Periodic Review Report

Former Consolidated Iron and Metal

EPA Site Number: NY0002455756
NYSDEC Site Number: 336055

Washington Avenue
City of Newburgh
Orange County, New York

THE Chazen COMPANIES®
Proud to be Employee Owned
Engineers
Land Surveyors
Planners
Environmental & Safety Professionals
Landscape Architects

Prepared for:

City of Newburgh
83 Broadway
Newburgh, NY 12550

December 21, 2015

©2014 The Chazen Companies

Periodic Review Report

Former Consolidated Iron and Metal

EPA Site Number: NY0002455756

NYSDEC Site Number: 336055

Washington Avenue

City of Newburgh

Orange County, New York

December 21, 2015

THE Chazen COMPANIES®

Proud to be Employee Owned

Engineers
Land Surveyors
Planners
Environmental & Safety Professionals
Landscape Architects

Prepared by:

Chazen Engineering, Land Surveying & Landscape Architecture Co., D.P.C..

21 Fox Street

Poughkeepsie, New York 12601

(845) 454-3980

Capital District Office *(518) 273-0055*

North Country Office *(518) 812-0513*

ALL RIGHTS RESERVED. COPY OR REPRODUCTION OF THIS DRAWING OR DOCUMENT, OR ANY PORTION THEREOF, WITHOUT THE EXPRESS WRITTEN PERMISSION OF CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE CO., D.P.C. IS PROHIBITED. THIS DRAWING OR DOCUMENT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR ANY PURPOSE OTHER THAN THE SPECIFIC PROJECT, APPLICATION AND SITUATION FOR WHICH IT WAS INTENDED. ANY MODIFICATION OF THIS DRAWING OR DOCUMENT, OR ANY USE FOR ANY PROJECT, APPLICATION OR SITUATION OTHER THAN THAT FOR WHICH IT WAS INTENDED, WILL BE AT USER'S SOLE RISK AND WITHOUT LIABILITY TO CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE CO., D.P.C.
IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW FOR ANY PERSON TO ALTER THIS DRAWING OR DOCUMENT IN ANY WAY, UNLESS HE OR SHE IS ACTING UNDER THE DIRECTION OF A LICENSED DESIGN PROFESSIONAL (PROFESSIONAL ENGINEER, LAND SURVEYOR, ARCHITECT OR LANDSCAPE ARCHITECT). IF THIS DRAWING OR DOCUMENT IS ALTERED, THE ALTERING DESIGN PROFESSIONAL SHALL AFFIX TO THE DRAWING OR DOCUMENT HIS OR HER SEAL, THE NOTATION "ALTERED BY" FOLLOWED BY HIS OR HER SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Table of Contents

1.0 INTRODUCTION 1

1.1 SITE HISTORY 1

1.2 SITE MANAGEMENT 2

2.0 ENGINEERING AND INSTITUTIONAL CONTROLS 3

2.1 SITE SURVEY 3

2.2 SITE INSPECTION 4

2.3 SITE MONITORING 5

3.0 MONITORING RESULTS 6

3.1 WATER TABLE 6

3.2 WATER QUALITY PARAMETERS 7

3.3 VOLATILE ORGANIC COMPOUNDS 7

3.4 SEMIVOLATILE ORGNAIC COMPOUNDS 8

3.5 PCBS & PESTICIDES 9

3.6 TAL METALS 9

3.7 QA/QC Sampling Results 10

4.0 DATA REVEIW 11

4.1 SVOCS, PCBs, and PESTICIDES 11

4.2 VOCS 11

4.3 METALS 12

5.0 SITE EVALUATION 13

5.1 EVALUATION..... 13

5.2 CONCLUSIONS..... 13

5.3 RECCOMENDATIONS..... 14

LIST OF FIGURES

Figure 1: Site Location Map
Figure 2: Site Topography Map
Figure 3: Groundwater Contours Sketch

LIST OF TABLES

TABLE 1: Laboratory Analytical Results for VOCs
TABLE 2: Laboratory Analytical Results for SVOCs
TABLE 3: Laboratory Analytical Results for PCBS and Pesticides
TABLE 4: Laboratory Analytical Results for TAL-Metals

APPENDICIES

Appendix A: EC/C Certification Form
Appendix B: Survey Data
Appendix C: Visual Inspection Logs
Appendix D: Site Sampling Logs
Appendix E: Laboratory Report

1.0 INTRODUCTION

At the request of the City of Newburgh, Chazen Engineering, Land Surveying & Landscape Architecture Co., D.P.C. (Chazen) prepared this Periodic Review Report (PRR) for submission to the United States Environmental Protection Agency (EPA) and the New York State Department of Environmental Conservation (NYSDEC). The report describes the Former Consolidated Iron and Metal Property (the "Site"), located at 1 Washington Street, City of Newburgh, Orange County, New York. A Site Location Map is included as Figure 1.

The PRR was prepared in compliance with NYSDEC DER-10 and the general requirements of the Site Management Plan (SMP) prepared by CT Male, Inc. approved by the EPA on June 27, 2014. This is the first PRR prepared for the Site since completion of the Remedial Action Program for the Site. It establishes post-remedy baseline conditions for the Site to be used for evaluation of the current and future continued effectiveness of the remedial actions performed on site.

The Site is an approximately 8.3-acre parcel of vacant land abutting the western shore of the Hudson River bounded by an active marina to the north, CSX railway and Water Street to the west, and the City Sewer Treatment plant to the south. The site is relatively flat with a gentle dip to the east.

1.1 SITE HISTORY

An extensive history of Site operations, investigations, and remedial actions performed to date is included in the approved Site Management Plan. A brief summary is included below:

The Site was historically used as a shipyard from the early 1900s through the 1940s and then for scrap metal collection and reclamation until that business closed in 1999. Scrap metal processing and storage operations took place at the site for approximately 40 years. These operations resulted in the on-site accumulation of hazardous wastes that included volatile and semivolatile organic compounds, polychlorinated biphenyls, and heavy metals.

A number of investigations and removal actions were performed by EPA and NYSDEC between 1998 and 2013 resulting in the removal of above-grade wastes and debris, and the excavation and off-site disposal of impacted soils from grade to six feet below grade or the water table.

Residual soil impacts remained at concentrations less than or equal to the Restricted-Residential Use Soil Clean-up Objectives pf 6 NYCRR 375-6.8(b). A demarcation barrier-layer and protective clean soil cover system was placed across the site to restrict potential human contact with the residually impacted soils.

Residual groundwater impacts remain at the Site that exceed ambient water quality standards. However, groundwater in the area is not used for potable drinking water and there are no significant downgradient ecological resources aside from the Hudson River which provides substantial immediate impact mitigation via dilution.

Potential Soil Vapor Intrusion (SVI) was NOT evaluated. There are no on-site buildings at this time, and the potential for SVI to adversely impact to off-site buildings was determined to be insignificant.

Based on the work completed for the Site, the site was reclassified in August 2014 to a Class 4 Site on the New York State Registry of Inactive Hazardous Waste Sites. This status indicates that remediation has been completed to the point where the site no longer poses an immediate threat to human health or the environment. However, continued site management is required until all on-site media achieve the Remedial Action Objective.

1.2 SITE MANAGEMENT

The detailed requirements for Site Management are specified in the SMP and summarized as follows:

- Periodic visual inspection of approved Engineering Controls and appropriate maintenance as warranted;
- Compliance with the approved Institutional Controls with appropriate notification and implementation of protective measures if site uses are altered;
- Periodic monitoring of environmental media to evaluate the continued effectiveness of the remedy; and,
- Periodic reporting

Based on the currently approved schedule included in the SMP, each of these tasks is to be completed once annually or more frequently as warranted.

As this is the first annual inspection and review of the Site since the completion of remedial action in 2013 and approval of the SMP in 2014, three additional one-time punch-list items are included in this report.

Attached are:

- A detailed topographic survey map of the site;
- A table of monitoring well locations and elevation data for key well construction features; and,
- Revised copies of the post-closure well construction logs.

2.0 ENGINEERING AND INSTITUTIONAL CONTROLS

A detailed description of the Engineering Controls (ECs) and Institutional Controls (ICs) for the Site is included in the SMP and summarized below.

The ECs include:

- A soil cover system (including the shoreline erosion control blanket and drainage); and,
- A site perimeter fence to restrict site access.

The ICs include:

- An environmental easement that requires;
    - Periodic inspection and maintenance (as required) of the ECs,
    - Periodic monitoring of on-site media;
    - Restrictions on future Site development and uses;
    - Requirements for modifications to future site uses;
    - Requirements for notification and approval of modifications/disturbance to the ECs;
    - Requirements for evaluation of potential vapor impacts associated with future redevelopment of the Site; and,
- Periodic evaluation of the effectiveness of the remedy.

Visual assessment of ECs for the site were conducted by Chazen personnel on November 11, 2015. The results are described in the Section 2.1. Periodic sampling was performed on November 10 and 11, 2015. The sampling methods and procedures are described in Section 2.2 and the results reported in Section 3. A one-time only Site survey was performed on November 12, 2015 to establish baseline conditions for future evaluation of the Site. The survey is described in Section 2.3.

The EC/IC certification form is attached in **Appendix A**.

2.1 SITE SURVEY

The site is rectangular vacant parcel approximately 450 feet wide (east to west) and 800 feet long (north to south). It is a relatively planar site with a gentle dip from west to east, descending to the shoreline of the Hudson River. There is a standard 96”-high perimeter security fence on the northern, western, and southern property boundary with an access gate in the southwest corner.

A topographic survey of the Site was completed by Chazen on November 12, 2015 to document the final grades of the Site for comparison to future site conditions to assess changes from settling/compaction or erosion. The topographic map of the Site at 1:360 scale (1–inch equals 30 feet) with 1-foot contour intervals is included as **Figure 2.**

Key construction feature (grade and top of casing/MP) elevations were surveyed for each of the 10 existing groundwater monitoring wells. The measuring point elevation data were used for determining water table elevations in the wells and for evaluating directions of groundwater flow. The elevation

data were also added to the original construction logs prepared by GeologicNY included in the SMP. A table with the surveyed well data and the revised construction logs are included in **Appendix B**.

2.2 SITE INSPECTION

Visual inspection of the site was performed by Chazen personnel on November 11, 2015. Commencing at the northwest corner of the site, the site perimeter was traversed in a clockwise direction to observe the condition of the perimeter fence and erosion control blanket along the river front. After inspecting the perimeter, three sub-parallel traverses, north-to south, were walked to observe the condition of the soil cover and drainage networks. A site map with the approximate locations of the traverses and a photo log of the visual inspection is included in **Appendix C**.

The following observations were noted during the site walk:

- A section of what initially appeared to be geotextile approximately 5 feet wide by 20 foot in length was observed at the surface inside and adjacent to the Site fence line near the northeastern corner of the Site. Upon closer inspection it appeared to be one or more polyvinyl tarps laying on the surface and not an exposed section of the buried demarcation barrier layer. (See Photo 133336).

- The perimeter fence appeared to be intact with no evidence of tampering or damage. Vegetation in some areas (see 133372, 133727, and 133824) could damage the fence if allowed to continue to grow, but have not yet caused an issue.

- There is a small stack of metal frames along the western fence line (133916). The label on the top piece identifies it as a B-TEK portable truck scale system. The materials looks new and serviceable.

- The eastern boundary abutting the Hudson River is steeply sloped stabilized by a heavy rip-rap erosion blanket approximately 25 feet wide. Base on the recent topographic survey, the rip-rap extends from an elevation 8 feet AMSL to approximately 0 feet AMSL. Some evidence of flooding by the river is visible along the shoreline. Large pieces of driftwood (see 133549, 133555) have been deposited along the eastern shore and on-site up to about 9 feet AMSL. No evidence of significant scouring or sloughing of the soils from surface drainage or development of surface drainage channels or swales were observed. Standing water was observed in shallow surface depressions presumably from heavy rains the day before the site visit.

- With the exception of the gravel access road along the north property line, the site is uniformly vegetated with small trees and shrubs along the fence line, and wild grass, flowers, and weeds in the open field area. A few small scrub bushes were observed but no heavy growth of brush or thickets were observed in the field.

- Brush and woody plants are establishing themselves along the top edge of the erosion blanket (rip-rap) along the Hudson shoreline (see 133403, 133540, 133543). Presumably, these plants are establishing themselves where it is difficult for standard lawn care equipment to control/manage the growth. Vegetation of the erosion blanket should increase its stability and effectiveness.

- No evidence of vermin, burrows, or warrens that could potentially damage the protective cover were observed on-site

2.3 SITE MONITORING

One round of groundwater samples was collected from the 10 existing on-site groundwater monitoring wells. Seven wells were sampled on November 10, 2015 and three of the wells were sampled the following morning on November 11, 2015The locations of the wells are included on the site survey map (Figure 2).

Prior to sampling, all of the wells was visually inspected for evidence of damage and/or tampering and appeared to be intact with no evidence of damage and secure with all locks, locking caps, and friction caps in-place. The wells were opened and the headspace above the water table inside the well riser was screened with a photoionization detector for volatile organic compound emissions. The depth to water and depth to bottom were then measured with an electronic interface probe to the nearest 0.01 feet and recorded in the field log and included on the field sampling logs.

The measured depth to bottom was compared to the well construction log for each well to determine if the screen interval was open or if redevelopment was necessary. None of the wells exhibited significant siltation that would warrant redevelopment.

The wells were sampled by low-flow sampling using a peristaltic pump at a pumping rate ranging from 0.05 to 0.15 gallons per minute. The depth to water in the well and Water Quality Parameters (WQPs) were measured and recorded every five-minutes. The WQPs (temperature, pH, specific conductance, oxidation-reduction potential, and dissolved oxygen) were measured with an YSI multi-parameter water quality meter. Pumping continued until drawdown and the WQPs stabilized. The data was recorded in the field logs and included on the sampling logs attached in **Appendix D**.

Immediately after purging, groundwater samples were collected from the well into laboratory supplied sample containers, recorded on the chain-of-custody, and placed in an in an ice-filled cooler. The seven samples collected on November 10, 2015 were held overnight in Chazen's locked sample cooler at our Poughkeepsie office. The three samples collected on November 11, 2015 were added to the held cooler from the previous day sampling and a single sample shipment was transported directly to the laboratory by courier. All samples were collected in less than a 24-hour period and arrived at the lab within the specified holding time and at appropriate temperature.

The groundwater samples were submitted for laboratory analysis in compliance with the sampling and analysis plan included in the SMP. All samples were submitted for the Target Compound List (TCL) of Volatile and Semivolatile Organic Compounds, Pesticides, Herbicides, and the Target Analyte List of 23 Metals. Quality Control/Quality Assurance samples were also collected to evaluate data quality.

One Field Duplicate (from MW-02) and one Equipment Blank from the peristaltic pump) were submitted for all parameters. A Matrix Spike/Matrix Spike Duplicate (MS/MSD) for VOCs (from MW-05) and a MS/MSD for SVOCs (from MW-06) were also collected and submitted. Samples were analyzed using ASP methods with standard Class A deliverable data deliverables.

3.0 MONITORING RESULTS

3.1 WATER TABLE

The depth to water from the surveyed measuring point elevation for each well was used to determine the water table elevation in each well. The elevations above mean sea level (AMSL) of the Measuring Points (MP), Surface Grade (GS), length of well Stick Up (SU) and Depth to Water (DTW), and calculated elevation of the Water Table (WT) are included in the table below.

Well ID	MP (AMSL)	GS (AMSL)	SU (ft)	DTW (ft)	WT (AMSL)
MW-01	18.01	15.00	3.01	15.19	2.82
MW-02	13.99	11.17	2.82	13.21	0.78
MW-03	13.26	10.15	3.10	12.73	0.53
MW-04	11.74	8.77	2.98	11.32	0.42
MW-05	11.52	8.45	3.07	10.98	0.54
MW-06	10.50	7.84	2.66	9.34	1.16
MW-07	10.76	7.99	2.77	10.28	0.48
MW-08	10.85	8.14	2.71	10.46	0.39
MW-09	15.69	12.35	3.34	13.9	1.79
MW-10	11.13	8.47	2.66	10.55	0.58

Elevations in NAVD88

The data were plotted on the site survey map and used to generate a groundwater contour sketch of the site. A copy of the sketch is included as **Figure 3**.

