		110	80-130				
Dibromomethane	12		"	10.0		116	72-134				
Dichlorodifluoromethane	8.4		"	10.0		84.4	44-144				
Ethyl Benzene	11		"	10.0		109	80-131				
Hexachlorobutadiene	8.9		"	10.0		89.2	67-146				
Isopropylbenzene	10		"	10.0		103	76-140				
Methyl acetate	9.8		"	10.0		97.9	51-139				
Methyl tert-butyl ether (MTBE)	11		"	10.0		110	76-135				
Methylcyclohexane	14		"	10.0		140	72-143				
Methylene chloride	10		"	10.0		105	55-137				
n-Butylbenzene	11		"	10.0		106	79-132				
n-Propylbenzene	10		"	10.0		105	78-133				
o-Xylene	11		"	10.0		111	78-130				
p- & m- Xylenes	23		"	20.0		115	77-133				
p-Isopropyltoluene	11		"	10.0		108	81-136				
sec-Butylbenzene	10		"	10.0		105	79-137				
Styrene	12		"	10.0		117	67-132				
tert-Butyl alcohol (TBA)	11		"	10.0		109	25-162				
tert-Butylbenzene	10		"	10.0		103	77-138				
Tetrachloroethylene	12		"	10.0		117	82-131				
Toluene	11		"	10.0		108	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		115	80-132				
trans-1,3-Dichloropropylene	9.6		"	10.0		96.0	78-131				
Trichloroethylene	14		"	10.0		143	82-128	High Bias			
Trichlorofluoromethane	9.7		"	10.0		97.3	67-139				
Vinyl Chloride	6.9		"	10.0		68.9	58-145				
Surrogate: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: Toluene-d8	10.5		"	10.0		105	81-117				
Surrogate: p-Bromofluorobenzene	9.54		"	10.0		95.4	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50605 - EPA 5030B											
LCS Dup (BJ50605-BSD1)						Prepared & Analyzed: 10/13/2015					
1,1,1,2-Tetrachloroethane	12		ug/L	10.0		116	82-126		4.86	30	
1,1,1-Trichloroethane	10		"	10.0		100	78-136		4.18	30	
1,1,2,2-Tetrachloroethane	9.8		"	10.0		98.0	76-129		1.23	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		102	54-165		6.73	30	
1,1,2-Trichloroethane	10		"	10.0		105	82-123		0.191	30	
1,1-Dichloroethane	11		"	10.0		112	82-129		7.16	30	
1,1-Dichloroethylene	10		"	10.0		100	68-138		2.57	30	
1,2,3-Trichlorobenzene	9.8		"	10.0		98.5	76-136		2.88	30	
1,2,3-Trichloropropane	10		"	10.0		104	77-128		1.07	30	
1,2,4-Trichlorobenzene	10		"	10.0		102	76-137		3.91	30	
1,2,4-Trimethylbenzene	11		"	10.0		110	82-132		1.37	30	
1,2-Dibromo-3-chloropropane	9.8		"	10.0		98.5	45-147		4.89	30	
1,2-Dibromoethane	11		"	10.0		105	83-124		3.09	30	
1,2-Dichlorobenzene	11		"	10.0		106	79-123		0.567	30	
1,2-Dichloroethane	10		"	10.0		101	73-132		7.09	30	
1,2-Dichloropropane	11		"	10.0		109	78-126		0.554	30	
1,3,5-Trimethylbenzene	11		"	10.0		110	80-131		1.75	30	
1,3-Dichlorobenzene	11		"	10.0		110	86-122		2.94	30	
1,4-Dichlorobenzene	11		"	10.0		106	85-124		0.189	30	
1,4-Dioxane	520		"	200		260	10-349		9.98	30	
2-Butanone	7.7		"	10.0		77.0	49-152		41.6	30	Non-dir.
2-Hexanone	9.1		"	10.0		90.8	51-146		2.00	30	
4-Methyl-2-pentanone	2.8		"	10.0		28.4	57-145	Low Bias	65.6	30	Non-dir.
Acetone	6.9		"	10.0		68.8	14-150		10.5	30	
Acrolein	13		"	10.0		132	10-153		2.02	30	
Acrylonitrile	8.9		"	10.0		89.0	51-150		34.0	30	Non-dir.
Benzene	11		"	10.0		112	85-126		0.180	30	
Bromochloromethane	8.8		"	10.0		88.1	77-128		14.2	30	
Bromodichloromethane	11		"	10.0		113	79-128		0.802	30	
Bromoform	11		"	10.0		112	78-133		1.98	30	
Bromomethane	2.5		"	10.0		24.9	43-168	Low Bias	16.2	30	
Carbon disulfide	11		"	10.0		113	68-146		2.87	30	
Carbon tetrachloride	9.5		"	10.0		95.2	77-141		2.66	30	
Chlorobenzene	11		"	10.0		108	88-120		2.14	30	
Chloroethane	10		"	10.0		100	65-136		13.1	30	
Chloroform	9.7		"	10.0		97.4	82-128		11.9	30	
Chloromethane	7.6		"	10.0		76.1	43-155		6.85	30	
cis-1,2-Dichloroethylene	9.2		"	10.0		91.5	83-129		23.3	30	
cis-1,3-Dichloropropylene	9.7		"	10.0		97.4	80-131		1.55	30	
Cyclohexane	12		"	10.0		116	63-149		16.2	30	
Dibromochloromethane	11		"	10.0		110	80-130		0.454	30	
Dibromomethane	11		"	10.0		114	72-134		1.82	30	
Dichlorodifluoromethane	7.7		"	10.0		76.7	44-144		9.56	30	
Ethyl Benzene	11		"	10.0		111	80-131		2.09	30	
Hexachlorobutadiene	9.5		"	10.0		94.9	67-146		6.19	30	
Isopropylbenzene	11		"	10.0		106	76-140		2.96	30	
Methyl acetate	10		"	10.0		105	51-139		6.71	30	
Methyl tert-butyl ether (MTBE)	9.6		"	10.0		96.1	76-135		13.1	30	
Methylcyclohexane	11		"	10.0		109	72-143		24.7	30	
Methylene chloride	9.8		"	10.0		98.2	55-137		6.50	30	
n-Butylbenzene	11		"	10.0		108	79-132		1.59	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 BJ50605 - EPA 5030B											
LCS Dup (BJ50605-BSD1)				Prepared & Analyzed: 10/13/2015							
n-Propylbenzene	11		ug/L	10.0		106	78-133		1.70	30	
o-Xylene	11		"	10.0		113	78-130		2.14	30	
p- & m- Xylenes	23		"	20.0		116	77-133		1.04	30	
p-Isopropyltoluene	11		"	10.0		111	81-136		2.64	30	
sec-Butylbenzene	11		"	10.0		106	79-137		0.855	30	
Styrene	12		"	10.0		120	67-132		2.44	30	
tert-Butyl alcohol (TBA)	9.6		"	10.0		96.4	25-162		12.0	30	
tert-Butylbenzene	11		"	10.0		105	77-138		2.59	30	
Tetrachloroethylene	12		"	10.0		117	82-131		0.341	30	
Toluene	11		"	10.0		110	80-127		2.20	30	
trans-1,2-Dichloroethylene	9.6		"	10.0		96.4	80-132		17.4	30	
trans-1,3-Dichloropropylene	9.3		"	10.0		93.4	78-131		2.75	30	
Trichloroethylene	12		"	10.0		117	82-128		20.3	30	
Trichlorofluoromethane	9.0		"	10.0		89.7	67-139		8.13	30	
Vinyl Chloride	6.4		"	10.0		64.0	58-145		7.37	30	
Surrogate: 1,2-Dichloroethane-d4	9.72		"	10.0		97.2	69-130				
Surrogate: Toluene-d8	10.6		"	10.0		106	81-117				
Surrogate: p-Bromofluorobenzene	9.64		"	10.0		96.4	79-122				
Matrix Spike (BJ50605-MS1)	*Source sample: 15J0211-04 (GW01_10.6.15)						Prepared & Analyzed: 10/13/2015				
1,1,1,2-Tetrachloroethane	11		ug/L	10.0	ND	112	45-161				
1,1,1-Trichloroethane	10		"	10.0	ND	103	70-146				
1,1,2,2-Tetrachloroethane	9.4		"	10.0	ND	93.6	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0	ND	108	21-217				
1,1,2-Trichloroethane	10		"	10.0	ND	103	59-146				
1,1-Dichloroethane	11		"	10.0	ND	107	54-146				
1,1-Dichloroethylene	10		"	10.0	ND	104	44-165				
1,2,3-Trichlorobenzene	9.1		"	10.0	ND	91.4	40-161				
1,2,3-Trichloropropane	9.9		"	10.0	ND	99.3	74-127				
1,2,4-Trichlorobenzene	9.4		"	10.0	ND	93.5	41-161				
1,2,4-Trimethylbenzene	11		"	10.0	ND	108	72-129				
1,2-Dibromo-3-chloropropane	9.3		"	10.0	ND	92.6	31-151				
1,2-Dibromoethane	9.8		"	10.0	ND	98.4	75-125				
1,2-Dichlorobenzene	10		"	10.0	ND	102	63-122				
1,2-Dichloroethane	9.4		"	10.0	ND	93.7	68-131				
1,2-Dichloropropane	18		"	10.0	ND	181	77-121	High Bias			
1,3,5-Trimethylbenzene	11		"	10.0	ND	110	69-126				
1,3-Dichlorobenzene	11		"	10.0	ND	106	74-119				
1,4-Dichlorobenzene	10		"	10.0	ND	103	70-124				
1,4-Dioxane	400		"	200	ND	198	10-310				
2-Butanone	9.0		"	10.0	ND	90.4	10-193				
2-Hexanone	8.8		"	10.0	ND	87.9	53-133				
4-Methyl-2-pentanone	5.3		"	10.0	ND	52.7	38-150				
Acetone	7.3		"	10.0	5.2	21.5	13-149				
Acrolein	16		"	10.0	ND	155	10-195				
Acrylonitrile	9.9		"	10.0	ND	99.2	37-165				
Benzene	11		"	10.0	ND	113	38-155				
Bromochloromethane	12		"	10.0	ND	123	75-121	High Bias			
Bromodichloromethane	11		"	10.0	ND	111	70-129				
Bromoform	11		"	10.0	ND	107	66-136				
Bromomethane	1.8		"	10.0	ND	17.8	30-158	Low Bias			
Carbon disulfide	10		"	10.0	ND	102	10-138				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ50605 - EPA 5030B