A review of tidal data for the Hudson River on November 10, 2015 indicates that the high-high tide was 3.2 feet AMSL at 10:55 am. Low tide was at 0.1 feet AMSL at 05:01 hrs and 17:31 hrs. The wells were gauged once in the morning before high tide and again later in the day. The tidal influence on the water level data in the wells is presented in the table below.

Well	Initial		Pre-Sample		Tidal Influence		
	Time	DTW (ft)	Time	DTW (ft)	Elapsed (min)	Change (ft)	dh/dt (ft/min)
MW-01	10:55	15.19	11:35	15.17	40	-0.02	-5.00E-04
MW-09	10:55	13.9	13:06	13.83	131	-0.07	-5.34E-04
MW-02	10:55	13.21	12:50	13.13	115	-0.08	-6.96E-04
MW-05	10:55	10.98	14:23	10.82	208	-0.16	-7.69E-04
MW-10	10:55	10.55	15:37	10.44	282	-0.11	-3.90E-04
MW-03	10:55	12.73	14:25	12.51	210	-0.22	-1.05E-03
MW-07	10:55	10.28	15:45	10.20	290	-0.08	-2.76E-04

The effect of tidal influence on groundwater chemistry is outside the scope of the SMP and may be inconsequential since net groundwater migration toward the Hudson River may be safely presumed, however, future sampling events could attempt to be coordinated with the tide cycle.

3.2 WATER QUALITY PARAMETERS

Water quality parameters collected in the field during the sampling event are included on the sampling data sheets included in Appendix C. The final WQPs just prior to sampling at each well are included in the table below.

Well ID	Temp (°C)	pH	SC (µS/cm²)	ORP (mV)	DO (mg/l)	Well ID	Temp (°C)	pH	SC (µS/cm²)	ORP (mV)	DO (mg/l)
MW-01	15.8	6.79	2397	-58.2	0.27	MW-03	15.0	7.08	1117	-102.0	4.40
MW-02	15.4	6.74	1536	-43.3	0.20	MW-04	15.2	7.20	799	-112.0	2.34
MW-05	15.5	7.15	1712	-142.4	0.19	MW-07	14.9	7.20	977	-105.6	3.09
MW-10	15.1	7.17	1160	-88.6	0.19	MW-08	14.8	7.07	702	39.4	2.79
MW-06	15.6	7.50	925	-87.4	2.15	MW-09	14.0	7.59	1429	80.6	4.46

Chazen notes a bimodal nature in the WQP values, most evident in the specific conductance, ORP and DO values roughly correlating to locations north of and south of the remedial site excavation area. The table above is divided into the wells north of the deep site excavation area (MW-01, MW-02, MW-05, MW-06 and MW-10) and south of the Site's remedial excavation area (MW-03, MW-04, MW-07, MW-08, MW-09) although MW-06 does not appear to perfectly fit the suggested association. The averages for the WQPs for each well group suggests a slight but notable difference in the water quality.

Well Group	Temp (°C)	pH	SC (µS/cm²)	ORP (mV)	DO (mg/l)
North	15.5	7.0	1701.3	-83.1	0.2
South	14.9	7.3	991.5	-47.8	3.2

MW-06 was left out of the calculation of the averages above because the water table elevation (1.12 ft AMSL) reported in this well indicates this well is strongly influenced by the tide cycle, perhaps contributing to why its WQP values differ from the other wells north of the former remedial site excavation area.

3.3 VOLATILE ORGANIC COMPOUNDS

A total of eleven VOCs were detected in one or more of the groundwater samples at concentrations that exceed the method detection limits for TCL/SOM (low level) analysis. Five of these compounds, benzene, toluene, ethylbenzene, xylene, and methyl tert-butyl ether (BTEX & MTBE) were detected in one or more samples at concentrations that exceed water standards.

Benzene was detected in two wells, MW-01 and MW-09, at 37 µg/l and 1.2 µg/l, respectively. Toluene, Ethylbenzene, and Xylene were detected in MW-01 at 5.30 µg/l, 55 µg/l, and 5.6 µg/l, respectively.

MTBE was detected in MW-02, MW-03, MW-04, MW-05, MW-06, MW-07, and MW-10. The concentration of MTBE was reported at less than the applicable standard in all wells except for MW-03 and MW-07 where it was reported at 11 µg/l and 12 µg/l respectively.

A "hit" summary for VOCs is included in the table below. The summary includes only compounds detected at or above standards in one or more samples. The laboratory results for all VOCs are included in **Table 1**.

Sample ID		**MW-01**		**MW-02**		**MW-03**		**MW-04**		**MW-05**	
Lab ID	**AWQS**	**15K0438-01**		**15K0438-02**		**15K0438-07**		**15K0438-12**		**15K0438-03**	
Compound		**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**
Benzene	1	**37**		0.20	U	0.20	U	0.20	U	0.20	U
Toluene	5	**5.30**		0.20	U	0.20	U	0.20	U	0.20	U
Ethyl Benzene	5	**55**		0.20	U	0.20	U	0.20	U	0.20	U
Xylenes, Total	5	**5.60**		0.60	U	0.60	U	0.60	U	0.60	U
MTBE	10	0.20	U	0.88		**11**		2		5.60	
Sample ID		**MW-06**		**MW-07**		**MW-08**		**MW-09**		**MW-10**	
Lab ID	**AWQS**	**15K0438-10**		**15K0438-08**		**15K0438-11**		**15K0438-09**		**15K0438-04**	
Compound		**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**
Benzene	1	0.20	U	0.20	U	0.20	U	**1.20**		0.20	U
Toluene	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Ethyl Benzene	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Xylenes, Total	5	0.60	U	0.60	U	0.60	U	0.60	U	0.60	U
MTBE	10	0.41	J	**12**		0.20	U	0.20	U	2.10	

AWQS = NYS Ambient Water Quality Standards per TOGS 111

U = Not detected at or above Method Detection Limit (MDL)

J = estimated; compound detected at concentration < reporting limit but > MDL

3.4 SEMIVOLATILE ORGNAIC COMPOUNDS

A total of 12 SVOCs were detected in one or more of the groundwater samples at concentrations that exceeded the MDL for SVOC/SOM (low level) analysis. Two of these compounds, Naphthalene and Bis (2-ethylhexyl) phthalate were reported at a concentration that exceeds the applicable standards. Naphthalene was reported in MW-01 at a concentration of 21.4 µg/l and Bis (2-ethylhexyl) phthalate was reported at 24.5 µg/l in MW-08.

The compound 2-Methyl Naphthalene was also reported in MW-01 at a concentration of 8.51 µg/l but there is no standard for this compound.

A "hit" summary for SVOCs is included in the table below. Since the May 2013 sampling event did not include SVOC analysis the summary includes any compound that was detected at or above the MDL in one or more samples. The laboratory results for all SVOCs are included in **Table 2**.

Sample ID		**MW-01**		**MW-02**		**MW-03**		**MW-04**		**MW-05**	
York ID	**AWQS**	**15K0438-01**		**15K0438-02**		**15K0438-07**		**15K0438-12**		**15K0438-03**	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
2-Methylnaphthalene	~	8.15		2.56	U	2.56	U	2.63	U	2.56	U
Acenaphthene	20	2.56	U	0.051	U	1.74		0.053	U	0.55	
Acenaphthylene	~	2.56	U	0.051	U	0.082		0.053	U	0.051	
Anthracene	50	2.56	U	0.051	U	0.31		0.053	U	0.082	
Bis(2-ethylhexyl)phthalate	5	2.56	U	0.51	U	0.51	U	0.53	U	0.51	U
Caprolactam	~	2.56	U	2.56	U	2.56	U	2.63	U	2.56	U
Carbazole	~	2.56	U	2.56	U	2.56	U	2.63	U	2.56	U
Fluoranthene	50	2.56	U	0.051	U	0.53		0.053		0.41	
Fluorene	50	2.56	U	0.22		1.18		0.32		0.34	
Naphthalene	10	**21.40**	D	0.051	U	0.051		0.053	U	0.062	
Phenanthrene	50	2.56	U	0.051	U	1.28		0.053	U	0.34	
Pyrene	50	2.56	U	0.051	U	0.43		0.063		0.44	
Sample ID		**MW-06**		**MW-07**		**MW-08**		**MW-09**		**MW-10**	
York ID	**AWQS**	**15K0438-10**		**15K0438-08**		**15K0438-11**		**15K0438-09**		**15K0438-04**	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
2-Methylnaphthalene	~	2.56	U	2.56	U	2.63	U	2.56	U	2.56	U
Acenaphthene	20	0.16		0.83		0.053	U	0.051	U	0.082	
Acenaphthylene	~	0.062		0.051	U	0.053	U	0.051	U	0.051	U
Anthracene	50	0.051	U	0.25		0.053		0.051	U	0.051	U
Bis(2-ethylhexyl)phthalate	5	0.51	U	0.51	U	24.50		0.68		1.38	
Caprolactam	~	2.56	U	2.56	U	2.63	U	2.56	U	2.56	U
Carbazole	~	2.56	U	2.56	U	2.63	U	2.56	U	2.56	U
Fluoranthene	50	0.051	U	0.44		0.17		0.051	U	0.051	U
Fluorene	50	0.051	U	0.53		0.053	U	0.051	U	0.52	
Naphthalene	10	0.051	U	0.051	U	0.053	U	0.051	U	0.14	
Phenanthrene	50	0.051	U	1.17		0.11		0.051	U	0.051	U
Pyrene	50	0.051	U	0.46		0.053	U	0.051	U	0.16	

AWQS = NYS Ambient Water Quality Standards per TOGS 111

U = Not detected at or above Method Detection Limit (MDL)

J = estimated; compound detected at concentration < reporting limt but > MDL

Bold = Exceeds applicable standard

3.5 PCBS & PESTICIDES

No PCBS or pesticides were detected in the groundwater samples collected from the Site. The complete table of PCBs and Pesticides is included as **Table 3**.

3.6 TAL METALS

A total of 13 out of 23 regulated metals were detected in one or more groundwater samples at a concentration that exceeded the MDLs. Of these, Arsenic, Lead, Magnesium, Manganese, Selenium, and Sodium were detected in one or more samples at a concertation that exceeded the applicable standard.

A "hit" summary for Metals is included in the table below. The summary includes any compound that was detected at or above the applicable standard on one or more samples. The laboratory results for all Metals are included in **Table 4**.

Sample ID		**MW-01**		**MW-02**		**MW-03**		**MW-04**		**MW-05**	
York ID	**AWQS**	**15K0438-01**		**15K0438-02**		**15K0438-07**		**15K0438-12**		**15K0438-03**	
Compound		**R**	**Q**	**R**	**Q**	**R**	**Q**	**R**	**Q**	**R**	**Q**
Arsenic	25	5		**38**		15		16		6	
Lead	25	8		3	U	5		**47**		4	
Magnesium	35000	**38,200**		33,100		**58,800**		**43,700**		32,500	
Manganese	300	**6,010**		**2,060**		**309**		279		**571**	
Selenium	10	**20**		11	U	11	U	11	U	11	U
Sodium	20000	**142,000**		**72,600**		**46,600**		**53,600**		**73,000**	
Sample ID		**MW-06**		**MW-07**		**MW-08**		**MW-09**		**MW-10**	
York ID	**AWQS**	**15K0438-10**		**15K0438-08**		**15K0438-11**		**15K0438-09**		**15K0438-04**	
Compound		**R**	**Q**	**R**	**Q**	**R**	**Q**	**R**	**Q**	**R**	**Q**
Arsenic	25	5		5		10		4	U	9	
Lead	25	17		15		**45**		3	U	3	U
Magnesium	35000	34,900		27,700		24,400		23,300		28,100	
Manganese	300	**1,120**		**480**		**702**		**673**		**953**	
Selenium	10	11	U	11	U	11	U	11	U	11	U
Sodium	20000	**49,500**		**53,700**		6,190		**104,000**		**71,200**	

AWQS = NY Ambient Water Quality Standard from TOGS 111.
Results in µg/l
U = non-detect at listed MDL
Bold exceeds applicable standard.

3.7 QA/QC SAMPLE REULTS

One Trip Blank (TB), a Field Duplicate, an Equipment Blank (EB), a Matrix Spike, and a Matrix Spike Duplicate were collected during the sampling event. The TB was supplied by the laboratory. The Field Duplicate was collected directly from MW-02. An equipment blank was prepared in the field at the end of the day on November 10 immediately after sampling of MW-10. The EB was collected by pumping laboratory supplied DI water through a new piece of the peristaltic pumping sampling tube. The MS/MSD for VOCs was collected from MW-05 and the MS/MSD for SVOCS was collected from MW-06.

No issues with potential cross-contamination or laboratory quality control were identified in the results for the trip blank or in the MS/MSD sample analysis. Acetone, bis (2-ethylhexyl) phthalate, and Pyrene were detected in both MW-10 and the equipment blank. The acetone and phthalate were flagged as probable lab contaminants in the lab report. The concentration of pyrene in the EB at 0.73 µg/l was exactly the same as the concentration reported in MW-10 so the Pyrene reported in EB-1 may be a residual impact from sampling at MW-10. The laboratory data has not been independently validated. The complete laboratory analytical data report is included in **Appendix E**.

4.0 DATA REVEIW

The site related compounds of concern identified in the SMP include BTEX and MTBE, PCBs, Lead and Cadmium. However, as this was the first sampling event since the completion of the remedial action and approval of the SMP analyses of TCL-VOCs, TCL-SVOCs, PCBs, Pesticides, and TAL-Metals was performed. These results and the results of samples collected by the US EPA in May 2013 before approval of the SMP establish the baseline for future evaluation of the continued effectiveness of the remedy. Graphical comparison of the results as requested in the SMP is impractical with only one or two data points so has been not been included in this first PRR.

4.1 SVOCS, PCBs, and PESTICIDES

No pesticides were detected in the groundwater in the November 2015 sampling events and no PCBs were reported in either the November 2015 or May 2013 events.

No SVOC analysis was performed in 2013.

In 2015, Naphthalene was detected at a concentration of 21.4 µg/l in MW-01 compared to the standard of 10 µg/l; it was reported also reported at trace concentrations (< 0.5 µg/l) in MW-03, MW-05, and MW-10. Low concentrations of other SVOCs were also reported but none of them are considered site related compounds of concern. Since the naphthalene is associated with the gasoline compounds in MW-01, it can be assumed that the naphthalene will attenuate as the BTEX attenuates as demonstrated by the trace concentrations of naphthalene in wells downgradient of MW-01 that contain no residual BTEX.

Bis (2-ethylhexyl) phthalate was reported at 24.5 µg/l in MW-08 and at trace levels in MW-09 and MW-10.

4.2 VOCS

BTEX and MTBE were reported in both the 2013 and 2015 sampling events at concentrations greater than the applicable standards. BTEX was reported in both events at the two most up gradient wells (MW-01 and MW-09) only. MTBE was also reported during both sampling events in several of the downgradient wells (MW-02, MW-03, MW-04, MW-05, MW-06, MW-07, and MW-10) but not in MW-01 or MW-09.

The MTBE results for the May 2013 and November 2015 sampling events is included below. The results of the two events are comparable with four wells reporting a slight increase and four wells reporting a decrease.

Date	AWQS	MW-02	MW-03	MW-04	MW-05	MW-06	MW-07	MW-10
		Result	Result	Result	Result	Result	Result	Result
28-May-13	10.00	0.74	**10.00**	2.60	5.30	0.97	9.90	3.00
10-Nov-15	10.00	0.88	**11.00**	2.00	5.60	0.41 J	**12.00**	2.10

No definitive VOC trends can be demonstrated by two sampling events.

The BTEX concentrations in the May 2013 and November 2015 sampling events reported in MW-01 and MW-09 are included in the table below. Although the benzene concentration in MW-01 increased, the total BTEX in MW-01 decreased substantially from 824 µg/l to 102 µg/l. Benzene in MW-09 decreased from 5 µg/l to 1.2

VOC	AWQS	MW-01					MW-09			
		5/28/2013		11/10/2015			5/28/2013		11/10/2015	
		Result	Q	Result	Q		Result	Q	Result	Q
Benzene	1	**22**		**37**			**5**		**1.20**	
Toluene	5	**9.9**		**5.30**			0.5	U	0.20	U
Ethyl Benzene	5	**720**		**55**			0.5	U	0.20	U
Xylenes, Total	10	**73**		5.60			0.5	U	0.60	U

Based on this data, it is reasonable to assume that the BTEX concentration at the up gradient boundary wells will continue to decline and achieve applicable standards in a reasonable period of time unless there is an up gradient off-site sustaining source.

4.3 METALS

Cadmium and Lead are listed as COCs for the Site. Cadmium was not detected at or above the method detection limits in any of the on-site wells in either the May 2013 or November 2015 sampling event.

The concentration of lead reported in the May 2013 and November 2015 sampling events is included below. The lead is compared to the CLASS GA groundwater standard of 25 µg/l.

LEAD: AWQS GA =25		
WELL	**28-May-13**	**10-Nov-15**
MW-01	1.6	8
MW-02	U	U
MW-03	4.6	5
MW-04	5.1	**47**
MW-05	1.2	4
MW-06	**70**	17
MW-07	3.2	15
MW-08	12	**45**
MW-09	U	U
MW-10	9.2	U

The data suggest that the concentration of lead has remained the same or significantly increased in all wells except for MW-06 where it has significantly decreased.

The largest increases in lead concentrations occurred in MW-04 and MW-08, both of which are located in the deep excavation zone. This suggests that the lead was released by the disturbance of the soils and may either increase or decrease as a new equilibrium is established.

The decrease in lead concentration in MW-06 may be a long term effect of tidal influences and/or dilution effects at this location.

5.0 SITE EVALUATION

5.1 EVALUATION

The objective of the remedy was to eliminate the potential threat to human health and the environment from direct contact with impacted soils and to protect groundwater and surface water from impacts caused by the migration of dissolved site related COCs.

There are no active remediation units or systems on site that require evaluation, modification, or maintenance. The implemented ECs/ICs appear to be functioning as anticipated. The soil cover system remains in-place with no evidence of excess erosion, the erosion blanket along the river is intact with no observable evidence of failure or excess erosion, and the overall groundwater quality with respect to site related compounds of concern has remained similar or has improved since the remedy was completed.

There is some evidence in the water quality data to suggest that deep excavation area divides the site into two distinct water quality regimes.

- North of the excavation, the groundwater is oxygen deficient suggesting that aerobic degradation of hydrocarbon compounds may have occurred or is occurring which could account for the lack of BTEX in wells downgradient of MW-01.

- South of the remedial excavation, the water remains well oxygenated suggesting that the BTEX observed in MW-09 was either not extensive or was originally from the spill near MW-01 and has been separated by the deep excavation.

Either way, the lack of detection of BTEX downgradient from MW-01 or MW-09 suggests that the standards will be achieved for BTEX a when they are achieved at these two up gradient wells. The fact that MTBE is not observed in MW-01 or MW-09, and at only trace concentrations in all downgradient wells except MW-03 and MW-7 suggests that the MTBE plume from the Spill near MW-01 has differentiated and moved downgradient toward the south east and is now isolated in a pocket south of the remedial excavation. The MTBE is at or close to the applicable standard with no evidence of a sustain source in the area and should reduce over time to eventually achieve standard.

The significant increase in lead concentrations in the groundwater is likely the result of the disturbance caused by excavation. The concentration is likely to peak (or has peaked already) and should then decrease over time. Since the ICs for the site prevent the use of on-site groundwater as drinking water, the lead concentration poses no significant increased threat while the IC's are in place.

5.2 CONCLUSIONS

The selected remedy and the implemented EC/ICs appear to be achieving the goals and objectives for the site. Residually impacted soils are sufficiently covered to prevent direct exposure with no evidence of erosion of the cover system. There is no evidence that remaining residually impacted soils are negatively impacting the groundwater quality and there is some evidence that water quality is improving. Based on the currently available data and conservations of the Site, the EC/ICs are considered effective.

5.3 RECCOMENDATIONS

Recognizing that this is the first sampling round since the SMP was approved it may appear premature to recommend changes to the SAP for this Site. However, it is a responsibility of the PRR to consider and recommend appropriate changes to the SMP. Accordingly, based on the data, the following changes are recommenced with rationale provided for each.

1. Eliminate analysis for PCBs, Pesticides, and Semivolatile Organic Compounds.
    a. PCBs are not COCs and have not been detected in two sampling rounds;
    b. Pesticides are not COCs and have not been detected in two sampling rounds; and
    c. SVOCS are not COCs. Naphthalene was reported in MW-01 but only in association with the BTEX; as long as BTEX analysis continues, naphthalene need not be sampled. If BTEX falls below applicable standard and closure is contemplated, SVOCs could be analyzed again at that time to confirm associated naphthalene decline.

2. Reduce future analysis of TAL-Metals to Lead only;
    a. Although several metals were reported at elevated concentrations, Lead is the only identified site-related COC reported in the groundwater. The increase in lead concentration in a few wells warrants continued sampling and analysis for lead.

3. Reduce the monitoring well network from ten to seven wells;
    a. Given groundwater flow, the lack of representativeness in MW-06, and the lack of significant impacts in cross-gradient well MW-02 sampling at these two locations (MW-2 and MW-06) does not appear essential to evaluating site conditions or remedy effectiveness.

    b. Monitoring both MW-04 and MW-08 appears redundant. The two wells exhibit almost identical water quality and groundwater chemistry, consistent with the significant disturbance caused by the deep excavation. It would appear only one is necessary to evaluate Lead impacts over time. If one of them can be eliminated, we recommend eliminating MW-08 as it is closest to the river and more likely to be influenced by dilution effects from river tide cycle.

4. Change PRR frequency from one year to two years.
    a. Annual sampling and site inspections are a default SMP frequency for the first five years after implementation of a remedy. Given the low COC levels in groundwater, it may be reasonable to conduct annual site inspections to confirm cap and shoreline conditions but sequence groundwater sampling events at two year intervals so changes between events are large enough to assess meaningful trends.

5. The SMP specifies that site inspections will be performed after each “severe-weather” event. It does not define a severe-weather event nor establish the criteria for defining an event. We recommend that a useable metric be established for defining when additional inspections and included in the SMP. This may be, for example, whenever a spring tide or storm raises shoreline waters more than 2 feet above AMSL.

FIGURES

ALL RIGHTS RESERVED. COPY OR REPRODUCTION OF THIS DRAWING OR DOCUMENT, OR ANY PORTION THEREOF, WITHOUT THE EXPRESS WRITTEN PERMISSION OF CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE CO., D.P.C. IS PROHIBITED. THIS DRAWING OR DOCUMENT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR ANY PURPOSE OTHER THAN THE SPECIFIC PROJECT, APPLICATION AND SITUATION FOR WHICH IT WAS INTENDED. ANY MODIFICATION OF THIS DRAWING OR DOCUMENT, OR ANY USE FOR ANY PROJECT, APPLICATION OR SITUATION OTHER THAN THAT FOR WHICH IT WAS INTENDED, WILL BE AT USER'S SOLE RISK AND WITHOUT LIABILITY TO CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE CO., D.P.C.
IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW FOR ANY PERSON TO ALTER THIS DRAWING OR DOCUMENT IN ANY WAY, UNLESS HE OR SHE IS ACTING UNDER THE DIRECTION OF A LICENSED DESIGN PROFESSIONAL (PROFESSIONAL ENGINEER, LAND SURVEYOR, ARCHITECT OR LANDSCAPE ARCHITECT). IF THIS DRAWING OR DOCUMENT IS ALTERED, THE ALTERING DESIGN PROFESSIONAL SHALL AFFIX TO THE DRAWING OR DOCUMENT HIS OR HER SEAL, THE NOTATION "ALTERED BY" FOLLOWED BY HIS OR HER SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Google earth

miles 2
km 4

THE Chazen COMPANIES®

FIGURE 1
SITE LOCATION MAP

Former Consolidated Iron Site
Washington Street
Newburgh, NY

Drawing Name: X:\41500-41599\41548.00 Newburgh Consolidated Iron site\SVY\Dwg\06_SVY_41548-00_TOPO.dwg
Drawing Scale: 1" = 30'
Date Printed: Dec 08, 2015, 11:36am

SOUTH WATER STREET

RAILROAD TRACKS

CONC. MONUMENT FOUND

SEE MAP REFERENCE #3 FOR DISTANCE

WASHINGTON STREET (60' WIDE)

BENCHMARK XCUT EB HYD ELEV.=17.35

BENCHMARK RR SPIKE 24"COTTONWOOD ELEV.=8.15

POINT OF BEGINNING

IRON ROD SET

S85°13'06"E 817.61'

327.00'

405.43'

78.43'

IRON ROD SET ON LINE

IRON ROD FOUND SOUTH 0.7'

N17°26'54"E 722.73'

PROPERTY CORNER WITHIN 8" SPRUCE

UP NYT #10

CONCRETE

GRAVEL

CHAIN LINK FENCE

OHW

SWALE

EDGE PAVEMENT

24" CMP FLOW

DMH T.R.=19.54' INVERT IN=12.3' INVERT OUT=12.2'

DMH T.R.=7.39' INVERT IN=2.6' INVERT OUT=2.5'

18" BOX CUL

15" CIP (ORIGIN UNKNOWN) INVERT =-14.68

INVERT =-1.94

PIPE RAIL FENCE

FLOOD LINE "OTHER FLOOD AREAS ZONE X" (SCALED)

LIMITS OF CHAZEN NOV. 2015 TOPO

FLOOD LINE "FLOOD ZONE AE" (EL7)

WATERS EDGE

RIP RAP

MW#01 TOP PVC:18.01

MW#02 TOP PVC:13.99

MW#03 TOP PVC:13.26

MW#04 TOP PVC:11.74

MW#05 TOP PVC:11.52

MW#06 TOP PVC:10.50

MW#07 TOP PVC:10.76

MW#08 TOP PVC:10.85

MW#09 TOP PVC:15.69

MW#10 TOP PVC:11.13

Lands Formerly of ISAAC STANTON & JAS. H. MALLERY Letters Patent granted January 16, 1855

Lands Formerly of WASHINGTON IRON WORKS Letters Patent granted June 28, 1865

Lands Formerly of HOMER RAMSDELL Letters Patent granted JUNE 28, 1865

Lands Formerly of HOMER RAMSDELL Letters Patent granted OCTOBER 18, 1882

Lands Now or Formerly of NEW YORK CENTRAL LINES LLC Liber 5154 Page 183 Section 40 , Block 3, Lot 2

APPROX. WATER GRANT LINE

APPROX. WATER GRANT LINE

"OTHER AREAS ZONE X"

"OTHER FLOOD AREAS ZONE X"

"FLOOD ZONE AE"

HUDSON RIVER

NYS PLANE EAST ZONE

S71°07'35"W 820.77'TIE COURSE

DISTANCE ALONG SHORELINE APPROX. 1023'

N84°24'02"W 297.92'

340.29'

42.37'

SOUTH WILLIAM STREET (50' WIDE)

N07°25'24"E

LIMITS OF CHAZEN NOV. 2015 TOPO

IRON ROD SET

IRON ROD SET ON LINE

#88305

#47395

#47380

UP CHGE

UP CPF # 23452 & TEL PEDISTAL

GATE

CRF

UP

DMH INVERTS IN AND OUT ARE UNOBTAINABLE (RECESSED) BOTTOM OF CHAMBER ELEV.=0.2

DMH INVERTS IN AND OUT ARE UNOBTAINABLE (RECESSED) BOTTOM OF CHAMBER ELEV.=-3.1'

24" & 72" CIP FLOW

24" CIP INVERT =-1.6

75" CIP INVERT =-5.1

FLOW

R:11.1

R:7.3

LEGEND:

- NO PHYSICAL BOUNDS
- ADJACENT PROPERTY LINE
- EXISTING BUILDING
- EXISTING FENCE
- EXISTING OVERHEAD WIRES
- EXISTING WATER LINE
- EXISTING UNDERGROUND ELECTRIC LINE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING SPOT GRADE
- EXISTING EDGE OF WATER
- EXISTING TREE W/ WIRE
- EXISTING UNKNOWN MANHOLE
- EXISTING UTILITY POLE
- EXISTING GUY WIRE
- EXISTING HYDRANT
- EXISTING IRON ROD
- EXISTING LIGHT POLE
- EXISTING MONUMENT
- EXISTING SANITARY MANHOLE
- EXISTING WATER VALVE
- EXISTING SIGN
- EXISTING MONITORING WELL

MAP REFERENCES:

1. REFERENCE IS HEREBY MADE TO A MAP ENTITLED "LANDS OF THE CITY OF NEWBURG TAX LOT 4 IN SECTION 37 BLOCK 4", PREPARED BY GREVAS AND HILDRETH, P.C., DATED JULY 17, 1989 AND ON FILE IN THE CITY OF NEWBURGH OFFICE OF MAP ARCHIVES.

2. REFERENCE IS HEREBY MADE TO A MAP ENTITLED "PLAT PLAN OF SURVEY FOR REAL ESTATE ACQUISITION BY CITY OF NEWBURGH, NEW YORK", PREPARED BY HERBERT L. KARTIGANER P.E., L.S., DATED MARCH 20, 1961 AND ON FILE IN THE CITY OF NEWBURGH OFFICE OF MAP ARCHIVES.

3. REFERENCE IS HEREBY MADE TO A MAP ENTITLED "CONSOLIDATED IRON", MAP 61-13-29. DATED 1898 AND ON FILE IN THE CITY OF NEWBURGH OFFICE OF MAP ARCHIVES.

4. REFERENCE IS HEREBY MADE TO A MAP ENTITLED "CONSOLIDATED IRON", DEPICTING WATER GRANT PARCELS BEING A MAP OBTAINED FROM THE NYS OFFICE OF GENERAL SERVICES AND ON FILE IN THE CITY OF NEWBURGH OFFICE OF MAP ARCHIVES.

5. REFERENCE IS HEREBY MADE TO A MAP ENTITLED "STATION MAP-TRACK & STRUCTURES, ERIE RAILROAD COMPANY, NEW YORK DIVISION, NEWBURGH BRANCH", DATED OCT 17, 1960.

6. REFERENCE IS HEREBY MADE TO A MAP ENTITLED " RIGHT OF WAY MAP, WEST SHORE RAILROAD:, DATED JUNE 17, 1917.

7. REFERENCE IS HEREBY MADE TO A MAP ENTITLED " TOPOGRAPHIC SURVEY CONSOLIDATED IRON AND METAL SITE" COMPLETED BY LARSEN ENGINEERS IN 2004. TOPOGRAPHY FOR THE SPIT OF LAND JUTTING IN TO THE HUDSON RIVER WAS TAKEN FROM THIS MAP.

FLOOD ZONE NOTE:

PORTIONS OF SUBJECT PARCEL ARE LOCATED IN
1. FLOOD ZONE AE (EL7)
2. OTHER FLOOD AREAS ZONE X &
3. OTHER AREAS ZONE X
AS SHOWN ON FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) NATIONAL FLOOD INSURANCE PROGRAM (NFIP) FLOOD INSURANCE RATE MAP (FIRM) ORANGE COUNTY, CITY OF NEWBURGH COMMUNITY NUMBER 360626, MAP NUMBER 36071C0332E, EFFECTIVE DATE AUGUST 3, 2009.

NOTES:

UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S INKED SEAL OR HIS EMBOSSED SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES.

THE CONTRACTOR SHALL COMPLY WITH NEW YORK STATE INDUSTRIAL CODE RULE 53 - 48 HOURS PRIOR TO DIGGING CALL DIG SAFE NEW YORK 1-800-962-7962 TO HAVE PUBLIC UTILITY LOCATIONS PAINTED.

UNDERGROUND WATERLINE AND ELECTRIC FACILITIES SHOWN HEREON WERE TAKEN FROM DATA OBTAINED FROM UTILITY MARKOUT OF UNKNOWN SOURCE. ALL ABOVE GROUND STRUCTURES AND SURFACE FEATURES SHOWN HEREON ARE THE RESULT OF A FIELD SURVEY UNLESS OTHERWISE NOTED.