Matrix Spike (BJ50605-MS1)	*Source sample: 15J0211-04 (GW01_10.6.15)						Prepared & Analyzed: 10/13/2015				
Carbon tetrachloride	9.9		ug/L	10.0	ND	99.1	71-146				
Chlorobenzene	10		"	10.0	ND	104	81-117				
Chloroethane	9.9		"	10.0	ND	98.7	51-145				
Chloroform	11		"	10.0	ND	114	80-124				
Chloromethane	6.5		"	10.0	ND	65.1	16-163				
cis-1,2-Dichloroethylene	10		"	10.0	ND	103	76-125				
cis-1,3-Dichloropropylene	9.0		"	10.0	ND	90.3	58-131				
Cyclohexane	9.3		"	10.0	ND	93.1	70-130				
Dibromochloromethane	11		"	10.0	ND	108	71-129				
Dibromomethane	12		"	10.0	ND	121	76-120	High Bias			
Dichlorodifluoromethane	6.1		"	10.0	ND	60.7	30-147				
Ethyl Benzene	11		"	10.0	ND	109	72-128				
Hexachlorobutadiene	9.0		"	10.0	ND	90.2	34-166				
Isopropylbenzene	10		"	10.0	ND	104	66-139				
Methyl acetate	9.5		"	10.0	ND	95.1	10-200				
Methyl tert-butyl ether (MTBE)	60		"	10.0	230	NR	75-128	Low Bias			
Methylcyclohexane	17		"	10.0	ND	171	70-130	High Bias			
Methylene chloride	11		"	10.0	ND	110	57-128				
n-Butylbenzene	11		"	10.0	ND	105	61-138				
n-Propylbenzene	10		"	10.0	ND	104	66-134				
o-Xylene	11		"	10.0	ND	110	69-126				
p- & m- Xylenes	23		"	20.0	ND	114	67-130				
p-Isopropyltoluene	11		"	10.0	ND	108	64-137				
sec-Butylbenzene	10		"	10.0	ND	105	53-155				
Styrene	12		"	10.0	ND	118	69-125				
tert-Butyl alcohol (TBA)	10		"	10.0	9.6	4.00	10-130	Low Bias			
tert-Butylbenzene	10		"	10.0	ND	104	65-139				
Tetrachloroethylene	12		"	10.0	ND	117	64-139				
Toluene	11		"	10.0	ND	106	76-123				
trans-1,2-Dichloroethylene	10		"	10.0	ND	100	79-131				
trans-1,3-Dichloropropylene	8.9		"	10.0	ND	88.6	55-130				
Trichloroethylene	18		"	10.0	ND	182	53-145	High Bias			
Trichlorofluoromethane	9.8		"	10.0	ND	98.5	61-142				
Vinyl Chloride	6.0		"	10.0	ND	59.9	31-165				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.7</i>		<i>"</i>	<i>10.0</i>		<i>107</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>9.45</i>		<i>"</i>	<i>10.0</i>		<i>94.5</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 BJ50605 - EPA 5030B											
Matrix Spike Dup (BJ50605-MSD1)	*Source sample: 15J0211-04 (GW01_10.6.15)						Prepared & Analyzed: 10/13/2015				
1,1,1,2-Tetrachloroethane	11		ug/L	10.0	ND	114	45-161		2.39	30	
1,1,1-Trichloroethane	11		"	10.0	ND	107	70-146		3.14	30	
1,1,2,2-Tetrachloroethane	9.7		"	10.0	ND	96.8	74-121		3.36	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0	ND	106	21-217		1.78	30	
1,1,2-Trichloroethane	11		"	10.0	ND	105	59-146		2.01	30	
1,1-Dichloroethane	11		"	10.0	ND	109	54-146		1.95	30	
1,1-Dichloroethylene	10		"	10.0	ND	102	44-165		1.74	30	
1,2,3-Trichlorobenzene	9.6		"	10.0	ND	96.1	40-161		5.01	30	
1,2,3-Trichloropropane	10		"	10.0	ND	102	74-127		2.58	30	
1,2,4-Trichlorobenzene	9.8		"	10.0	ND	98.4	41-161		5.11	30	
1,2,4-Trimethylbenzene	11		"	10.0	ND	109	72-129		1.02	30	
1,2-Dibromo-3-chloropropane	9.9		"	10.0	ND	98.9	31-151		6.58	30	
1,2-Dibromoethane	10		"	10.0	ND	102	75-125		4.08	30	
1,2-Dichlorobenzene	10		"	10.0	ND	104	63-122		2.52	30	
1,2-Dichloroethane	9.8		"	10.0	ND	97.9	68-131		4.38	30	
1,2-Dichloropropane	11		"	10.0	ND	110	77-121		48.8	30	Non-dir.
1,3,5-Trimethylbenzene	11		"	10.0	ND	108	69-126		1.47	30	
1,3-Dichlorobenzene	11		"	10.0	ND	109	74-119		2.41	30	
1,4-Dichlorobenzene	10		"	10.0	ND	104	70-124		1.26	30	
1,4-Dioxane	470		"	200	ND	234	10-310		16.8	30	
2-Butanone	9.7		"	10.0	ND	96.7	10-193		6.73	30	
2-Hexanone	9.1		"	10.0	ND	90.7	53-133		3.14	30	
4-Methyl-2-pentanone	5.5		"	10.0	ND	55.2	38-150		4.63	30	
Acetone	7.4		"	10.0	5.2	22.3	13-149		1.09	30	
Acrolein	15		"	10.0	ND	153	10-195		1.43	30	
Acrylonitrile	10		"	10.0	ND	101	37-165		2.19	30	
Benzene	11		"	10.0	ND	109	38-155		4.23	30	
Bromochloromethane	9.8		"	10.0	ND	98.3	75-121		22.4	30	
Bromodichloromethane	11		"	10.0	ND	114	70-129		2.85	30	
Bromoform	11		"	10.0	ND	111	66-136		3.68	30	
Bromomethane	3.1		"	10.0	ND	30.6	30-158		52.9	30	Non-dir.
Carbon disulfide	11		"	10.0	ND	114	10-138		11.1	30	
Carbon tetrachloride	9.6		"	10.0	ND	96.0	71-146		3.18	30	
Chlorobenzene	11		"	10.0	ND	108	81-117		4.15	30	
Chloroethane	9.8		"	10.0	ND	97.6	51-145		1.12	30	
Chloroform	9.9		"	10.0	ND	99.1	80-124		14.2	30	
Chloromethane	6.9		"	10.0	ND	69.3	16-163		6.25	30	
cis-1,2-Dichloroethylene	10		"	10.0	ND	101	76-125		2.26	30	
cis-1,3-Dichloropropylene	9.6		"	10.0	ND	95.7	58-131		5.81	30	
Cyclohexane	11		"	10.0	ND	112	70-130		18.3	30	
Dibromochloromethane	11		"	10.0	ND	113	71-129		5.17	30	
Dibromomethane	11		"	10.0	ND	115	76-120		5.10	30	
Dichlorodifluoromethane	5.9		"	10.0	ND	59.4	30-147		2.16	30	
Ethyl Benzene	11		"	10.0	ND	112	72-128		2.99	30	
Hexachlorobutadiene	9.3		"	10.0	ND	93.1	34-166		3.16	30	
Isopropylbenzene	11		"	10.0	ND	106	66-139		2.38	30	
Methyl acetate	11		"	10.0	ND	113	10-200		17.0	30	
Methyl tert-butyl ether (MTBE)	61		"	10.0	230	NR	75-128	Low Bias	0.693	30	
Methylcyclohexane	16		"	10.0	ND	161	70-130	High Bias	6.04	30	
Methylene chloride	11		"	10.0	ND	108	57-128		1.01	30	
n-Butylbenzene	11		"	10.0	ND	107	61-138		1.97	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
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Batch BJ50605 - EPA 5030B

Matrix Spike Dup (BJ50605-MSD1)	*Source sample: 15J0211-04 (GW01_10.6.15)						Prepared & Analyzed: 10/13/2015				
n-Propylbenzene	11		ug/L	10.0	ND	107	66-134		2.46	30	
o-Xylene	11		"	10.0	ND	113	69-126		2.70	30	
p- & m- Xylenes	23		"	20.0	ND	117	67-130		2.61	30	
p-Isopropyltoluene	11		"	10.0	ND	111	64-137		2.37	30	
sec-Butylbenzene	11		"	10.0	ND	108	53-155		3.20	30	
Styrene	12		"	10.0	ND	121	69-125		2.84	30	
tert-Butyl alcohol (TBA)	10		"	10.0	9.6	5.30	10-130	Low Bias	1.29	30	
tert-Butylbenzene	11		"	10.0	ND	106	65-139		2.38	30	
Tetrachloroethylene	12		"	10.0	ND	120	64-139		2.44	30	
Toluene	11		"	10.0	ND	109	76-123		2.42	30	
trans-1,2-Dichloroethylene	11		"	10.0	ND	107	79-131		7.04	30	
trans-1,3-Dichloropropylene	9.3		"	10.0	ND	93.1	55-130		4.95	30	
Trichloroethylene	16		"	10.0	ND	159	53-145	High Bias	13.6	30	
Trichlorofluoromethane	8.3		"	10.0	ND	83.4	61-142		16.6	30	
Vinyl Chloride	6.1		"	10.0	ND	61.2	31-165		2.15	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.56</i>		<i>"</i>	<i>10.0</i>		<i>95.6</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>9.49</i>		<i>"</i>	<i>10.0</i>		<i>94.9</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 BJ50511 - EPA 3510C											
Blank (BJ50511-BLK1)										Prepared & Analyzed: 10/12/2015	
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
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Batch BJ50511 - EPA 3510C

Blank (BJ50511-BLK1)

Prepared & Analyzed: 10/12/2015

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>52.0</i>		<i>"</i>	<i>75.0</i>		<i>69.3</i>	<i>10-65</i>				
<i>Surrogate: Phenol-d5</i>	<i>53.3</i>		<i>"</i>	<i>75.2</i>		<i>70.9</i>	<i>10-49</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>39.6</i>		<i>"</i>	<i>50.0</i>		<i>79.1</i>	<i>10-96</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>33.8</i>		<i>"</i>	<i>50.0</i>		<i>67.5</i>	<i>10-93</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>52.3</i>		<i>"</i>	<i>75.1</i>		<i>69.6</i>	<i>10-128</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>31.9</i>		<i>"</i>	<i>50.0</i>		<i>63.8</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 BJ50511 - EPA 3510C											
LCS (BJ50511-BS1)						Prepared & Analyzed: 10/12/2015					
1,1'-Biphenyl	20.7	5.00	ug/L				21-102				
1,2,4,5-Tetrachlorobenzene	30.4	5.00	"	50.0		60.8	28-105				
1,2,4-Trichlorobenzene	36.4	5.00	"	50.0		72.9	35-91				
1,2-Dichlorobenzene	34.3	5.00	"	50.0		68.6	42-85				
1,2-Diphenylhydrazine (as Azobenzene)	32.3	5.00	"	50.0		64.7	16-137				
1,3-Dichlorobenzene	36.2	5.00	"	50.0		72.4	45-80				
1,4-Dichlorobenzene	36.8	5.00	"	50.0		73.7	42-82				
2,3,4,6-Tetrachlorophenol	69.8	5.00	"	50.0		140	30-130	High Bias			
2,4,5-Trichlorophenol	29.9	5.00	"	50.0		59.8	36-112				
2,4,6-Trichlorophenol	39.6	5.00	"	50.0		79.2	41-107				
2,4-Dichlorophenol	37.8	5.00	"	50.0		75.7	43-92				
2,4-Dimethylphenol	35.9	5.00	"	50.0		71.7	25-92				
2,4-Dinitrophenol	55.6	5.00	"	50.0		111	10-149				
2,4-Dinitrotoluene	49.6	5.00	"	50.0		99.1	41-114				
2,6-Dinitrotoluene	52.6	5.00	"	50.0		105	49-106				
2-Chloronaphthalene	36.1	5.00	"	50.0		72.1	40-96				
2-Chlorophenol	37.3	5.00	"	50.0		74.7	35-84				
2-Methylnaphthalene	33.2	5.00	"	50.0		66.5	33-101				
2-Methylphenol	33.2	5.00	"	50.0		66.5	10-90				
2-Nitroaniline	42.7	5.00	"	50.0		85.4	31-122				
2-Nitrophenol	37.3	5.00	"	50.0		74.6	37-97				
3- & 4-Methylphenols	31.7	5.00	"	50.0		63.4	10-101				
3,3'-Dichlorobenzidine	58.0	5.00	"	50.0		116	25-155				
3-Nitroaniline	45.1	5.00	"	50.0		90.3	29-128				
4,6-Dinitro-2-methylphenol	28.1	5.00	"	50.0		56.2	10-135				
4-Bromophenyl phenyl ether	34.3	5.00	"	50.0		68.6	38-116				
4-Chloro-3-methylphenol	41.5	5.00	"	50.0		83.1	28-101				
4-Chloroaniline	41.4	5.00	"	50.0		82.8	10-154				
4-Chlorophenyl phenyl ether	31.7	5.00	"	50.0		63.5	34-112				
4-Nitroaniline	29.4	5.00	"	50.0		58.9	15-143				
4-Nitrophenol	5.73	5.00	"	50.0		11.5	10-112				
Acenaphthene	31.9	0.0500	"	50.0		63.8	24-114				
Acenaphthylene	32.2	0.0500	"	50.0		64.4	26-112				
Acetophenone	24.4	5.00	"	50.0		48.9	47-92				
Aniline	30.1	5.00	"	50.0		60.2	10-107				
Anthracene	34.7	0.0500	"	50.0		69.4	35-114				
Atrazine	25.4	0.500	"	50.0		50.7	43-101				
Benzaldehyde	21.0	5.00	"	50.0		42.0	17-117				
Benzo(a)anthracene	46.0	0.0500	"	50.0		91.9	38-127				
Benzo(a)pyrene	50.3	0.0500	"	50.0		101	30-146				
Benzo(b)fluoranthene	58.2	0.0500	"	50.0		116	36-145				
Benzo(g,h,i)perylene	17.2	0.0500	"	50.0		34.3	10-163				
Benzo(k)fluoranthene	48.0	0.0500	"	50.0		95.9	16-149				
Benzoic acid	ND	5.00	"	50.0			30-130	Low Bias			
Benzyl alcohol	36.2	5.00	"	50.0		72.5	18-75				
Benzyl butyl phthalate	61.9	5.00	"	50.0		124	28-129				
Bis(2-chloroethoxy)methane	34.9	5.00	"	50.0		69.8	27-112				
Bis(2-chloroethyl)ether	39.8	5.00	"	50.0		79.6	24-114				
Bis(2-chloroisopropyl)ether	35.5	5.00	"	50.0		70.9	21-124				
Bis(2-ethylhexyl)phthalate	46.2	0.500	"	50.0		92.5	10-171				
Caprolactam	21.9	5.00	"	50.0		43.9	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 BJ50511 - EPA 3510C											
LCS (BJ50511-BS1)						Prepared & Analyzed: 10/12/2015					
Carbazole	38.9	5.00	ug/L	50.0		77.8	49-116				
Chrysene	54.7	0.0500	"	50.0		109	33-120				
Dibenzo(a,h)anthracene	22.0	0.0500	"	50.0		44.0	10-149				
Dibenzofuran	34.6	5.00	"	50.0		69.1	42-105				
Diethyl phthalate	40.9	5.00	"	50.0		81.8	38-112				
Dimethyl phthalate	45.0	5.00	"	50.0		89.9	49-106				
Di-n-butyl phthalate	38.6	5.00	"	50.0		77.1	36-110				
Di-n-octyl phthalate	56.2	5.00	"	50.0		112	12-149				
Fluoranthene	38.2	0.0500	"	50.0		76.3	33-126				
Fluorene	35.6	0.0500	"	50.0		71.3	28-117				
Hexachlorobenzene	35.0	0.0200	"	50.0		70.0	27-120				
Hexachlorobutadiene	34.6	0.500	"	50.0		69.2	25-106				
Hexachlorocyclopentadiene	18.4	5.00	"	50.0		36.9	10-99				
Hexachloroethane	36.0	0.500	"	50.0		71.9	33-84				
Indeno(1,2,3-cd)pyrene	21.4	0.0500	"	50.0		42.7	10-150				
Isophorone	41.2	5.00	"	50.0		82.4	29-115				
Naphthalene	34.4	0.0500	"	50.0		68.9	30-99				
Nitrobenzene	37.1	0.250	"	50.0		74.2	32-113				
N-Nitrosodimethylamine	36.3	0.500	"	50.0		72.6	10-63	High Bias			
N-nitroso-di-n-propylamine	35.9	5.00	"	50.0		71.8	36-118				
N-Nitrosodiphenylamine	32.9	5.00	"	50.0		65.7	27-145				
Pentachlorophenol	36.2	0.250	"	50.0		72.3	19-127				
Phenanthrene	36.6	0.0500	"	50.0		73.2	31-112				
Phenol	32.4	5.00	"	50.0		64.7	10-37	High Bias			
Pyrene	61.3	0.0500	"	50.0		123	42-125				
<i>Surrogate: 2-Fluorophenol</i>	<i>58.8</i>		<i>"</i>	<i>75.0</i>		<i>78.3</i>	<i>10-65</i>				
<i>Surrogate: Phenol-d5</i>	<i>54.7</i>		<i>"</i>	<i>75.2</i>		<i>72.8</i>	<i>10-49</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>41.8</i>		<i>"</i>	<i>50.0</i>		<i>83.6</i>	<i>10-96</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>29.3</i>		<i>"</i>	<i>50.0</i>		<i>58.7</i>	<i>10-93</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>49.8</i>		<i>"</i>	<i>75.1</i>		<i>66.3</i>	<i>10-128</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>57.9</i>		<i>"</i>	<i>50.0</i>		<i>116</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 BJ50511 - EPA 3510C											
LCS (BJ50511-BS2)						Prepared & Analyzed: 10/12/2015					
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	1.04	0.0500	"	1.00		104	24-114				
Acenaphthylene	1.17	0.0500	"	1.00		117	26-112	High Bias			
Acetophenone	ND	5.00	"				47-92				
Aniline	ND	5.00	"				10-107				
Anthracene	1.05	0.0500	"	1.00		105	35-114				
Atrazine	ND	0.500	"				43-101				
Benzaldehyde	ND	5.00	"				17-117				
Benzo(a)anthracene	1.17	0.0500	"	1.00		117	38-127				
Benzo(a)pyrene	1.27	0.0500	"	1.00		127	30-146				
Benzo(b)fluoranthene	1.26	0.0500	"	1.00		126	36-145				
Benzo(g,h,i)perylene	1.28	0.0500	"	1.00		128	10-163				
Benzo(k)fluoranthene	1.22	0.0500	"	1.00		122	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
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Batch BJ50511 - EPA 3510C