THERE MAY BE OTHER UNDERGROUND UTILITIES, THE EXISTENCE OF WHICH ARE NOT KNOWN OR CERTIFIED BY THE UNDERSIGNED. SIZE AND LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES MUST BE VERIFIED BY THE APPROPRIATE AUTHORITIES. THE UNDERGROUND FACILITIES PROTECTIVE ORGANIZATION MUST BE NOTIFIED PRIOR TO CONDUCTING TEST BORINGS, EXCAVATION AND CONSTRUCTION.

TOPOGRAPHY SHOWN HEREON WITHIN THE LIMIT LIMIT LINE "LIMITS OF CHAZEN NOV. 2015 TOPO" IS A RESULT OF A FIELD SURVEY COMPLETED BY THE CHAZEN COMPANIES ON NOVEMBER 12, 2015, TOPOGRAPHY OUTSIDE THOSE LIMITS ALSO COMPLETED BY THE CHAZEN COMPANIES ON MARCH 17, 2008. CONTOUR INTERVAL IS ONE FOOT. VERTICAL DATUM IS NAVD88. (CONVERSION TO NGVD 29 VERTICAL DATUM IS +0.91 FEET.)

DEED REFERENCE:

CITY OF NEWBURGH, (TAX SALE)
TO
CITY OF NEWBURGH
APRIL 12, 2005
LIBER 11808 PAGE 1648

TAX PARCEL NUMBER:

CITY OF NEWBURGH, ORANGE COUNTY, NEW YORK
SECTION 40, BLOCK 3, LOT 3

AREA:

8.33 ACRES

CERTIFICATIONS:

TO:
CITY OF NEWBURGH

DRAFT

drawn	CJS
checked	SJA
date	12/02/15
scale	1"=30'
project no.	41548.00
sheet no.	SV1
	1 OF 1

FORMER CONSOLIDATED IRON AND METAL CO. FACILITY

MAP OF TOPOGRAPHIC SURVEY PREPARED FOR CITY OF NEWBURGH

CITY OF NEWBURGH, ORANGE COUNTY, NEW YORK

rev.	date	description

CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE CO., D.P.C.

Office Locations:

Dutchess County Office:
21 Fox Street
Poughkeepsie, New York 12601
Phone: (845) 454-3980

Capital District Office:
547 River Street
Troy, New York 12180
Phone: (518) 273-0055

North Country Office:
375 Bay Road
Queensbury, New York 12804
Phone: (518) 812-0513

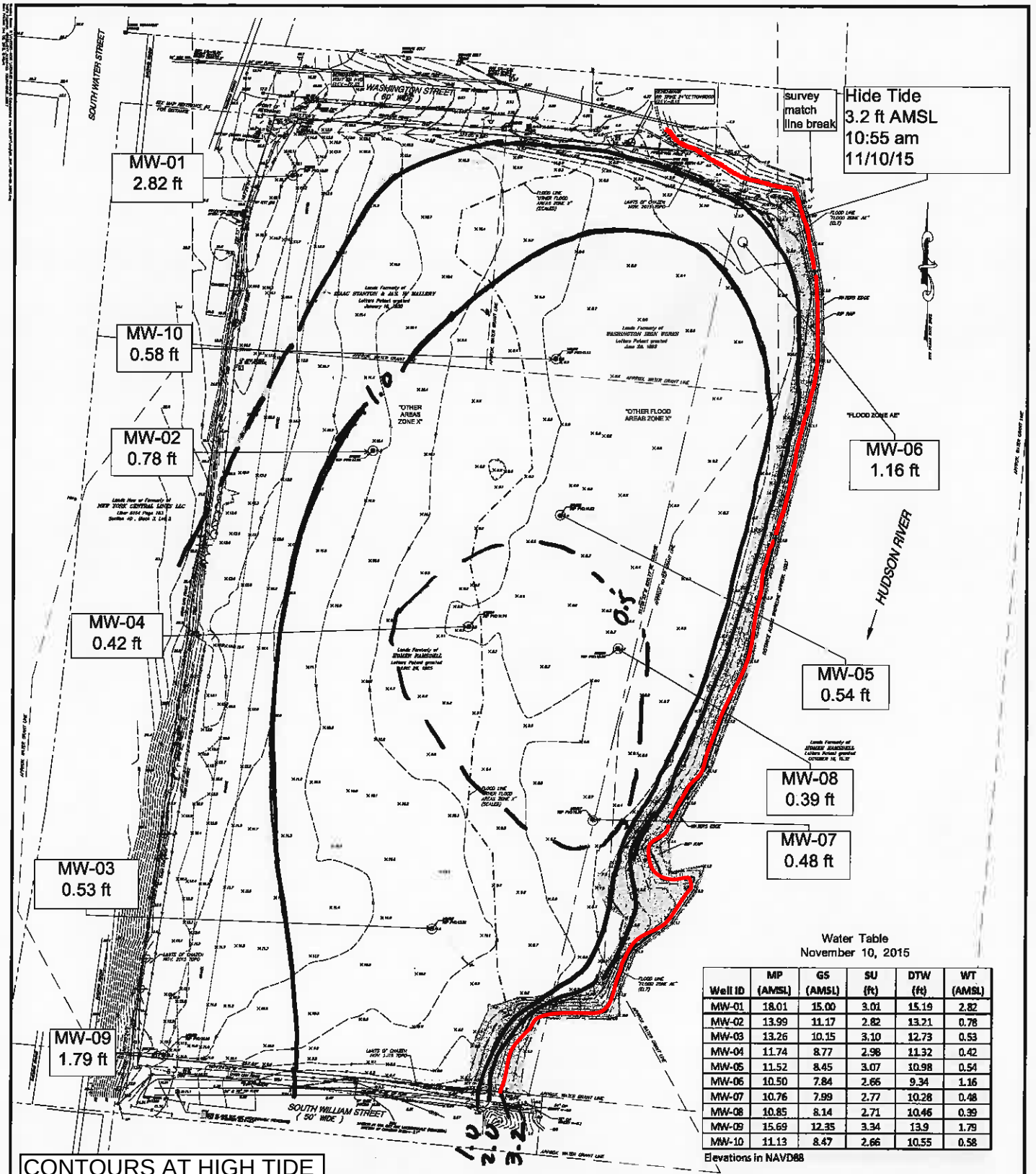
ALL RIGHTS RESERVED. COPY OR REPRODUCTION OF THIS PLAN OR ANY PORTION, THEREOF IS PROHIBITED WITHOUT THE WRITTEN PERMISSION OF THE DESIGN ENGINEER, SURVEYOR, OR ARCHITECT.

UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

I HEREBY CERTIFY THAT THIS SURVEY MAP IS BASED ON AN ACTUAL FIELD SURVEY COMPLETED NOV. 12, 2015 AND THAT THIS SURVEY MAP WAS MADE BY ME OR UNDER MY DIRECTION, AND CONFORMS WITH THE MINIMUM STANDARD OF PRACTICE ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS.

STEVEN J ALEX, L.S. #50016

6155



Water Table
November 10, 2015

Well ID	MP (AMSL)	GS (AMSL)	SU (ft)	DTW (ft)	WT (AMSL)
MW-01	18.01	15.00	3.01	15.19	2.82
MW-02	13.99	11.17	2.82	13.21	0.78
MW-03	13.26	10.15	3.10	12.73	0.53
MW-04	11.74	8.77	2.98	11.32	0.42
MW-05	11.52	8.45	3.07	10.98	0.54
MW-06	10.50	7.84	2.66	9.34	1.16
MW-07	10.76	7.99	2.77	10.28	0.48
MW-08	10.85	8.14	2.71	10.46	0.39
MW-09	15.69	12.35	3.34	13.9	1.79
MW-10	11.13	8.47	2.66	10.55	0.58

Elevations in NAVD88

CONTOURS AT HIGH TIDE

LEGEND:

NO PHYSICAL BOUNDS
ADJACENT PROPERTY LINE
EXISTING BUILDING
EXISTING FENCE
EXISTING OVERHEAD WIRES
EXISTING WATER LINE
EXISTING UNDERGROUND ELECTRIC LINE
EXISTING MAJOR CONTOUR
EXISTING MINOR CONTOUR
EXISTING SPOT GRADE
EXISTING EDGE OF WATER
EXISTING TREE W/ TRUNK
EXISTING UNKNOWN MANHOLE
EXISTING UTILITY POLE
EXISTING GUY WIRE
EXISTING HYDRANT
EXISTING IRON ROD
EXISTING LIGHT POLE
EXISTING MONUMENT
EXISTING SANITARY MANHOLE
EXISTING WATER VALVE
EXISTING SIGN
EXISTING MONITORING WELL

MAP REFERENCES:

1. REFERENCE IS HEREBY MADE TO A MAP ENTITLED "LANDS OF THE CITY OF NEWBURGH TAX LOT 4 IN SECTION 77 BLOCK 4", PREPARED BY GREINER AND HEIDENTAL, P.E., DATED JULY 17, 1986 AND ON FILE IN THE CITY OF NEWBURGH OFFICE OF MAP ARCHIVES.
2. REFERENCE IS HEREBY MADE TO A MAP ENTITLED "PLAT PLAN OF SURVEY FOR REAL ESTATE ACQUISITION BY CITY OF NEWBURGH, NEW YORK", PREPARED BY HERBERT L. HARKENRIDER, JR., L.S., DATED MARCH 20, 1961 AND ON FILE IN THE CITY OF NEWBURGH OFFICE OF MAP ARCHIVES.
3. REFERENCE IS HEREBY MADE TO A MAP ENTITLED "CONSOLIDATED PROP. MAP B"-13-28, DATED 1956 AND ON FILE IN THE CITY OF NEWBURGH OFFICE OF MAP ARCHIVES.
4. REFERENCE IS HEREBY MADE TO A MAP ENTITLED "CONSOLIDATED PROP. DEVINE TRACT, GRANT PARCELS SOME AS MAP OBTAINED FROM THE NYS OFFICE OF GENERAL SERVICES AND ON FILE IN THE CITY OF NEWBURGH OFFICE OF MAP ARCHIVES.
5. REFERENCE IS HEREBY MADE TO A MAP ENTITLED "STATION MAP-TRACK & STRUCTURES, ERIE RAILROAD COMPANY, NEW YORK DIVISION, NEWBURGH BRANCH", DATED OCT 27, 1933.
6. REFERENCE IS HEREBY MADE TO A MAP ENTITLED " RIGHT OF WAY MAP, WEST SHORE RAILROAD,, DATED JUNE 17, 1913.
7. REFERENCE IS HEREBY MADE TO A MAP ENTITLED " TOPOGRAPHIC SURVEY CONSOLIDATED IRON AND METAL SITE" COMPLETED BY LARSEN ENGINEERS IN 2004. TOPOGRAPHY FOR THE SPIT OF LAND JUTTING IN TO THE HUDSON RIVER WAS TAKEN FROM THIS MAP.

FLOOD ZONE NOTE:

PORTIONS OF SUBJECT PARCEL ARE LOCATED IN
1. STATE ZONE AE, ELEV 10'
2. OTHER FLOOD AREAS ZONE X &
3. OTHER AREAS ZONE X.
AS SHOWN ON FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) NATIONAL FLOOD INSURANCE PROGRAM (NFIP) FLOOD INSURANCE RATE MAP (FIRM) ORANGE COUNTY, CITY OF NEWBURGH COMMUNITY NUMBER 360058, MAP NUMBER 36071C0126E, EFFECTIVE DATE AUGUST 3, 2009.

NOTES:

UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S INKED SEAL OR ANY EMBOSSED SEAL SHALL BE CONSIDERED TO BE MADE THEREOF.

THE CONTRACTOR SHALL COMPLY WITH NEW YORK STATE INDUSTRIAL CODE RULE 53 – 48 HOURS PRIOR TO DIGGING CALL DIG SAFE NEW YORK 1-800-962-7962 TO HAVE PUBLIC UTILITY LOCATIONS PAINTED.

UNDERGROUND MAINLINE AND ELECTRIC FACILITIES SHOWN HEREON WERE TAKEN FROM DATA OBTAINED FROM UTILITY MARKOUT OR MARKOUT SURVEY. ALL ABOVE GROUND STRUCTURES AND SURFACE FEATURES SHOWN HEREON ARE THE RESULT OF A FIELD SURVEY UNLESS OTHERWISE NOTED.

THERE MAY BE OTHER UNDERGROUND UTILITIES, THE EXISTENCE OF WHICH ARE NOT KNOWN OR CERTIFIED BY THE UNDERSIGNED. SIZE AND LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES MUST BE VERIFIED BY THE APPROPRIATE AUTHORITIES. THE UNDERGROUND FACILITIES PROTECTIVE ORGANIZATION MUST BE NOTIFIED PRIOR TO CONDUCTING TEST BORING, EXCAVATION AND CONSTRUCTION.

TOPOGRAPHY SHOWN HEREON WITHIN THE EAST LIMIT LINE TIMES OF CHAZEN NOV. 2015 TOPO IS A RESULT OF A FIELD SURVEY COMPLETED BY THE CHAZEN COMPANIES ON NOVEMBER 10, 2015. TOPOGRAPHY OUTSIDE THOSE LIMITS WAS COMPILED BY THE CHAZEN COMPANIES ON MARCH 17, 2008. CONTOUR INTERVAL IS ONE FOOT. VERTICAL DATUM IS NAVD88. CONVERSION TO NGVD 29 VERTICAL DATUM IS +0.68 FEET.)

DEED REFERENCE:
CITY OF NEWBURGH, COX SALE
TO
CITY OF NEWBURGH
APRIL 12, 2006
LIBER 11606 PAGE 1648

TAX PARCEL NUMBER:
CITY OF NEWBURGH, ORANGE COUNTY, NEW YORK
SECTION 40, BLOCK 3, LOT 3

AREA:
8.XX ACRES

CERTIFICATIONS:
TO:
CITY OF NEWBURGH

DRAFT

FORMER CONSOLIDATED IRON AND METAL CO. FACILITY

FIGURE 3: Groundwater Contours, November 10, 2015

PREPARED FOR
CITY OF NEWBURGH

CITY OF NEWBURGH, ORANGE COUNTY, NEW YORK

CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE CO., D.P.C.