LCS (BJ50511-BS2)

Prepared & Analyzed: 10/12/2015

Carbazole	ND	5.00	ug/L				49-116				
Chrysene	1.12	0.0500	"	1.00		112	33-120				
Dibenzo(a,h)anthracene	1.39	0.0500	"	1.00		139	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	1.24	0.0500	"	1.00		124	33-126				
Fluorene	1.14	0.0500	"	1.00		114	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	1.38	0.0500	"	1.00		138	10-150				
Isophorone	ND	5.00	"				29-115				
Naphthalene	1.00	0.0500	"	1.00		100	30-99	High 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	1.10	0.0500	"	1.00		110	31-112				
Phenol	ND	5.00	"				10-37				
Pyrene	1.18	0.0500	"	1.00		118	42-125				
Surrogate: 2-Fluorophenol	0.00		"	75.0			10-65				
Surrogate: Phenol-d5	0.00		"	75.2			10-49				
Surrogate: Nitrobenzene-d5	0.00		"	50.0			10-96				
Surrogate: 2-Fluorobiphenyl	0.00		"	50.0			10-93				
Surrogate: 2,4,6-Tribromophenol	0.00		"	75.1			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 BJ50511 - EPA 3510C											
Matrix Spike (BJ50511-MS1)		*Source sample: 15J0211-04 (GW01_10.6.15)						Prepared & Analyzed: 10/12/2015			
1,1'-Biphenyl	19.2	5.13	ug/L		ND		40-140				
1,2,4,5-Tetrachlorobenzene	28.8	5.13	"	51.3	ND	56.2	40-140				
1,2,4-Trichlorobenzene	34.6	5.13	"	51.3	ND	67.5	31-92				
1,2-Dichlorobenzene	33.7	5.13	"	51.3	ND	65.8	31-91				
1,2-Diphenylhydrazine (as Azobenzene)	28.9	5.13	"	51.3	ND	56.3	40-140				
1,3-Dichlorobenzene	32.7	5.13	"	51.3	ND	63.7	24-93				
1,4-Dichlorobenzene	34.2	5.13	"	51.3	ND	66.6	26-95				
2,3,4,6-Tetrachlorophenol	65.0	5.13	"	51.3	ND	127	30-130				
2,4,5-Trichlorophenol	31.5	5.13	"	51.3	ND	61.3	44-96				
2,4,6-Trichlorophenol	35.8	5.13	"	51.3	ND	69.8	39-107				
2,4-Dichlorophenol	35.4	5.13	"	51.3	ND	69.0	38-99				
2,4-Dimethylphenol	30.2	5.13	"	51.3	ND	58.8	10-116				
2,4-Dinitrophenol	51.4	5.13	"	51.3	ND	100	10-168				
2,4-Dinitrotoluene	45.9	5.13	"	51.3	ND	89.6	26-120				
2,6-Dinitrotoluene	48.0	5.13	"	51.3	ND	93.6	28-118				
2-Chloronaphthalene	33.3	5.13	"	51.3	ND	64.9	33-99				
2-Chlorophenol	30.7	5.13	"	51.3	ND	59.8	25-106				
2-Methylnaphthalene	33.4	5.13	"	51.3	ND	65.2	29-102				
2-Methylphenol	23.4	5.13	"	51.3	ND	45.7	10-118				
2-Nitroaniline	39.2	5.13	"	51.3	ND	76.4	48-99				
2-Nitrophenol	34.8	5.13	"	51.3	ND	67.8	36-103				
3- & 4-Methylphenols	20.1	5.13	"	51.3	ND	39.3	10-102				
3,3'-Dichlorobenzidine	32.0	5.13	"	51.3	ND	62.4	10-140				
3-Nitroaniline	40.3	5.13	"	51.3	ND	78.6	10-169				
4,6-Dinitro-2-methylphenol	26.4	5.13	"	51.3	ND	51.4	10-142				
4-Bromophenyl phenyl ether	31.6	5.13	"	51.3	ND	61.7	35-109				
4-Chloro-3-methylphenol	34.7	5.13	"	51.3	ND	67.7	20-117				
4-Chloroaniline	41.1	5.13	"	51.3	ND	80.2	24-116				
4-Chlorophenyl phenyl ether	29.3	5.13	"	51.3	ND	57.2	31-112				
4-Nitroaniline	28.9	5.13	"	51.3	ND	56.4	24-143				
4-Nitrophenol	5.25	5.13	"	51.3	ND	10.2	10-119				
Acenaphthene	30.6	0.0513	"	51.3	ND	59.6	17-132				
Acenaphthylene	29.6	0.0513	"	51.3	ND	57.7	13-124				
Acetophenone	23.1	5.13	"	51.3	ND	45.1	40-140				
Aniline	19.7	5.13	"	51.3	ND	38.5	10-133				
Anthracene	32.1	0.0513	"	51.3	ND	62.6	40-105				
Atrazine	21.9	0.513	"	51.3	ND	42.7	40-140				
Benzaldehyde	19.1	5.13	"	51.3	ND	37.2	40-140	Low Bias			
Benzo(a)anthracene	59.6	0.0513	"	51.3	ND	116	23-141				
Benzo(a)pyrene	48.1	0.0513	"	51.3	ND	93.7	46-118				
Benzo(b)fluoranthene	50.1	0.0513	"	51.3	ND	97.6	22-133				
Benzo(g,h,i)perylene	12.9	0.0513	"	51.3	ND	25.1	10-126				
Benzo(k)fluoranthene	39.5	0.0513	"	51.3	ND	77.1	18-152				
Benzoic acid	ND	5.13	"	51.3	ND		10-162	Low Bias			
Benzyl alcohol	23.4	5.13	"	51.3	ND	45.7	10-114				
Benzyl butyl phthalate	58.8	5.13	"	51.3	ND	115	31-121				
Bis(2-chloroethoxy)methane	31.9	5.13	"	51.3	ND	62.2	23-110				
Bis(2-chloroethyl)ether	34.3	5.13	"	51.3	ND	66.8	10-132				
Bis(2-chloroisopropyl)ether	34.2	5.13	"	51.3	ND	66.6	12-132				
Bis(2-ethylhexyl)phthalate	45.5	0.513	"	51.3	7.28	74.6	14-131				
Caprolactam	3.83	5.13	"	51.3	ND	7.46	40-140	Low Bias			