TABLES

ALL RIGHTS RESERVED. COPY OR REPRODUCTION OF THIS DRAWING OR DOCUMENT, OR ANY PORTION THEREOF, WITHOUT THE EXPRESS WRITTEN PERMISSION OF CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE CO., D.P.C. IS PROHIBITED. THIS DRAWING OR DOCUMENT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR ANY PURPOSE OTHER THAN THE SPECIFIC PROJECT, APPLICATION AND SITUATION FOR WHICH IT WAS INTENDED. ANY MODIFICATION OF THIS DRAWING OR DOCUMENT, OR ANY USE FOR ANY PROJECT, APPLICATION OR SITUATION OTHER THAN THAT FOR WHICH IT WAS INTENDED, WILL BE AT USER'S SOLE RISK AND WITHOUT LIABILITY TO CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE CO., D.P.C.
IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW FOR ANY PERSON TO ALTER THIS DRAWING OR DOCUMENT IN ANY WAY, UNLESS HE OR SHE IS ACTING UNDER THE DIRECTION OF A LICENSED DESIGN PROFESSIONAL (PROFESSIONAL ENGINEER, LAND SURVEYOR, ARCHITECT OR LANDSCAPE ARCHITECT). IF THIS DRAWING OR DOCUMENT IS ALTERED, THE ALTERING DESIGN PROFESSIONAL SHALL AFFIX TO THE DRAWING OR DOCUMENT HIS OR HER SEAL, THE NOTATION "ALTERED BY" FOLLOWED BY HIS OR HER SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

TABLE 1

Lab Results: VOCs

Sample ID York ID	TOGS GA	MW-01 15K0438-01		MW-02 15K0438-02		MW-05 15K0438-03		MW-10 15K0438-04		MW-03 15K0438-07		MW-07 15K0438-08		MW-09 15K0438-09		MW-06 15K0438-10		MW-08 15K0438-11		MW-04 15K0438-12		FD-01 15K0438-05		EB-01 15K0438-06	
Volatile Organics, 8260 - TCL/SOM (low level)		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1,2,2-Tetrachloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1,2-Trichloroethane	1	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethylene	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,2,3-Trichlorobenzene	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,2,4-Trichlorobenzene	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,2-Dibromo-3-chloropropane	0.04	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,2-Dibromoethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,2-Dichlorobenzene	3	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,2-Dichloroethane	0.6	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,2-Dichloropropane	1	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,3-Dichlorobenzene	3	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,4-Dichlorobenzene	3	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
2-Butanone	50	4.30		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
2-Hexanone	50	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
4-Methyl-2-pentanone	~	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Acetone	50	11		1.40	J	1.40	J	2.10		1.60	J	1	U	1.20	J	1	U	1	U	1.30	J	1	U	1.80	J
Benzene	1	37		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	1.20		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Bromochloromethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Bromodichloromethane	50	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Bromoform	50	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Bromomethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Carbon disulfide	~	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Carbon tetrachloride	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Chlorobenzene	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Chloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Chloroform	7	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Chloromethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
cis-1,2-Dichloroethylene	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.37	J	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
cis-1,3-Dichloropropylene	0.4	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Cyclohexane	~	130		0.20	U	0.31	J	0.20	U	0.24	J	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Dibromochloromethane	50	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Dichlorodifluoromethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Ethyl Benzene	5	55		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Isopropylbenzene	5	1.60		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Methyl acetate	~	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Methyl tert-butyl ether (MTBE)	10	0.20	U	0.88		5.60		2.10		11		12		0.20	U	0.41	J	0.20	U	2		0.71		0.20	U
Methylcyclohexane	~	30		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Methylene chloride	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
o-Xylene	5	0.48	J	0.20	U	0.20	U	0.20	U	0.20	U	0.22	J	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
p- & m- Xylenes	5	5.10		0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Styrene	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Tetrachloroethylene	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Toluene	5	5.30		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
trans-1,2-Dichloroethylene	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.52		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
trans-1,3-Dichloropropylene	0.4	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Trichloroethylene	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Trichlorofluoromethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Vinyl Chloride	2	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Xylenes, Total	5	5.60		0.60	U	0.60	U	0.60	U	0.60	U	0.60	U	0.60	U	0.60	U	0.60	U	0.60	U	0.60	U	0.60	U

TABLE 2
Lab Results: SVOCs

Sample ID York ID	TOGS GA	MW-01 15K0438-01		MW-02 15K0438-02		MW-05 15K0438-03		MW-10 15K0438-04		MW-03 15K0438-07		MW-07 15K0438-08		MW-09 15K0438-09		MW-06 15K0438-10		MW-08 15K0438-11		MW-04 15K0438-12		FD-01 15K0438-05		EB-01 15K0438-06	
Semi-Volatiles, 8270 - TCL/SOM		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1'-Biphenyl	~	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
1,2,4,5-Tetrachlorobenzene	~	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
2,4,5-Trichlorophenol	1	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
2,4,6-Trichlorophenol	1	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
2,4-Dichlorophenol	5	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
2,4-Dimethylphenol	50	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
2,4-Dinitrophenol	10	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
2,4-Dinitrotoluene	5	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
2,6-Dinitrotoluene	5	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
2-Chloronaphthalene	10	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
2-Chlorophenol	1	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
2-Methylnaphthalene	~	8.15		2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
2-Methylphenol	1	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
2-Nitroaniline	5	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
2-Nitrophenol	1	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
3- & 4-Methylphenols	~	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
3,3'-Dichlorobenzidine	5	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
3-Nitroaniline	5	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
4,6-Dinitro-2-methylphenol	~	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
4-Bromophenyl phenyl ether	~	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
4-Chloro-3-methylphenol	1	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
4-Chloroaniline	5	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
4-Chlorophenyl phenyl ether	~	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
4-Nitroaniline	5	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
4-Nitrophenol	1	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
Acenaphthene	20	2.56	U	0.051	U	0.55		0.082		1.74		0.83		0.051	U	0.16		0.053	U	0.053	U	0.051	U	0.051	U
Acenaphthylene	~	2.56	U	0.051	U	0.051		0.051	U	0.082		0.051	U	0.051	U	0.062		0.053	U	0.053	U	0.051	U	0.051	U
Acetophenone	~	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
Anthracene	50	2.56	U	0.051	U	0.082		0.051	U	0.31		0.25		0.051	U	0.051	U	0.053		0.053	U	0.051	U	0.051	U
Atrazine	~	2.56	U	0.51	U	0.51	U	0.51	U	0.51	U	0.51	U	0.51	U	0.51	U	0.53	U	0.53	U	0.51	U	0.51	U
Benzaldehyde	~	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
Benzo(a)anthracene	0.002	2.56	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.063		0.053	U	0.051	U	0.051	U
Benzo(a)pyrene	0.002	2.56	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.063		0.053	U	0.051	U	0.051	U
Benzo(b)fluoranthene	0.002	2.56	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.053	U	0.053	U	0.051	U	0.051	U
Benzo(g,h,i)perylene	~	2.56	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.053	U	0.053	U	0.051	U	0.051	U
Benzo(k)fluoranthene	0.002	2.56	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.053	U	0.053	U	0.051	U	0.051	U
Benzyl butyl phthalate	50	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
Bis(2-chloroethoxy)methane	5	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
Bis(2-chloroethyl)ether	1	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
Bis(2-chloroisopropyl)ether	5	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
Bis(2-ethylhexyl)phthalate	5	2.56	U	0.51	U	0.51	U	1.38		0.51	U	0.51	U	0.68		0.51	U	24.50		0.53	U	2.68		0.73	
Caprolactam	~	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
Carbazole	~	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
Chrysene	0.002	2.56	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.063		0.053	U	0.051	U	0.051	U
Dibenzo(a,h)anthracene	~	2.56	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.053	U	0.053	U	0.051	U	0.051	U
Dibenzofuran	~	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
Diethyl phthalate	50	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
Dimethyl phthalate	50	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
Di-n-butyl phthalate	50	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
Di-n-octyl phthalate	50	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
Fluoranthene	50	2.56	U	0.051	U	0.41		0.051	U	0.53		0.44		0.051	U	0.051	U	0.17		0.053		0.051	U	0.051	U
Fluorene	50	2.56	U	0.22		0.34		0.52		1.18		0.53		0.051	U	0.051	U	0.053	U	0.32		0.051	U	0.051	U
Hexachlorobenzene	0.04	2.56	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U
Hexachlorobutadiene	0.5	2.56	U	0.51	U	0.51	U	0.51	U	0.51	U	0.51	U	0.51	U	0.51	U	0.53	U	0.53	U	0.51	U	0.51	U

TABLE 2
Lab Results: SVOCs

Sample ID York ID	TOGS GA	MW-01 15K0438-01		MW-02 15K0438-02		MW-05 15K0438-03		MW-10 15K0438-04		MW-03 15K0438-07		MW-07 15K0438-08		MW-09 15K0438-09		MW-06 15K0438-10		MW-08 15K0438-11		MW-04 15K0438-12		FD-01 15K0438-05		EB-01 15K0438-06	
Semi-Volatiles, 8270 - TCL/SOM		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Hexachlorocyclopentadiene	5	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
Hexachloroethane	5	2.56	U	0.51	U	0.51	U	0.51	U	0.51	U	0.51	U	0.51	U	0.51	U	0.53	U	0.53	U	0.51	U	0.51	U
Indeno(1,2,3-cd)pyrene	0.002	2.56	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.053	U	0.053	U	0.051	U	0.051	U
Isophorone	50	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
Naphthalene	10	21.40	D	0.051	U	0.062		0.14		0.051		0.051	U	0.051	U	0.051	U	0.053	U	0.053	U	0.092		0.051	U
Nitrobenzene	0.4	2.56	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
N-nitroso-di-n-propylamine	~	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
N-Nitrosodiphenylamine	50	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
Pentachlorophenol	1	2.56	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
Phenanthrene	50	2.56	U	0.051	U	0.34		0.051	U	1.28		1.17		0.051	U	0.051	U	0.11		0.053	U	0.051	U	0.051	U
Phenol	1	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.56	U	2.63	U	2.63	U	2.56	U	2.56	U
Pyrene	50	2.56	U	0.051	U	0.44		0.16		0.43		0.46		0.051	U	0.051	U	0.053	U	0.063		0.051	U	0.16	

TABLE 3
Lab Results:
Pesticde and PCBs

Sample ID York ID	TOGS GA	MW-01 15K0438-01		MW-02 15K0438-02		MW-05 15K0438-03		MW-10 15K0438-04		MW-03 15K0438-07		MW-07 15K0438-08		MW-09 15K0438-09		MW-06 15K0438-10		MW-08 15K0438-11		MW-04 15K0438-12		FD-01 15K0438-05		EB-01 15K0438-06	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Pesticides, EPA TCL List																									
4,4'-DDD	0.3	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0043	U	0.0043	U	0.0041	U	0.0041	U	0.0041	U
4,4'-DDE	0.2	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0043	U	0.0043	U	0.0041	U	0.0041	U	0.0041	U
4,4'-DDT	0.2	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0043	U	0.0043	U	0.0041	U	0.0041	U	0.0041	U
Aldrin	~	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0043	U	0.0043	U	0.0041	U	0.0041	U	0.0041	U
alpha-BHC	0.01	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0043	U	0.0043	U	0.0041	U	0.0041	U	0.0041	U
beta-BHC	0.04	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0043	U	0.0043	U	0.0041	U	0.0041	U	0.0041	U
Chlordane, total	0.05	0.041	U	0.041	U	0.041	U	0.041	U	0.041	U	0.041	U	0.040	U	0.043	U	0.043	U	0.041	U	0.041	U	0.041	U
delta-BHC	0.04	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0043	U	0.0043	U	0.0041	U	0.0041	U	0.0041	U
Dieldrin	0.004	0.0021	U	0.0021	U	0.0021	U	0.0021	U	0.0021	U	0.0021	U	0.0020	U	0.0022	U	0.0022	U	0.0021	U	0.0021	U	0.0021	U
Endosulfan I	~	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0043	U	0.0043	U	0.0041	U	0.0041	U	0.0041	U
Endosulfan II	~	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0043	U	0.0043	U	0.0041	U	0.0041	U	0.0041	U
Endosulfan sulfate	~	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0043	U	0.0043	U	0.0041	U	0.0041	U	0.0041	U
Endrin	~	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0043	U	0.0043	U	0.0041	U	0.0041	U	0.0041	U
Endrin aldehyde	5	0.010	U	0.010	U	0.010	U	0.010	U	0.010	U	0.010	U	0.010	U	0.011	U	0.011	U	0.010	U	0.010	U	0.010	U
Endrin ketone	5	0.010	U	0.010	U	0.010	U	0.010	U	0.010	U	0.010	U	0.010	U	0.011	U	0.011	U	0.010	U	0.010	U	0.010	U
gamma-BHC (Lindane)	0.05	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0043	U	0.0043	U	0.0041	U	0.0041	U	0.0041	U
Heptachlor	0.04	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0043	U	0.0043	U	0.0041	U	0.0041	U	0.0041	U
Heptachlor epoxide	0.03	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0043	U	0.0043	U	0.0041	U	0.0041	U	0.0041	U
Methoxychlor	35	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0043	U	0.0043	U	0.0041	U	0.0041	U	0.0041	U
Toxaphene	0.06	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.11	U	0.11	U	0.10	U	0.10	U	0.10	U
Polychlorinated Biphenyls (PCB)																									
Aroclor 1016	~	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.050	U	0.054	U	0.054	U	0.051	U	0.051	U	0.051	U
Aroclor 1221	~	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.050	U	0.054	U	0.054	U	0.051	U	0.051	U	0.051	U
Aroclor 1232	~	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.050	U	0.054	U	0.054	U	0.051	U	0.051	U	0.051	U
Aroclor 1242	~	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.050	U	0.054	U	0.054	U	0.051	U	0.051	U	0.051	U
Aroclor 1248	~	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.050	U	0.054	U	0.054	U	0.051	U	0.051	U	0.051	U
Aroclor 1254	~	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.050	U	0.054	U	0.054	U	0.051	U	0.051	U	0.051	U
Aroclor 1260	~	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.050	U	0.054	U	0.054	U	0.051	U	0.051	U	0.051	U
Total PCBs	0.09	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.050	U	0.054	U	0.054	U	0.051	U	0.051	U	0.051	U

TABLE 4
Lab Results:
TAL-Metals

Sample ID York ID	TOGS GA	MW-01 15K0438-01		MW-02 15K0438-02		MW-05 15K0438-03		MW-10 15K0438-04		MW-03 15K0438-07		MW-07 15K0438-08		MW-09 15K0438-09		MW-06 15K0438-10		MW-08 15K0438-11		MW-04 15K0438-12		FD-01 15K0438-05		EB-01 15K0438-06	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Aluminum	~	56	U	56	U	56	U	56	U	56	U	140		56	U	56	U	741		2,100		56	U	56	U
Antimony	3	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U
Arsenic	25	5		38		6		9		15		5		4	U	5		10		16		36		4	U
Barium	1000	171		287		207		239		618		698		85		585		136		244		285		11	U
Beryllium	3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Cadmium	5	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U
Calcium	~	238,000		146,000		102,000		101,000		81,400		95,500		143,000		96,900		116,000		61,800		144,000		75	
Chromium	50	6	U	14		6	U	6	U	6	U	6	U	6	U	6	U	7		6	U	6	U	6	U
Cobalt	~	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U
Copper	200	15		17		17		14		13		13		12		12		17		27		12		9	
Iron	~	13,100		34,900		14,100		15,400		24,000		14,100		1,330		4,450		4,470		12,200		33,400		28	
Lead	25	8		3	U	4		3	U	5		15		3	U	17		45		47		5		3	U
Magnesium	35000	38,200		33,100		32,500		28,100		58,800		27,700		23,300		34,900		24,400		43,700		32,000		56	U
Manganese	300	6,010		2,060		571		953		309		480		673		1,120		702		279		2,060		6	U
Nickel	100	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U
Potassium	~	5,290		5,260		13,700		12,000		14,400		9,280		3,770		5,720		6,320		17,100		5,040		56	U
Selenium	10	20		11	U	11	U	11	U	11	U	11	U	11	U	11	U	11	U	11	U	13		11	U
Silver	50	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U
Sodium	20000	142,000		72,600		73,000		71,200		46,600		53,700		104,000		49,500		6,190		53,600		72,100		199	
Thallium	~	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U
Vanadium	~	11	U	11	U	11	U	11	U	11	U	11	U	11	U	11	U	11	U	11	U	11	U	11	U
Zinc	2000	30		38		31		28		41		37		37		32		57		43		32		28	
Mercury by 7473	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1		1		1		1		1		1		1	
Mercury	0.7	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U

APPENDICIES

ALL RIGHTS RESERVED. COPY OR REPRODUCTION OF THIS DRAWING OR DOCUMENT, OR ANY PORTION THEREOF, WITHOUT THE EXPRESS WRITTEN PERMISSION OF CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE CO., D.P.C. IS PROHIBITED. THIS DRAWING OR DOCUMENT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR ANY PURPOSE OTHER THAN THE SPECIFIC PROJECT, APPLICATION AND SITUATION FOR WHICH IT WAS INTENDED. ANY MODIFICATION OF THIS DRAWING OR DOCUMENT, OR ANY USE FOR ANY PROJECT, APPLICATION OR SITUATION OTHER THAN THAT FOR WHICH IT WAS INTENDED, WILL BE AT USER'S SOLE RISK AND WITHOUT LIABILITY TO CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE CO., D.P.C.
IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW FOR ANY PERSON TO ALTER THIS DRAWING OR DOCUMENT IN ANY WAY, UNLESS HE OR SHE IS ACTING UNDER THE DIRECTION OF A LICENSED DESIGN PROFESSIONAL (PROFESSIONAL ENGINEER, LAND SURVEYOR, ARCHITECT OR LANDSCAPE ARCHITECT). IF THIS DRAWING OR DOCUMENT IS ALTERED, THE ALTERING DESIGN PROFESSIONAL SHALL AFFIX TO THE DRAWING OR DOCUMENT HIS OR HER SEAL, THE NOTATION "ALTERED BY" FOLLOWED BY HIS OR HER SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Appendix A:
EC/C Certification Form

ALL RIGHTS RESERVED. COPY OR REPRODUCTION OF THIS DRAWING OR DOCUMENT, OR ANY PORTION THEREOF, WITHOUT THE EXPRESS WRITTEN PERMISSION OF CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE CO., D.P.C. IS PROHIBITED. THIS DRAWING OR DOCUMENT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR ANY PURPOSE OTHER THAN THE SPECIFIC PROJECT, APPLICATION AND SITUATION FOR WHICH IT WAS INTENDED. ANY MODIFICATION OF THIS DRAWING OR DOCUMENT, OR ANY USE FOR ANY PROJECT, APPLICATION OR SITUATION OTHER THAN THAT FOR WHICH IT WAS INTENDED, WILL BE AT USER'S SOLE RISK AND WITHOUT LIABILITY TO CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE CO., D.P.C.
IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW FOR ANY PERSON TO ALTER THIS DRAWING OR DOCUMENT IN ANY WAY, UNLESS HE OR SHE IS ACTING UNDER THE DIRECTION OF A LICENSED DESIGN PROFESSIONAL (PROFESSIONAL ENGINEER, LAND SURVEYOR, ARCHITECT OR LANDSCAPE ARCHITECT). IF THIS DRAWING OR DOCUMENT IS ALTERED, THE ALTERING DESIGN PROFESSIONAL SHALL AFFIX TO THE DRAWING OR DOCUMENT HIS OR HER SEAL, THE NOTATION "ALTERED BY" FOLLOWED BY HIS OR HER SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

THE Chazen COMPANIES®
Proud to be Employee Owned
Engineers
Land Surveyors
Planners
Environmental & Safety Professionals
Landscape Architects

Hudson Valley Office
21 Fox St., Poughkeepsie, NY 12601
P: (845) 454-3980 F: (845) 454-4026
www.chazencompanies.com

Capital District Office (518) 273-0055
North Country Office (518) 812-0513

December 21, 2015

Jason C. Morris, PE
City Engineer
83 Broadway
Newburgh, New York 12550

Re: Former Consolidated & Metals Site
EPA Site Number: NY0002455756
NYSDEC Site Number: 336055

EC/IC Certification

Job #41548

Dear Mr. Morris;

The following certification is required by NYSDEC for the EC/ICs for the above referenced site. As there are no active remedial systems requiring engineering oversight or review, Certification is provide by a qualified environmental professional.

For each institutional or engineering control identified for the site, I certify that all of the following statements are true:

- The inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction;
- The institutional control and/or engineering control employed at this site is unchanged from the date the control was put in place, or last approved by the Department;
- Nothing has occurred that would impair the ability of the control to protect the public health and environment;
- Nothing has occurred that would constitute a violation or failure to comply with any site management plan for this control;
- Access to the site will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of this control;
- Use of the site is compliant with the environmental easement;

- The engineering control systems are performing as designed and are effective;
- To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program; and,
- The information presented in this report is accurate and complete.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Kevin P. McGrath, PG, CPG, of The Chazen Companies, am certifying as Remedial Party's Designated Site Representative. I have been authorized and designated by all site owners/remedial parties to sign this certification for the site."

Sincerely,

Kevin P. McGrath, PG, CPG

Digitally signed by Kevin P. McGrath, PG, CPG
DN: cn=Kevin P. McGrath, PG, CPG, o=The Chazen Companies, ou, email=kmcgrath@chazencompanies.com, c=US
Date: 2015.12.22 09:57:53 -05'00'

Kevin P. McGrath, PG, CPG
Senior Scientist

Initials/encl. etc.

cc:

Appendix B:
Survey Data

ALL RIGHTS RESERVED. COPY OR REPRODUCTION OF THIS DRAWING OR DOCUMENT, OR ANY PORTION THEREOF, WITHOUT THE EXPRESS WRITTEN PERMISSION OF CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE CO., D.P.C. IS PROHIBITED. THIS DRAWING OR DOCUMENT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR ANY PURPOSE OTHER THAN THE SPECIFIC PROJECT, APPLICATION AND SITUATION FOR WHICH IT WAS INTENDED. ANY MODIFICATION OF THIS DRAWING OR DOCUMENT, OR ANY USE FOR ANY PROJECT, APPLICATION OR SITUATION OTHER THAN THAT FOR WHICH IT WAS INTENDED, WILL BE AT USER'S SOLE RISK AND WITHOUT LIABILITY TO CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE CO., D.P.C.
IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW FOR ANY PERSON TO ALTER THIS DRAWING OR DOCUMENT IN ANY WAY, UNLESS HE OR SHE IS ACTING UNDER THE DIRECTION OF A LICENSED DESIGN PROFESSIONAL (PROFESSIONAL ENGINEER, LAND SURVEYOR, ARCHITECT OR LANDSCAPE ARCHITECT). IF THIS DRAWING OR DOCUMENT IS ALTERED, THE ALTERING DESIGN PROFESSIONAL SHALL AFFIX TO THE DRAWING OR DOCUMENT HIS OR HER SEAL, THE NOTATION "ALTERED BY" FOLLOWED BY HIS OR HER SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

WELL SURVEY DATA

Well ID	Northing	Easting	MP (AMSL)	GS (AMSL)	SU (ft)
MW-01	970963.87	627294.72	18.01	15.00	3.01
MW-02	970729.50	627363.05	13.99	11.17	2.82
MW-03	970322.50	627414.63	13.26	10.15	3.10
MW-04	970579.61	627445.31	11.74	8.77	2.98
MW-05	970674.09	627523.46	11.52	8.45	3.07
MW-06	970916.54	627674.48	10.50	7.84	2.66
MW-07	970415.75	627551.41	10.76	7.99	2.77
MW-08	970561.11	627572.28	10.85	8.14	2.71
MW-09	970214.64	627188.16	15.69	12.35	3.34
MW-10	970807.84	627519.05	11.13	8.47	2.66

Coordinates in NYS Planar
Elevations in NAVD88

GeoLogic
PO Box 350, Homer, NY 13077
607-749-5000 / 607-749-5083 (fax)

SUBSURFACE LOG

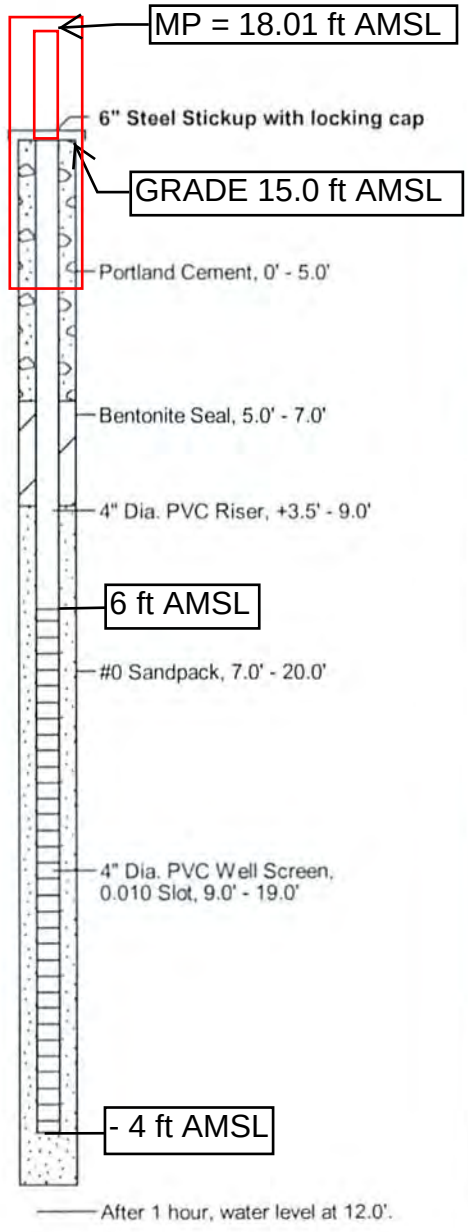
Consolidated Iron and Metal Site

Newburgh, Orange County, New York

Boring No: : MW-01
Project No.: : 210081-D
Date Started: : 06/24/10
Date Completed: : 06/24/10

Well ID	Northing	Easting	MP (AMSL)	GS (AMSL)	SU (ft)
MW-01	970963.87	627294.72	18.01	15.00	3.01

Depth (ft)	Sample No.	Blow Count	N-Value	Recovery (ft)	REMARKS
0					
5					
10					
15					
20					BORING TERMINATED AT 20.0'



Sampling Method: ASTM D-1586, unless otherwise noted.
Notes: 6 1/4" ID Hollow Stem Augers
Visually Classified by: N/A - No Soil Samples obtained
File: 210081-D/tech/MW-01

07-07-2010 P:\PROJECTS\2010\210081-D - WRS - Newburgh\TECH\MW-1.bor

GeoLogic
PO Box 350, Homer, NY 13077
607-749-5000 / 607-749-5063 (fax)

SUBSURFACE LOG

Consolidated Iron and Metal Site

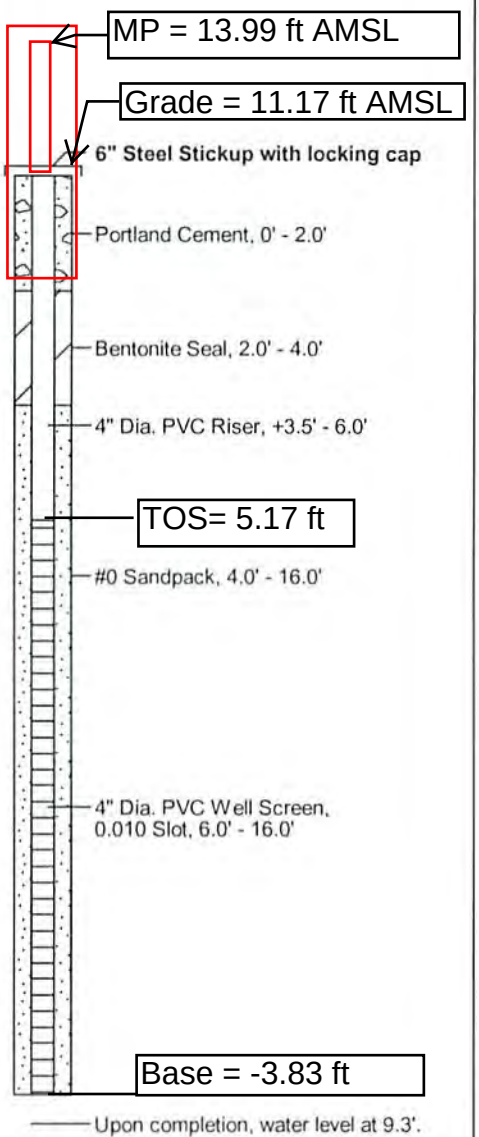
Newburgh, Orange County, New York

Boring No: : MW-02
Project No.: : 210081-D
Date Started: : 06/21/10
Date Completed: : 06/22/10

Well ID	Northing	Easting	MP (AMSL)	GS (AMSL)	SU (ft)
MW-02	970729.50	627363.05	13.99	11.17	2.82

Depth (ft)	Sample No.	Blow Count	N-Value	Recovery (ft)	REMARKS
0					
5					
10					
15					
20					

BORING TERMINATED AT 16.0'



Sampling Method: ASTM D-1586, unless otherwise noted.
Notes: 6 1/4" ID Hollow Stem Augers
Visually Classified by: N/A - No Soil Samples obtained
File: 210081-D/tech/MW-02

07-07-2010 P:\PROJECTS\2010\210081-D - WRS - Newburgh\TECH\MW-2.bor

GeoLogic
PO Box 350, Homer, NY 13077
607-749-5000 / 607-749-5063 (fax)

SUBSURFACE LOG

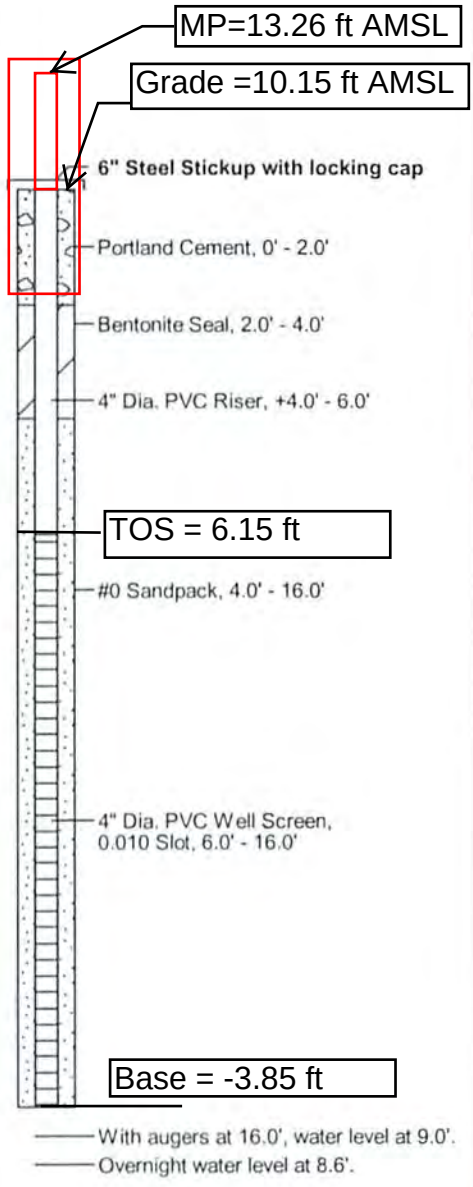
Consolidated Iron and Metal Site

Newburgh, Orange County, New York

Boring No: : MW-03A
Project No.: : 210081-D
Date Started: : 06/17/10
Date Completed: : 06/17/10

Well ID	Northing	Easting	MP (AMSL)	GS (AMSL)	SU (ft)
MW-03	970322.50	627414.63	13.26	10.15	3.10

Depth (ft)	Sample No.	Blow Count	N-Value	Recovery (ft)	REMARKS
0					**Well offset 3 feet east. See MW-03**
5					
10					
15					
					BORING TERMINATED AT 16.0'
20					



Sampling Method: ASTM D-1586, unless otherwise noted.
Notes: 6 1/4" ID Hollow Stem Augers
Visually Classified by: N/A - No Soil Samples obtained
File: 210081-D/tech/MW-03A

07-07-2010 P:\PROJECTS\2010\210081-D - WRS - Newburgh\TECH\MW-3A.bor

GeoLogic
PO Box 350, Homer, NY 13077
607-749-5000 / 607-749-5063 (fax)

SUBSURFACE LOG

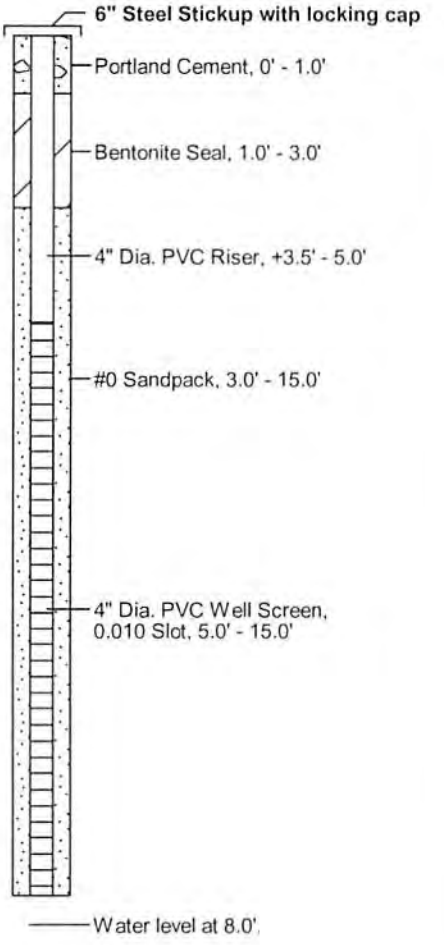
Consolidated Iron and Metal Site

Newburgh, Orange County, New York

Boring No: : MW-04
Project No.: : 210081-D
Date Started: : 06/21/10
Date Completed: : 06/21/10

Well ID	Northing	Easting	MP (AMSL)	GS (AMSL)	SU (ft)
MW-04	970579.61	627445.31	11.74	8.77	2.98

Depth (ft)	Sample No.	Blow Count	N-Value	Recovery (ft)	REMARKS
0					
5					
10					
15					BORING TERMINATED AT 15.0'
20					