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ50511 - EPA 3510C

Matrix Spike (BJ50511-MS1)		*Source sample: 15J0211-04 (GW01_10.6.15)					Prepared & Analyzed: 10/12/2015				
Carbazole	37.3	5.13	ug/L	51.3	ND	72.7	10-169				
Chrysene	53.9	0.0513	"	51.3	ND	105	30-127				
Dibenzo(a,h)anthracene	16.7	0.0513	"	51.3	ND	32.6	10-131				
Dibenzofuran	32.8	5.13	"	51.3	ND	64.0	37-103				
Diethyl phthalate	37.6	5.13	"	51.3	ND	73.4	41-106				
Dimethyl phthalate	41.8	5.13	"	51.3	ND	81.4	38-105				
Di-n-butyl phthalate	35.1	5.13	"	51.3	ND	68.5	24-121				
Di-n-octyl phthalate	51.8	5.13	"	51.3	ND	101	25-141				
Fluoranthene	35.7	0.0513	"	51.3	ND	69.6	29-123				
Fluorene	33.4	0.0513	"	51.3	ND	65.1	20-133				
Hexachlorobenzene	31.0	0.0205	"	51.3	ND	60.5	24-120				
Hexachlorobutadiene	31.8	0.513	"	51.3	ND	61.9	26-98				
Hexachlorocyclopentadiene	16.6	5.13	"	51.3	ND	32.4	10-103				
Hexachloroethane	33.0	0.513	"	51.3	ND	64.4	11-102				
Indeno(1,2,3-cd)pyrene	16.4	0.0513	"	51.3	ND	32.1	10-130				
Isophorone	37.6	5.13	"	51.3	ND	73.4	19-113				
Naphthalene	32.4	0.0513	"	51.3	ND	63.1	26-104				
Nitrobenzene	34.7	0.256	"	51.3	ND	67.7	25-107				
N-Nitrosodimethylamine	14.0	0.513	"	51.3	ND	27.2	10-110				
N-nitroso-di-n-propylamine	35.2	5.13	"	51.3	ND	68.6	16-127				
N-Nitrosodiphenylamine	30.7	5.13	"	51.3	ND	59.8	46-116				
Pentachlorophenol	34.3	0.256	"	51.3	ND	66.8	10-181				
Phenanthrene	33.2	0.0513	"	51.3	ND	64.8	29-121				
Phenol	10.6	5.13	"	51.3	ND	20.7	10-107				
Pyrene	60.0	0.0513	"	51.3	ND	117	34-129				
Surrogate: 2-Fluorophenol	28.9		"	76.9		37.5	10-65				
Surrogate: Phenol-d5	19.2		"	77.1		24.9	10-49				
Surrogate: Nitrobenzene-d5	40.2		"	51.3		78.4	10-96				
Surrogate: 2-Fluorobiphenyl	28.2		"	51.3		55.0	10-93				
Surrogate: 2,4,6-Tribromophenol	47.8		"	77.0		62.1	10-128				
Surrogate: Terphenyl-d14	56.6		"	51.3		110	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 BJ50511 - EPA 3510C											
Matrix Spike Dup (BJ50511-MSD1)	*Source sample: 15J0211-04 (GW01_10.6.15)						Prepared & Analyzed: 10/12/2015				
1,1'-Biphenyl	18.6	5.13	ug/L		ND		40-140		3.20	20	
1,2,4,5-Tetrachlorobenzene	28.7	5.13	"	51.3	ND	55.9	40-140		0.606	20	
1,2,4-Trichlorobenzene	33.8	5.13	"	51.3	ND	65.9	31-92		2.52	20	
1,2-Dichlorobenzene	33.0	5.13	"	51.3	ND	64.4	31-91		2.18	20	
1,2-Diphenylhydrazine (as Azobenzene)	29.0	5.13	"	51.3	ND	56.6	40-140		0.531	20	
1,3-Dichlorobenzene	30.7	5.13	"	51.3	ND	59.9	24-93		6.22	20	
1,4-Dichlorobenzene	33.3	5.13	"	51.3	ND	65.0	26-95		2.52	20	
2,3,4,6-Tetrachlorophenol	63.5	5.13	"	51.3	ND	124	30-130		2.39	20	
2,4,5-Trichlorophenol	31.6	5.13	"	51.3	ND	61.7	44-96		0.585	20	
2,4,6-Trichlorophenol	36.0	5.13	"	51.3	ND	70.2	39-107		0.514	20	
2,4-Dichlorophenol	34.9	5.13	"	51.3	ND	68.1	38-99		1.31	20	
2,4-Dimethylphenol	29.3	5.13	"	51.3	ND	57.1	10-116		2.97	20	
2,4-Dinitrophenol	49.4	5.13	"	51.3	ND	96.4	10-168		3.99	20	
2,4-Dinitrotoluene	45.0	5.13	"	51.3	ND	87.8	26-120		1.98	20	
2,6-Dinitrotoluene	47.3	5.13	"	51.3	ND	92.2	28-118		1.55	20	
2-Chloronaphthalene	33.3	5.13	"	51.3	ND	64.9	33-99		0.00	20	
2-Chlorophenol	29.4	5.13	"	51.3	ND	57.4	25-106		4.13	20	
2-Methylnaphthalene	33.8	5.13	"	51.3	ND	65.9	29-102		1.13	20	
2-Methylphenol	21.3	5.13	"	51.3	ND	41.6	10-118		9.31	20	
2-Nitroaniline	38.6	5.13	"	51.3	ND	75.2	48-99		1.64	20	
2-Nitrophenol	34.4	5.13	"	51.3	ND	67.0	36-103		1.19	20	
3- & 4-Methylphenols	18.6	5.13	"	51.3	ND	36.2	10-102		8.00	20	
3,3'-Dichlorobenzidine	32.0	5.13	"	51.3	ND	62.5	10-140		0.0320	20	
3-Nitroaniline	41.1	5.13	"	51.3	ND	80.1	10-169		1.97	20	
4,6-Dinitro-2-methylphenol	27.9	5.13	"	51.3	ND	54.3	10-142		5.49	20	
4-Bromophenyl phenyl ether	32.3	5.13	"	51.3	ND	63.0	35-109		2.21	20	
4-Chloro-3-methylphenol	33.1	5.13	"	51.3	ND	64.5	20-117		4.93	20	
4-Chloroaniline	40.9	5.13	"	51.3	ND	79.7	24-116		0.575	20	
4-Chlorophenyl phenyl ether	31.1	5.13	"	51.3	ND	60.7	31-112		5.97	20	
4-Nitroaniline	29.8	5.13	"	51.3	ND	58.0	24-143		2.83	20	
4-Nitrophenol	5.06	5.13	"	51.3	ND	9.86	10-119	Low Bias	3.78	20	
Acenaphthene	30.9	0.0513	"	51.3	ND	60.3	17-132		1.17	20	
Acenaphthylene	30.6	0.0513	"	51.3	ND	59.7	13-124		3.41	20	
Acetophenone	21.0	5.13	"	51.3	ND	41.0	40-140		9.57	20	
Aniline	18.5	5.13	"	51.3	ND	36.0	10-133		6.50	20	
Anthracene	32.3	0.0513	"	51.3	ND	62.9	40-105		0.606	20	
Atrazine	21.3	0.513	"	51.3	ND	41.6	40-140		2.80	20	
Benzaldehyde	18.5	5.13	"	51.3	ND	36.1	40-140	Low Bias	3.06	20	
Benzo(a)anthracene	52.9	0.0513	"	51.3	ND	103	23-141		11.8	20	
Benzo(a)pyrene	40.2	0.0513	"	51.3	ND	78.3	46-118		17.9	20	
Benzo(b)fluoranthene	40.9	0.0513	"	51.3	ND	79.8	22-133		20.1	20	Non-dir.
Benzo(g,h,i)perylene	12.6	0.0513	"	51.3	ND	24.5	10-126		2.42	20	
Benzo(k)fluoranthene	40.0	0.0513	"	51.3	ND	78.1	18-152		1.26	20	
Benzoic acid	ND	5.13	"	51.3	ND		10-162	Low Bias		20	
Benzyl alcohol	21.7	5.13	"	51.3	ND	42.3	10-114		7.64	20	
Benzyl butyl phthalate	52.6	5.13	"	51.3	ND	103	31-121		11.1	20	
Bis(2-chloroethoxy)methane	31.2	5.13	"	51.3	ND	60.9	23-110		2.18	20	
Bis(2-chloroethyl)ether	33.1	5.13	"	51.3	ND	64.6	10-132		3.35	20	
Bis(2-chloroisopropyl)ether	32.0	5.13	"	51.3	ND	62.4	12-132		6.45	20	
Bis(2-ethylhexyl)phthalate	41.3	0.513	"	51.3	7.28	66.3	14-131		9.76	20	
Caprolactam	3.47	5.13	"	51.3	ND	6.76	40-140	Low Bias	9.85	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
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Batch BJ50511 - EPA 3510C