Sampling Method: ASTM D-1586, unless otherwise noted.
Notes: 6 1/4" ID Hollow Stem Augers
Visually Classified by: N/A - No Soil Samples obtained
File: 210081-D/tech/MW-04

07-07-2010 P:\PROJECTS\2010\210081-D - WRS - Newburgh\TECH\MW-4.bor

GeoLogic
PO Box 350, Homer, NY 13077
607-749-5000 / 607-749-5063 (fax)

SUBSURFACE LOG

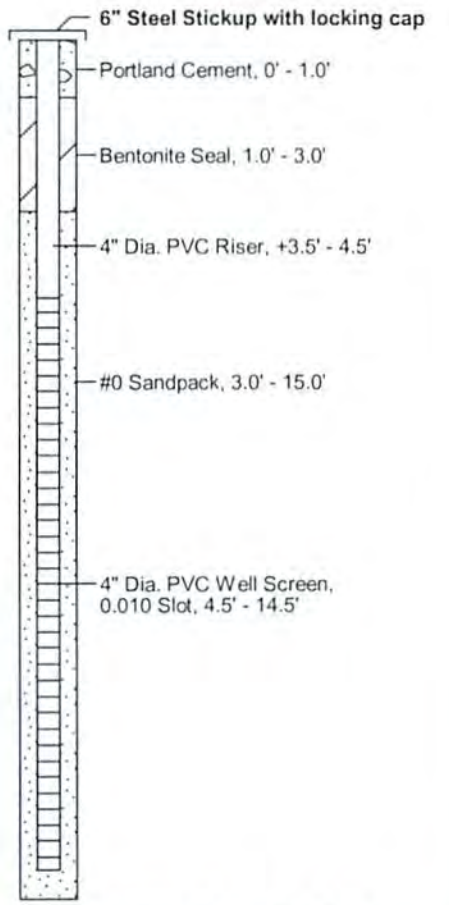
Consolidated Iron and Metal Site

Newburgh, Orange County, New York

Boring No: : MW-05
Project No.: : 210081-D
Date Started: : 06/22/10
Date Completed: : 06/23/10

Well ID	Northing	Easting	MP (AMSL)	GS (AMSL)	SU (ft)
MW-05	970674.09	627523.46	11.52	8.45	3.07

Depth (ft)	Sample No.	Blow Count	N-Value	Recovery (ft)	REMARKS
0					
5					
10					
15					BORING TERMINATED AT 15.0'
20					



Sampling Method: ASTM D-1586, unless otherwise noted.
Notes: 6 1/4" ID Hollow Stem Augers
Visually Classified by: N/A - No Soil Samples obtained
File: 210081-D/tech/MW-05

07-07-2010 P:\PROJECTS\2010\210081-D - WRS - Newburgh\TECH\MW-5.bor

GeoLogic
PO Box 350, Homer, NY 13077
607-749-5000 / 607-749-5063 (fax)

SUBSURFACE LOG

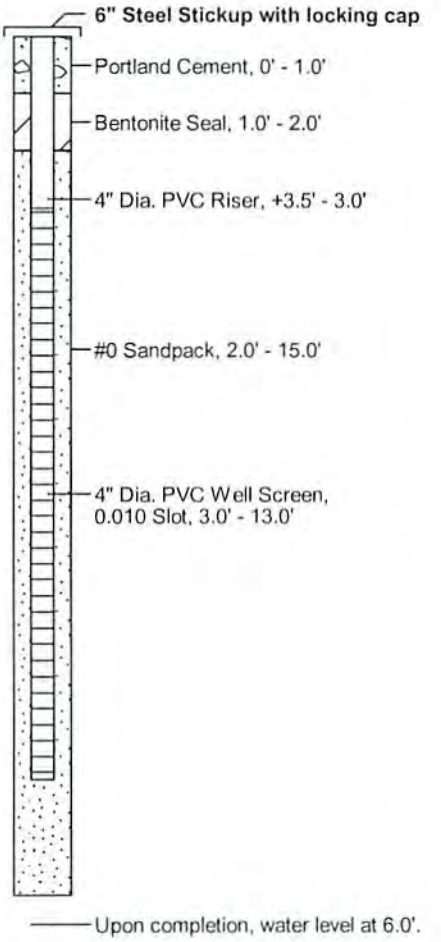
Consolidated Iron and Metal Site

Newburgh, Orange County, New York

Boring No: : MW-06
Project No.: : 210081-D
Date Started: : 07/01/10
Date Completed: : 07/01/10

Well ID	Northing	Easting	MP (AMSL)	GS (AMSL)	SU (ft)
MW-06	970916.54	627674.48	10.50	7.84	2.66

Depth (ft)	Sample No.	Blow Count	N-Value	Recovery (ft)	REMARKS
0					
5					
10					
15					BORING TERMINATED AT 15.0'
20					



Sampling Method: ASTM D-1586, unless otherwise noted.
Notes: 6 1/4" ID Hollow Stem Augers
Visually Classified by: N/A - No Soil Samples obtained
File: 210081-D/tech/MW-06

07-07-2010 P:\PROJECTS\2010\210081-D - WRS - Newburgh\TECH\MW-6.bor

GeoLogic
PO Box 350, Homer, NY 13077
607-749-5000 / 607-749-5063 (fax)

SUBSURFACE LOG

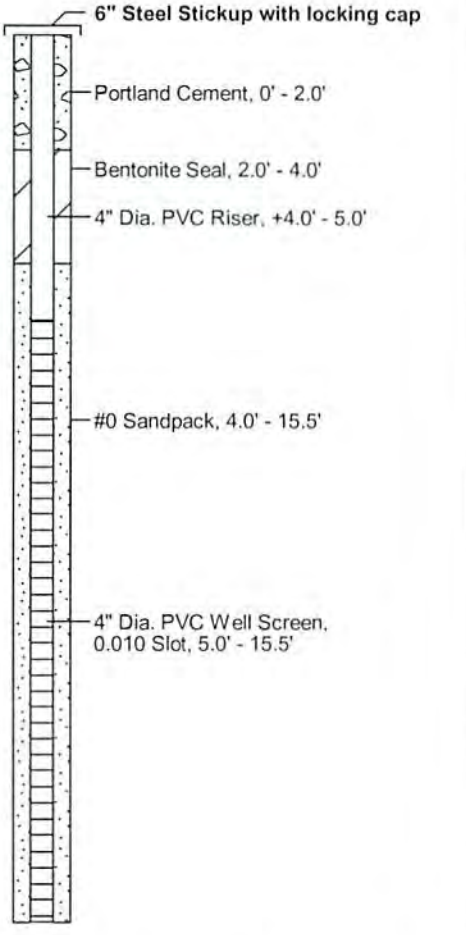
Consolidated Iron and Metal Site

Newburgh, Orange County, New York

Boring No: : MW-07
Project No.: : 210081-D
Date Started: : 06/17/10
Date Completed: : 06/18/10

Well ID	Northing	Easting	MP (AMSL)	GS (AMSL)	SU (ft)
MW-07	970415.75	627551.41	10.76	7.99	2.77

Depth (ft)	Sample No.	Blow Count	N-Value	Recovery (ft)	REMARKS
0					
5					
10					
15					BORING TERMINATED AT 15.5'
20					



With augers at 15.5', water level at 8.0'.
Upon completion, water level at 6.5'.

Sampling Method: ASTM D-1586, unless otherwise noted.
Notes: 6 1/4" ID Hollow Stem Augers
Visually Classified by: N/A - No Soil Samples obtained
File: 210081-D/tech/MW-07

07-07-2010 P:\PROJECTS\2010\210081-D - WRS - Newburgh\TECH\MW-7.bor

GeoLogic
PO Box 350, Homer, NY 13077
607-749-5000 / 607-749-5063 (fax)

SUBSURFACE LOG

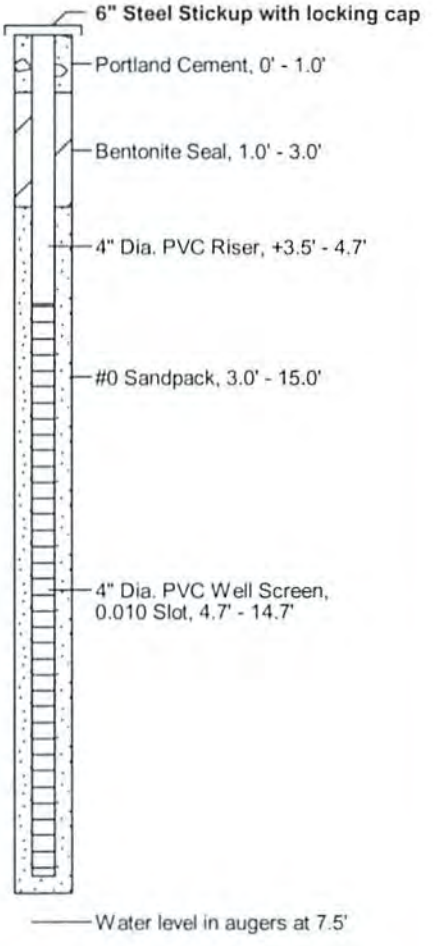
Consolidated Iron and Metal Site

Newburgh, Orange County, New York

Boring No: : MW-08
Project No.: : 210081-D
Date Started: : 06/22/10
Date Completed: : 06/23/10

Well ID	Northing	Easting	MP (AMSL)	GS (AMSL)	SU (ft)
MW-08	970561.11	627572.28	10.85	8.14	2.71

Depth (ft)	Sample No.	Blow Count	N-Value	Recovery (ft)	REMARKS
0					
5					
10					
15					BORING TERMINATED AT 15.0'
20					



Sampling Method: ASTM D-1586, unless otherwise noted.
Notes: 6 1/4" ID Hollow Stem Augers
Visually Classified by: N/A - No Soil Samples obtained
File: 210081-D/tech/MW-08

07-07-2010 P:\PROJECTS\2010\210081-D - WRS - Newburgh\TECH\MW-8.bor

GeoLogic
PO Box 350, Homer, NY 13077
607-749-5000 / 607-749-5063 (fax)

SUBSURFACE LOG

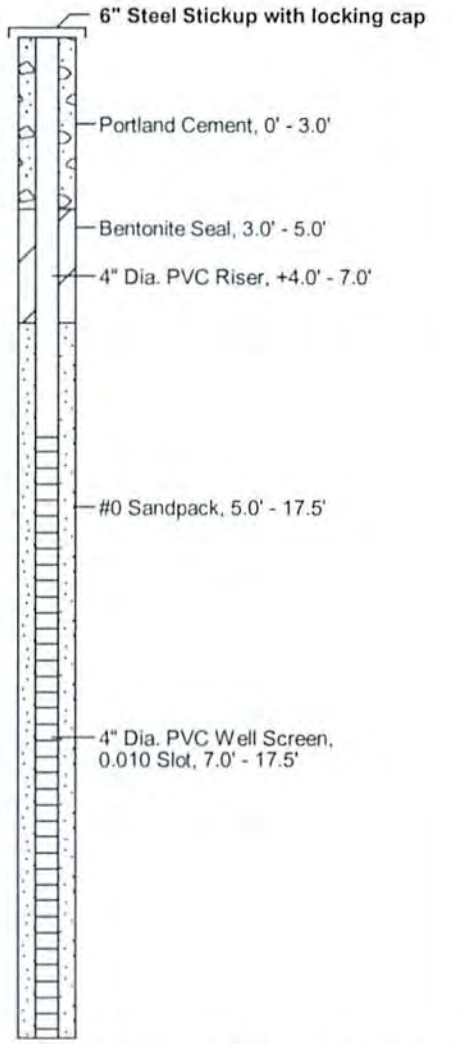
Consolidated Iron and Metal Site

Newburgh, Orange County, New York

Boring No: : MW-09
Project No.: : 210081-D
Date Started: : 06/18/10
Date Completed: : 06/18/10

Well ID	Northing	Easting	MP (AMSL)	GS (AMSL)	SU (ft)
MW-09	970214.64	627188.16	15.69	12.35	3.34

Depth (ft)	Sample No.	Blow Count	N-Value	Recovery (ft)	REMARKS
0					
5					
10					
15					
20					BORING TERMINATED AT 18.0'



Sampling Method: ASTM D-1586, unless otherwise noted.
Notes: 6 1/4" ID Hollow Stem Augers
Visually Classified by: N/A - No Soil Samples obtained
File: 210081-D/tech/MW-09

07-07-2010 P:\PROJECTS\2010\210081-D - WRS - Newburgh\TECH\MW-9.bor

GeoLogic
PO Box 350, Homer, NY 13077
607-749-5000 / 607-749-5063 (fax)

SUBSURFACE LOG

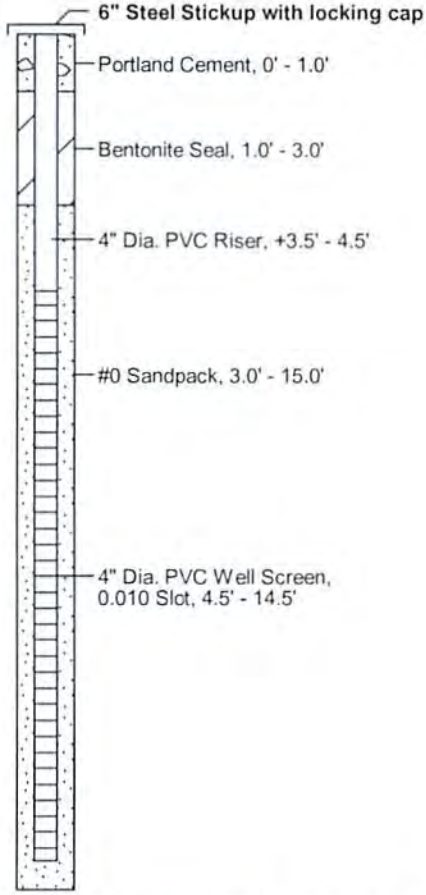
Consolidated Iron and Metal Site

Newburgh, Orange County, New York

Boring No: : MW-10
Project No.: : 210081-D
Date Started: : 06/23/10
Date Completed: : 06/23/10

Well ID	Northing	Easting	MP (AMSL)	GS (AMSL)	SU (ft)
MW-10	970807.84	627519.05	11.13	8.47	2.66

Depth (ft)	Sample No.	Blow Count	N-Value	Recovery (ft)	REMARKS
0					
5					
10					
15					BORING TERMINATED AT 15.0'
20					



Sampling Method: ASTM D-1586, unless otherwise noted.
Notes: 6 1/4" ID Hollow Stem Augers
Visually Classified by: N/A - No Soil Samples obtained
File: 210081-D/tech/MW-10

07-07-2010 P:\PROJECTS\2010\210081-D - WRS - Newburgh\TECH\MW-10.bor

Appendix C:
Visual Inspection Logs

ALL RIGHTS RESERVED. COPY OR REPRODUCTION OF THIS DRAWING OR DOCUMENT, OR ANY PORTION THEREOF, WITHOUT THE EXPRESS WRITTEN PERMISSION OF CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE CO., D.P.C. IS PROHIBITED. THIS DRAWING OR DOCUMENT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR ANY PURPOSE OTHER THAN THE SPECIFIC PROJECT, APPLICATION AND SITUATION FOR WHICH IT WAS INTENDED. ANY MODIFICATION OF THIS DRAWING OR DOCUMENT, OR ANY USE FOR ANY PROJECT, APPLICATION OR SITUATION OTHER THAN THAT FOR WHICH IT WAS INTENDED, WILL BE AT USER'S SOLE RISK AND WITHOUT LIABILITY TO CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE CO., D.P.C.
IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW FOR ANY PERSON TO ALTER THIS DRAWING OR DOCUMENT IN ANY WAY, UNLESS HE OR SHE IS ACTING UNDER THE DIRECTION OF A LICENSED DESIGN PROFESSIONAL (PROFESSIONAL ENGINEER, LAND SURVEYOR, ARCHITECT OR LANDSCAPE ARCHITECT). IF THIS DRAWING OR DOCUMENT IS ALTERED, THE ALTERING DESIGN PROFESSIONAL SHALL AFFIX TO THE DRAWING OR DOCUMENT HIS OR HER SEAL, THE NOTATION "ALTERED BY" FOLLOWED BY HIS OR HER SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

CONSOLIDATED IRON AND METAL SITE
SITE MANAGEMENT PLAN SITE WIDE INSPECTION FORM

Date: 11/11/15

Inspection Personnel: Dave Trudden

Weather Conditions: mild, PC

Subsurface soils are contaminated by cadmium, lead, total PCBs and VOCs (BTEX-MTBE) at levels exceeding restricted residential Soil Cleanup Objectives (SCOs). Currently, protection of public health and the environment to contaminated media is provided by an engineered cover system consisting of between 3.5 and more than 10 feet of clean fill underlain by a demarcation barrier. The location of the cover system is depicted on Figure 1 of the Site Management Plan (SMP). Shoreline stabilization measures have been employed to limit the potential for erosion.