Matrix Spike Dup (BJ50511-MSD1)		*Source sample: 15J0211-04 (GW01_10.6.15)					Prepared & Analyzed: 10/12/2015				
Carbazole	36.9	5.13	ug/L	51.3	ND	72.0	10-169		0.995	20	
Chrysene	45.0	0.0513	"	51.3	ND	87.8	30-127		17.9	20	
Dibenzo(a,h)anthracene	16.8	0.0513	"	51.3	ND	32.7	10-131		0.367	20	
Dibenzofuran	33.1	5.13	"	51.3	ND	64.5	37-103		0.747	20	
Diethyl phthalate	37.4	5.13	"	51.3	ND	72.9	41-106		0.601	20	
Dimethyl phthalate	41.1	5.13	"	51.3	ND	80.1	38-105		1.68	20	
Di-n-butyl phthalate	34.5	5.13	"	51.3	ND	67.2	24-121		2.00	20	
Di-n-octyl phthalate	46.2	5.13	"	51.3	ND	90.1	25-141		11.4	20	
Fluoranthene	35.5	0.0513	"	51.3	ND	69.2	29-123		0.548	20	
Fluorene	33.6	0.0513	"	51.3	ND	65.5	20-133		0.551	20	
Hexachlorobenzene	30.8	0.0205	"	51.3	ND	60.0	24-120		0.929	20	
Hexachlorobutadiene	31.4	0.513	"	51.3	ND	61.2	26-98		1.14	20	
Hexachlorocyclopentadiene	16.2	5.13	"	51.3	ND	31.6	10-103		2.25	20	
Hexachloroethane	32.0	0.513	"	51.3	ND	62.4	11-102		3.19	20	
Indeno(1,2,3-cd)pyrene	16.9	0.0513	"	51.3	ND	32.9	10-130		2.59	20	
Isophorone	36.0	5.13	"	51.3	ND	70.2	19-113		4.43	20	
Naphthalene	31.8	0.0513	"	51.3	ND	62.0	26-104		1.73	20	
Nitrobenzene	33.3	0.256	"	51.3	ND	65.0	25-107		4.19	20	
N-Nitrosodimethylamine	13.3	0.513	"	51.3	ND	26.0	10-110		4.66	20	
N-nitroso-di-n-propylamine	32.9	5.13	"	51.3	ND	64.1	16-127		6.84	20	
N-Nitrosodiphenylamine	31.4	5.13	"	51.3	ND	61.3	46-116		2.48	20	
Pentachlorophenol	33.2	0.256	"	51.3	ND	64.8	10-181		3.13	20	
Phenanthrene	33.5	0.0513	"	51.3	ND	65.4	29-121		0.953	20	
Phenol	11.9	5.13	"	51.3	ND	23.3	10-107		11.8	20	
Pyrene	53.9	0.0513	"	51.3	ND	105	34-129		10.7	20	
Surrogate: 2-Fluorophenol	27.7		"	76.9		36.1	10-65				
Surrogate: Phenol-d5	17.7		"	77.1		23.0	10-49				
Surrogate: Nitrobenzene-d5	38.0		"	51.3		74.2	10-96				
Surrogate: 2-Fluorobiphenyl	28.5		"	51.3		55.6	10-93				
Surrogate: 2,4,6-Tribromophenol	47.9		"	77.0		62.2	10-128				
Surrogate: Terphenyl-d14	52.1		"	51.3		102	10-100				



Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ50492 - EPA 3015A

Blank (BJ50492-BLK1)

Prepared & Analyzed: 10/09/2015

Aluminum	ND	0.050	mg/L
Antimony	ND	0.005	"
Arsenic	ND	0.004	"
Barium	ND	0.010	"
Beryllium	ND	0.001	"
Cadmium	ND	0.003	"
Calcium	ND	0.050	"
Chromium	ND	0.005	"
Cobalt	ND	0.005	"
Copper	ND	0.003	"
Iron	ND	0.020	"
Lead	ND	0.003	"
Magnesium	ND	0.050	"
Manganese	ND	0.005	"
Nickel	ND	0.005	"
Potassium	ND	0.050	"
Selenium	ND	0.010	"
Silver	ND	0.005	"
Sodium	ND	0.100	"
Thallium	ND	0.005	"
Vanadium	ND	0.010	"
Zinc	ND	0.010	"

Duplicate (BJ50492-DUP1)

*Source sample: 15J0211-04 (GW01_10.6.15)

Prepared & Analyzed: 10/09/2015

Aluminum	0.150	0.056	mg/L	0.156	3.89	20
Antimony	ND	0.006	"	ND		20
Arsenic	ND	0.004	"	ND		20
Barium	0.131	0.011	"	0.133	2.07	20
Beryllium	ND	0.001	"	ND		20
Cadmium	ND	0.003	"	ND		20
Calcium	97.6	0.056	"	97.3	0.323	20
Chromium	ND	0.006	"	ND		20
Cobalt	ND	0.006	"	ND		20
Copper	0.007	0.003	"	0.008	18.1	20
Iron	0.393	0.022	"	0.392	0.299	20
Lead	ND	0.003	"	ND		20
Magnesium	28.9	0.056	"	29.2	0.876	20
Manganese	0.880	0.006	"	0.899	2.19	20
Nickel	0.009	0.006	"	0.007	15.9	20
Potassium	6.20	0.056	"	6.22	0.328	20
Selenium	ND	0.011	"	ND		20
Silver	ND	0.006	"	ND		20
Sodium	31.1	0.111	"	30.9	0.867	20
Thallium	ND	0.006	"	ND		20
Vanadium	ND	0.011	"	ND		20
Zinc	0.029	0.011	"	0.030	4.03	20



Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ50492 - EPA 3015A

Matrix Spike (BJ50492-MS1)		*Source sample: 15J0211-04 (GW01_10.6.15)					Prepared & Analyzed: 10/09/2015				
Antimony	0.290	0.006	mg/L	0.278	ND	104	75-125				
Arsenic	2.23	0.004	"	2.22	ND	100	75-125				
Barium	2.37	0.011	"	2.22	0.133	101	75-125				
Beryllium	0.055	0.001	"	0.0556	ND	99.8	75-125				
Cadmium	0.056	0.003	"	0.0556	ND	101	75-125				
Chromium	0.223	0.006	"	0.222	ND	100	75-125				
Cobalt	0.566	0.006	"	0.556	ND	102	75-125				
Copper	0.285	0.003	"	0.278	0.008	99.7	75-125				
Iron	1.52	0.022	"	1.11	0.392	101	75-125				
Lead	0.551	0.003	"	0.556	ND	99.2	75-125				
Manganese	1.45	0.006	"	0.556	0.899	98.4	75-125				
Nickel	0.560	0.006	"	0.556	0.007	99.5	75-125				
Selenium	2.21	0.011	"	2.22	ND	99.4	75-125				
Silver	0.051	0.006	"	0.0556	ND	91.3	75-125				
Thallium	2.18	0.006	"	2.22	ND	98.2	75-125				
Vanadium	0.554	0.011	"	0.556	ND	99.7	75-125				
Zinc	0.554	0.011	"	0.556	0.030	94.3	75-125				

Reference (BJ50492-SRM1)		Prepared & Analyzed: 10/09/2015									
Aluminum	1.28		ug/mL	1.28		100	82.2-115.7				
Antimony	0.203		"	0.210		96.5	75.2-121				
Arsenic	0.240		"	0.240		99.8	80.4-118.7				
Barium	0.462		"	0.480		96.3	85-115				
Beryllium	0.289		"	0.300		96.2	85-115				
Cadmium	0.893		"	0.940		95.0	85-115				
Calcium	97.0		"	107		90.7	86-114				
Chromium	0.390		"	0.400		97.6	85-115				
Cobalt	0.815		"	0.820		99.3	85-115				
Copper	0.768		"	0.760		101	85-115				
Iron	2.00		"	2.12		94.4	85-115				
Lead	0.685		"	0.700		97.8	85-115				
Magnesium	16.8		"	17.9		93.6	86-114				
Manganese	1.41		"	1.46		96.6	85-115				
Nickel	1.80		"	1.86		96.9	88.6-112				
Potassium	25.7		"	29.1		88.3	84.9-115				
Selenium	0.443		"	0.460		96.4	85-115				
Silver	0.567		"	0.600		94.6	85-115				
Sodium	86.3		"	99.8		86.4	85-115				
Thallium	0.348		"	0.370		94.0	81.4-116.8				
Vanadium	1.07		"	1.12		95.7	85-115				
Zinc	0.550		"	0.560		98.3	85-115				



Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ50632 - EPA 3015A

Blank (BJ50632-BLK1)

Prepared: 10/13/2015 Analyzed: 10/14/2015

Aluminum - Dissolved	ND	0.050	mg/L
Antimony - Dissolved	ND	0.005	"
Arsenic - Dissolved	ND	0.004	"
Barium - Dissolved	ND	0.010	"
Beryllium - Dissolved	ND	0.001	"
Cadmium - Dissolved	ND	0.003	"
Calcium - Dissolved	ND	0.050	"
Chromium - Dissolved	ND	0.005	"
Cobalt - Dissolved	ND	0.005	"
Copper - Dissolved	ND	0.003	"
Iron - Dissolved	ND	0.020	"
Lead - Dissolved	ND	0.003	"
Magnesium - Dissolved	ND	0.050	"
Manganese - Dissolved	ND	0.005	"
Nickel - Dissolved	0.006	0.005	"
Potassium - Dissolved	ND	0.050	"
Selenium - Dissolved	ND	0.010	"
Silver - Dissolved	ND	0.005	"
Sodium - Dissolved	ND	0.100	"
Thallium - Dissolved	ND	0.005	"
Vanadium - Dissolved	ND	0.010	"
Zinc - Dissolved	ND	0.010	"

Duplicate (BJ50632-DUP1)

*Source sample: 15J0211-04 (GW01_10.6.15)

Prepared: 10/13/2015 Analyzed: 10/14/2015

Aluminum - Dissolved	ND	0.056	mg/L	ND	20
Antimony - Dissolved	ND	0.006	"	ND	20
Arsenic - Dissolved	ND	0.004	"	ND	20
Barium - Dissolved	0.134	0.011	"	0.132	1.36 20
Beryllium - Dissolved	ND	0.001	"	ND	20
Cadmium - Dissolved	ND	0.003	"	ND	20
Calcium - Dissolved	101	0.056	"	101	0.534 20
Chromium - Dissolved	ND	0.006	"	ND	20
Cobalt - Dissolved	ND	0.006	"	ND	20
Copper - Dissolved	0.007	0.003	"	0.008	14.9 20
Iron - Dissolved	ND	0.022	"	0.028	20
Lead - Dissolved	ND	0.003	"	ND	20
Magnesium - Dissolved	29.2	0.056	"	29.8	1.93 20
Manganese - Dissolved	0.899	0.006	"	0.915	1.81 20
Nickel - Dissolved	0.011	0.006	"	0.011	5.05 20
Potassium - Dissolved	6.15	0.056	"	6.29	2.34 20
Selenium - Dissolved	ND	0.011	"	ND	20
Silver - Dissolved	ND	0.006	"	ND	20
Sodium - Dissolved	32.2	0.111	"	32.6	1.17 20
Thallium - Dissolved	ND	0.006	"	ND	20
Vanadium - Dissolved	ND	0.011	"	ND	20
Zinc - Dissolved	0.035	0.011	"	0.038	6.86 20



Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ50632 - EPA 3015A

Matrix Spike (BJ50632-MS1)		*Source sample: 15J0211-04 (GW01_10.6.15)					Prepared: 10/13/2015 Analyzed: 10/14/2015				
Antimony - Dissolved	0.274	0.006	mg/L	0.278	ND	98.8	75-125				
Arsenic - Dissolved	2.26	0.004	"	2.22	ND	102	75-125				
Barium - Dissolved	2.36	0.011	"	2.22	0.132	100	75-125				
Beryllium - Dissolved	0.056	0.001	"	0.0556	ND	101	75-125				
Cadmium - Dissolved	0.056	0.003	"	0.0556	ND	101	75-125				
Chromium - Dissolved	0.221	0.006	"	0.222	ND	99.5	75-125				
Cobalt - Dissolved	0.551	0.006	"	0.556	ND	99.2	75-125				
Copper - Dissolved	0.287	0.003	"	0.278	0.008	100	75-125				
Iron - Dissolved	1.16	0.022	"	1.11	0.028	102	75-125				
Lead - Dissolved	0.554	0.003	"	0.556	ND	99.8	75-125				
Manganese - Dissolved	1.46	0.006	"	0.556	0.915	98.3	75-125				
Nickel - Dissolved	0.563	0.006	"	0.556	0.011	99.3	75-125				
Selenium - Dissolved	2.25	0.011	"	2.22	ND	101	75-125				
Silver - Dissolved	0.051	0.006	"	0.0556	ND	92.3	75-125				
Thallium - Dissolved	2.24	0.006	"	2.22	ND	101	75-125				
Vanadium - Dissolved	0.548	0.011	"	0.556	ND	98.6	75-125				
Zinc - Dissolved	0.568	0.011	"	0.556	0.038	95.4	75-125				

Reference (BJ50632-SRM1)		Prepared: 10/13/2015 Analyzed: 10/14/2015									
Aluminum - Dissolved	1.32		ug/mL	1.28		103	82.2-115.7				
Antimony - Dissolved	0.197		"	0.210		93.6	75.2-121				
Arsenic - Dissolved	0.244		"	0.240		102	80.4-118.7				
Barium - Dissolved	0.461		"	0.480		96.0	85-115				
Beryllium - Dissolved	0.289		"	0.300		96.2	85-115				
Cadmium - Dissolved	0.893		"	0.940		95.0	85-115				
Calcium - Dissolved	102		"	107		95.2	86-114				
Chromium - Dissolved	0.388		"	0.400		96.9	85-115				
Cobalt - Dissolved	0.812		"	0.820		99.1	85-115				
Copper - Dissolved	0.752		"	0.760		98.9	85-115				
Iron - Dissolved	2.08		"	2.12		98.0	85-115				
Lead - Dissolved	0.688		"	0.700		98.3	85-115				
Magnesium - Dissolved	17.3		"	17.9		96.6	86-114				
Manganese - Dissolved	1.42		"	1.46		97.0	85-115				
Nickel - Dissolved	1.80		"	1.86		96.9	88.6-112				
Potassium - Dissolved	26.3		"	29.1		90.4	84.9-115				
Selenium - Dissolved	0.452		"	0.460		98.2	85-115				
Silver - Dissolved	0.549		"	0.600		91.6	85-115				
Sodium - Dissolved	92.1		"	99.8		92.2	85-115				
Thallium - Dissolved	0.350		"	0.370		94.5	81.4-116.8				
Vanadium - Dissolved	1.06		"	1.12		94.5	85-115				
Zinc - Dissolved	0.549		"	0.560		98.0	85-115				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50373 - EPA 7473 water											
Blank (BJ50373-BLK1)						Prepared: 10/08/2015 Analyzed: 10/09/2015					
Mercury	ND	0.00020	mg/L								
Mercury - Dissolved	ND	0.00020	"								
Duplicate (BJ50373-DUP1)						*Source sample: 15J0211-04 (GW01_10.6.15) Prepared: 10/08/2015 Analyzed: 10/09/2015					
Mercury	ND	0.00020	mg/L		ND					20	
Mercury - Dissolved	ND	0.00020	"		ND					20	
Matrix Spike (BJ50373-MS1)						*Source sample: 15J0211-04 (GW01_10.6.15) Prepared: 10/08/2015 Analyzed: 10/09/2015					
Mercury - Dissolved	0.00180		mg/L	0.00200	ND	89.8	75-125				
Mercury	0.00189		mg/kg	0.00200	ND	94.4	75-125				
Reference (BJ50373-SRM1)						Prepared: 10/08/2015 Analyzed: 10/09/2015					
Mercury	0.00193		mg/kg	0.00230		83.8	61.3-135				
Mercury - Dissolved	0.0019271		mg/L	0.00230		83.8	61.3-135				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15J0211-01	GWTB01_10.6.15	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15J0211-02	GWFB01_10.6.15	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15J0211-03	GWDUP01_10.6.15	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15J0211-04	GW01_10.6.15	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15J0211-05	MW16_10.6.15	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15J0211-06	MW15_10.6.15	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15J0211-07	MW13_10.6.15	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15J0211-08	MW17_10.6.15	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15J0211-09	MW11_10.6.15	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15J0211-10	MW07_10.6.15	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15J0211-11	MW19_10.6.15	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15J0211-12	MW08_10.6.15	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.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-01	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
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.
M-LSRD	Original sample conc <50 X reporting limit.
M-CCBNS	Analyte in CCB above MDL. Not detected in samples.
M-BLKNS	Analyte in M-Blk above MDL. Not detected in samples.
M-ACCB	Analyte in CCB. Run is bracketed by acceptable CCBs.
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-05	Pattern resembles weathered Fuel Oil No. 2/Diesel Oil
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
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.

Corrective Action: The client activated sample MW-29 on 10/12/15 for analysis (petroleum identification).

YORK

ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

Page 1 of 2

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York Project No. 1550211

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type	
Company: <u>Langan Engineering</u>	Company: <u>Same</u>	Company: <u>Same</u>									
Address: <u>555 Long Wharf Dr.</u>	Address:	Address:									
<u>New Haven, CT 06511</u>	Phone No.:	Phone No.:									
Phone No. <u>203-562-5771</u>	Attention:	Attention:									
Contact Person: <u>Kyle Balaski</u>	E-Mail Address:	E-Mail Address:									
E-Mail Address: <u>Kbalaski@langan.com</u>											
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) <u>Kyle Balaski</u> Name (printed) <u>Kyle Balaski</u>											
Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below								
GWTB01 - 10.6.15	10/6/15 00:00	AQ	TCL VOCs								
GWFB01 - 10.6.15	13:00	AQ	SVOCs, TAL Metals (filtered & unfiltered)								
GWDP01 - 10.6.15	00:00	GW	SVOCs, TAL Metals (filtered & unfiltered)								
MS/MSD-GW01 - 10.6.15	09:08		SVOCs, TAL Metals (filtered & unfiltered)								
MW16 - 10.6.15	09:08		SVOCs, TAL Metals (filtered & unfiltered)								
MW15 - 10.6.15	09:30		SVOCs, TAL Metals (filtered & unfiltered)								
MW13 - 10.6.15	11:15		SVOCs, TAL Metals (filtered & unfiltered)								
MW17 - 10.6.15	11:45		SVOCs, TAL Metals (filtered & unfiltered)								
MW11 - 10.6.15	12:50		SVOCs, TAL Metals (filtered & unfiltered)								
MW07 - 10.6.15	13:40		SVOCs, TAL Metals (filtered & unfiltered)								
Comments: <u>most meet criteria</u> <u>we analyze NYSDC Part 375 full test</u>			Preservation Check those Applicable 4°C ☐ Frozen ☐ HCl ☐ MeOH ☐ HNO₃ ☐ NaOH ☐ Other ☐			Samples Relinquished By <u>Dec. 10/15/10</u> Date/Time <u>10/15/10</u> Samples Relinquished By <u>Dec. 10/15/10</u> Date/Time <u>10/15/10</u>			Temperature on Receipt <u>3.7</u> °C		

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Page 2 of 2

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York Project No. 15J0211

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type/Deliverables	
Company: <u>Langan Engineering</u>	Company: <u>same</u>	Company: <u>same</u>		Company: <u>same</u>		140115301		RUSH - Same Day ☐	Summary Report		
Address: <u>555 Long Wharf Dr.</u>	Address:	Address:		Address:				RUSH - Next Day ☐	Summary w/ QA Summary		
Phone No. <u>203-562-5741</u>	Phone No.	Phone No.		Phone No.				RUSH - Two Day ☐	CT RCP Package		
Attention: <u>Kyle Zalaski</u>	Attention:	Attention:		Attention:				RUSH - Three Day ☐	NY ASP A Package ☒		
E-Mail Address: <u>KZalaski@langan.com</u>	E-Mail Address:	E-Mail Address:		E-Mail Address:				RUSH - Four Day ☐	NY ASP B Package ☒		
				Samples from: CT ☐ NY ☒ NJ ☐				Standard(5-7 Days) ☒			
				Purchase Order No.							
				Matrix Codes							
				S - soil							
				Other - specify (oil, etc.)							
				WW - wastewater							
				GW - groundwater							
				DW - drinking water							
				Air-A - ambient air							
				Air-SV - soil vapor							
				Sample Matrix							
				Date Sampled							
				MW 19 - 10.6.15							
				MW 28 - 10.6.15							
				MW 29 - 10.6.15							
				TCL VOCs							
				TCL VOCs							
				Petroleum I.D. * HOLD*							
				Choose Analyses Needed from the Menu Above and Enter Below							
				Container Description(s)							
				3 vials							
				3 vials							
				1 plastic							
				Special Instructions							
				Field Filtered ☐							
				Lab to Filter ☒							
				Common Miscellaneous Parameters							
				Full Poll.							
				TCL Organics							
				TAL MeCN							
				Full TCLP							
				Full App. IX							
				Sieve Anal.							
				Heterotrophs							
				TOX							
				BTU/lb.							
				Aquatic Tox.							
				TOC							
				Asbestos							
				pH							
				MBAS							
				TPH 1664							
				Special							
				Color							
				Phenols							
				Cyanide-T							
				Cyanide-A							
				BOD5							
				BOD28							
				COD							
				Oil & Grease							
				TSS							
				Total Solids							
				TDS							
				TPH 1664							
				Temperature on Receipt							
				3.7 °C							

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Field Chain-of-Custody Record

Page 2 of 2

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York Project No. _____

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type/Deliverables	
Company: <u>Longen Engineering</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	RUSH - Same Day ☐	RUSH - Next Day ☐	Summary Report _____	Summary w/ QA Summary _____	CT RCP Package _____	NY ASP A Package _____	NY ASP B Package ☒	Electronic Deliverables: _____
Address: <u>555 Long Ave of Dr</u>	Address: _____	Address: _____	Address: _____	RUSH - Two Day ☐	RUSH - Three Day ☐	Standard (Specify Type) <u>Excel</u>	Excel ☒	EDD (Specify Type) <u>Excel</u>			
Phone No. <u>203-560-5771</u>	Phone No. _____	Phone No. _____	Phone No. _____			Purchase Order No. _____					
Contact Person: <u>Kyle Zaleski</u>	Attention: _____	Attention: _____	Attention: _____			Samples from: CT ☒ NY ☒ NJ ☐					
E-Mail Address: <u>Kyle.Zaleski@LongenEng.com</u>	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) Kyle Zaleski
Name (printed) Kyle Zaleski

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container	Description(s)
MW19 10.6.15	10/6/15	GW	TCL VOCs	300s	300s
MW28 10.6.15	10/6/15	↓	TCL VOCs	300s	300s
MW29 10.6.15	10/6/15	○	Petroleum I.D. *HOLD*	1 plastic	1 plastic
10/12/15: Please run analysis. <u>Kyle Zaleski</u>					

Comments	Preservation Check those Applicable	4°C	Frozen	HCl	MeOH	HNO ₃	H ₂ SO ₄	NaOH	Temperature on Receipt
Res must meet criteria									
Please analyze NYDEC for 375 full list (E)									
Used analysis will be changed by Longen (See Lidya)*									

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
<u>Kyle Zaleski</u>	<u>10/15/15</u>	<u>Kyle Zaleski</u>	<u>10/15/15</u>
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time