Cover System Inspection

Has the overall condition of the cover system changed from the previous inspection (if first inspection, respond with N/A)? Yes____ No___ NA

If Yes, provide detail and identify on Site Plan

Is soil cover system adequately vegetated to prevent erosion? Yes X No___

If No, identify locations and provide detail on attached Site Plan

CONSOLIDATED IRON AND METAL SITE
SITE MANAGEMENT PLAN SITE WIDE INSPECTION FORM

Is there evidence that the soil cover system has been eroded by wind, water and/or planned or unplanned construction activities? Yes____ No X

If Yes, identify locations and provide detail on attached Site Plan

Is there evidence that the soil cover system has been breached (i.e., areas where surface appears patched, signs of excavation) Yes____ No X

If Yes, identify locations and provide detail on attached Site Plan

Is there evidence that the soil cover system has been breached intentionally by planned site activities? Yes____ No X
(i.e., areas where surface appears patched, signs of excavation)

If Yes, identify locations and provide detail on attached Site Plan

Is there evidence that the shoreline stabilization measures have been breached (i.e., areas where shoreline appears to be eroded our unstable)? Yes____ No X

If Yes, identify locations and provide detail on attached Site Plan

CONSOLIDATED IRON AND METAL SITE
SITE MANAGEMENT PLAN SITE WIDE INSPECTION FORM

Are there any changes to site operations and maintenance requirements for the components of the remedy? Yes____ No✓
If Yes, please describe

CONSOLIDATED IRON AND METAL SITE
SITE MANAGEMENT PLAN SITE WIDE INSPECTION FORM

Have photographs been taken of the cover system and shoreline for inclusion in the site inspection report. Yes✓ No___

If No, give reason

Are the existing groundwater monitoring wells intact and accessible? Yes✓ No___
If No, please describe the condition

Were the groundwater monitoring wells sampled during this inspection? Yes✓ No___
If No, why and when is the next scheduled monitoring well sampling event?

Are there any violations of the use restrictions observed Yes___ No✓
(e.g., non-community vegetable gardens)?Are the remedy components post-construction, such as institutional controls, and that shall also

Has there been any change in the use restrictions on the site or Yes___ No✓
the necessary provisions for ensuring that the easement covenant remains in place and is effective?
If No, list and/or identify

Google earth

feet 800

meters 200

Photo #1 representative of site conditions, road along the western side of the site (facing southeast from the gate at the northeast property corner).

Photo #2 of exposed filter fabric (facing North along the northern site boundary, ~100’ from the Northeast corner)

Photo #3 of some steel pallets (facing West along the western site boundary ~250' form the southwest corner).

Photo #4 of an old car wheel with tire among driftwood (facing west near the shore line, ~300' from the southeast corner).

Photo #5 of the southeast corner, signage facing the river indicates a buried utility that extends under the water (facing southeast).

Photo #6 representative of shoreline conditions, rip rap with brush and weeds throughout (facing southeast, ~300' form the southeast corner).

Photo #7 representative of shoreline conditions, rip rap with brush and weeds throughout (facing southeast).

Photo #8 west from shoreline. High water mark noatable

Photo #9 Southern fence lone with growth

Photo #10 Growth encroaching on fence

Appendix D:
Site Sampling Logs

ALL RIGHTS RESERVED. COPY OR REPRODUCTION OF THIS DRAWING OR DOCUMENT, OR ANY PORTION THEREOF, WITHOUT THE EXPRESS WRITTEN PERMISSION OF CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE CO., D.P.C. IS PROHIBITED. THIS DRAWING OR DOCUMENT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR ANY PURPOSE OTHER THAN THE SPECIFIC PROJECT, APPLICATION AND SITUATION FOR WHICH IT WAS INTENDED. ANY MODIFICATION OF THIS DRAWING OR DOCUMENT, OR ANY USE FOR ANY PROJECT, APPLICATION OR SITUATION OTHER THAN THAT FOR WHICH IT WAS INTENDED, WILL BE AT USER'S SOLE RISK AND WITHOUT LIABILITY TO CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE CO., D.P.C.
IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW FOR ANY PERSON TO ALTER THIS DRAWING OR DOCUMENT IN ANY WAY, UNLESS HE OR SHE IS ACTING UNDER THE DIRECTION OF A LICENSED DESIGN PROFESSIONAL (PROFESSIONAL ENGINEER, LAND SURVEYOR, ARCHITECT OR LANDSCAPE ARCHITECT). IF THIS DRAWING OR DOCUMENT IS ALTERED, THE ALTERING DESIGN PROFESSIONAL SHALL AFFIX TO THE DRAWING OR DOCUMENT HIS OR HER SEAL, THE NOTATION "ALTERED BY" FOLLOWED BY HIS OR HER SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID: CLM-MW04
Well ID: MW-04
Project Name: CLM
Sample Location: main

Sample Time: 1255
Sample Date: 11/11/15
Sample Tech(s): DF
Project and Task #: 41548
Project Manager: km

Sample Matrix (circle): **Groundwater** Surface Water Drinking Water Soil Air Other:

WELL INFORMATION:

Well Condition:

Lock Type: Key #:

PURGE DATA:

Measuring Point: TOC
Depth to Bottom: 18.45
Depth to Water: 10.85
Water Column Height: *(A)*
(depth to bottom - depth to water)
# of Volumes to be Purged: *(C)*
Gal. to be Purged: *(AxBxC)*

Pipe Width	*(B)* Gal/Foot
1.0"	0.037
1.5"	0.092
2.0"	0.163
2.5"	0.255
3.0"	0.367
4.0"	0.653
6.0"	1.469
8.0"	2.611

Purge Method: LOW FLOW
Start Date: 11/11/15
Start Time: 1220
Stop Time: 1250
Purge Rate (gpm): ~0.1
Elapsed Time (min): 30
Well Vol. Purged (#): >1
Purge Vol. (gal): 1.0
Well went dry? No Yes
Conditions: **No Odor** Odor
Clear Slightly-Turbid Turbid

FIELD RESULTS:

Gal purged	Date & Time	Depth to Water	Temp	SpCond	Cond.		TDS		DO	pH	ORP	
gal		ft	deg C	mS/cm°	mS/cm		g/L		mg/L		mV	
	12:25	10.88	14.67	971	782		0.633		5.01	7.76	-88.1	
	12:30	10.90	14.88	989	798		0.643		2.05	7.44	-105.1	
	12:35	10.91	14.93	989	799		0.643		1.79	7.35	-109	
	12:40	10.91	14.99	987	799		0.642		2.12	7.29	-111	
	12:45	10.91	15.04	986	798		0.641		2.22	7.25	-113	
	12:50	10.91	15.17	984	799		0.640		2.34	7.20	-112	

SAMPLE INFORMATION:

Sample Method: *(Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, Dir. Instrument Reading, etc.)*
Sample Type: **Grab** Composite
Weather:
Sample Depth:
Barometric Pres.:
Air Temp.(°F):
Wind:
Notes:

LAB REQUESTS:

Laboratory Name: Kiff
Analysis/Method: Per SAP
Turn Around Time: Standard

QA/QC: Duplicate Equip. Blank Field Blank Trip Blank

The Chazen Companies

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID: CM-MW 06
Well ID: MW-06
Project Name: Cen Prom
Sample Location: MW6

Sample Time: 1035
Sample Date: 11/11/15
Sample Tech(s): DF
Project and Task #: 44548
Project Manager: KM

Sample Matrix *(circle)*: **Groundwater** Soil Surface Water Air Drinking Water Other:

WELL INFORMATION:

Well Condition:

Lock Type: Key #:

PURGE DATA:

Measuring Point:
Depth to Bottom: 16.9
Depth to Water: 9.12
Water Column Height: *(A)* 7.78
(depth to bottom - depth to water)

# of Volumes to be Purged: *(C)*

Gal. to be Purged: *(AxBxC)*

Pipe Width	*(B)* Gal/Foot
1.0"	0.037
1.5"	0.092
2.0"	0.163
2.5"	0.255
3.0"	0.367
4.0"	0.653
6.0"	1.469
8.0"	2.611

Purge Method: LF
Start Date: ~~09-15~~ 11/11
Start Time: ~~10-30~~ 9:30
Stop Time: 10:50
Purge Rate (gpm): <0.1
Elapsed Time (min): 50
Well Vol. Purged (#): 4
Purge Vol. (gal): 1.6
Well went dry? No Yes
Conditions: No Odor Odor Clear Slightly-Turbid Turbid

FIELD RESULTS:

Gal purged (gal)	Date & Time	Depth to Water (ft)	Temp (deg C)	SpCond (mS/cm)	Cond. (mS/cm)		TDS (g/L)		DO (mg/L)	pH	ORP (mV)	
	9:50	9.19	14.66	924	742		0.600		10.64	8.08	-52.8	
	9:55	9.18	14.99	924	748		0.601		11.20	7.81	-61.8	
	10:00	9.19	15.15	925	751		0.601		6.30	7.65	-59.4	
	10:05	9.19	15.25	925	753		0.601		4.30	7.59	-60.1	
	10:10	9.19	15.31	925	754		0.601		3.23	7.59	-70.1	
	10:15	9.18	15.42	925	756		0.601		2.43	7.55	-80.1	
	10:20	9.18	15.47	925	757		0.602		2.23	7.57	-83.5	
	10:25	9.18	15.53	925	758		0.601		2.18	7.52	-85.7	
	10:30	9.18	15.58	925	759		0.601		2.15	7.50	-87.4	

SAMPLE INFORMATION:

Sample Method: *(Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, Dir. Instrument Reading, etc.)*
Sample Type: **Grab** Composite
Weather:
Sample Depth:
Barometric Pres.:
Air Temp.(°F):
Wind:

Notes:

LAB REQUESTS:

Laboratory Name: YUKK
Analysis/Method: SAP
Turn Around Time: STANDAR

QA/QC: Duplicate Equip. Blank Field Blank Trip Blank

The Chazen Companies

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID:
Well ID: MW-08
Project Name:
Sample Location:

Sample Time:
Sample Date: 11/11/15
Sample Tech(s): DR
Project and Task #:
Project Manager:

Sample Matrix *(circle)*: **Groundwater** Soil / Surface Water Air / Drinking Water Other:

WELL INFORMATION:

Well Condition:

Lock Type: Key #:

PURGE DATA:

Measuring Point:
Depth to Bottom:
Depth to Water:
Water Column Height: *(A)*
(depth to bottom - depth to water)
# of Volumes to be Purged: *(C)*
Gal. to be Purged: *(AxBxC)*

Pipe Width	*(B)* Gal/Foot
1.0"	0.037
1.5"	0.092
2.0"	0.163
2.5"	0.255
3.0"	0.367
4.0"	0.653
6.0"	1.469
8.0"	2.611

Purge Method:
Start Date:
Start Time:
Stop Time:
Purge Rate (gpm):
Elapsed Time (min):
Well Vol. Purged (#):
Purge Vol. (gal): 1.0
Well went dry? No Yes
Conditions: No Odor / Odor; Clear / Slightly-Turbid / Turbid

FIELD RESULTS:

Gal purged (gal)	Date & Time	Depth to Water (ft)	Temp (deg C)	SpCond (mS/cm)	Cond. (mS/cm)		TDS (g/L)		DO (mg/L)	pH	ORP (mV)	
	11:00	9.02	14.64	720	577		0.468		3.80	7.4	19.0	
	11:05	9.23	14.75	715	575		0.465		1.74	7.22	24.9	
	11:10	9.32	14.85	711	573		0.462		2.11	7.15	29.4	
	11:15	9.37	14.90	708	572		0.460		2.29	7.12	32.3	
	11:20	9.40	14.80	706	569		0.459		2.50	7.10	35.3	
	11:25	9.41	14.84	705	568		0.458		2.61	7.08	37.2	
	11:30		14.84	702	566		0.456		2.70	7.07	39.4	

SAMPLE INFORMATION:

Sample Method: *(Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, Dir. Instrument Reading, etc.)*
Sample Type: **Grab** Composite
Weather:
Sample Depth:
Barometric Pres.:
Air Temp.(°F):
Wind:
Notes:

LAB REQUESTS:

Laboratory Name: Analysis/Method: Turn Around Time:

QA/QC: Duplicate Equip. Blank Field Blank Trip Blank

The Chazen Companies

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID: CM-MW01
Well ID: MW-01
Project Name: Consolidated Iron
Sample Location: MW01

Sample Time: 12:10
Sample Date: 11/10/15
Sample Tech(s): Will Olson
Project and Task #: 41548.00
Project Manager: KPM

Sample Matrix *(circle)*: Groundwater, Surface Water, Drinking Water, Soil, Air, Other:

WELL INFORMATION:

Well Condition: Excellent

Lock Type: Removed / Replaced

Key #:

PURGE DATA:

Measuring Point: TOC
Depth to Bottom:
Depth to Water: 15.53
Water Column Height: *(A)*
(depth to bottom - depth to water)

# of Volumes to be Purged: *(C)*

Gal. to be Purged: *(AxBxC)*

Pipe Width	*(B)* Gal/Foot
1.0"	0.037
1.5"	0.092
2.0"	0.163
2.5"	0.255
3.0"	0.367
4.0"	0.653
6.0"	1.469
8.0"	2.611

Purge Method: Low Flow
Start Date: 11/10/15
Start Time: 11:35
Stop Time: 12:10
Purge Rate (gpm): < 0.1
Elapsed Time (min): 35 min
Well Vol. Purged (#):
Purge Vol. (gal): 2.5
Well went dry? No Yes
Conditions: No Odor, Clear, Odor, Slightly-Turbid, Turbid

FIELD RESULTS:

Gal purged (gal)	Date & Time	Depth to Water (ft)	Temp (deg C)	SpCond (mS/cm°)	Cond. (mS/cm)		TDS (g/L)		DO (mg/L)	pH	ORP (mV)	
	1135	15.17	15.4	2520					1.56	6.89	-100.6	
	1140	15.28	15.5	2554					1.04	6.88	-117.4	
	1145	15.33	15.5	2547					0.78	6.87	-122.3	
	1150	15.35	15.6	2525					0.62	6.85	-92.0	
	1155	15.40	15.7	2497					0.46	6.82	-67.2	
	1200	15.45	15.7	2446					0.33	6.79	-62.7	
	1205	15.48	15.7	2429					0.29	6.79	-60.2	
	1210	15.53	15.8	2397					0.27	6.79	-58.2	

SAMPLE INFORMATION:

Sample Method: *(Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, Dir. Instrument Reading, etc.)*
Sample Type: Grab Composite
Weather:
Sample Depth:
Barometric Pres.:
Air Temp.(°F):
Wind:
Notes:

LAB REQUESTS:

Laboratory Name:
Analysis/Method:
Turn Around Time:

QA/QC: Duplicate Equip. Blank Field Blank Trip Blank

The Chazen Companies

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID: CIM-MW02
Well ID: MW02
Project Name:
Sample Location:

Sample Time:
Sample Date: 11/19
Sample Tech(s): WO
Project and Task #:
Project Manager:

Sample Matrix *(circle)*: **Groundwater** Surface Water Drinking Water Soil Air Other:

WELL INFORMATION:

Well Condition:

Lock Type: Key #:

PURGE DATA:

Measuring Point:
Depth to Bottom:
Depth to Water:
Water Column Height: *(A)*
(depth to bottom - depth to water)

# of Volumes to be Purged: *(C)*

Gal. to be Purged: *(AxBxC)*

(B) Pipe Width	Gal/Foot
1.0"	0.037
1.5"	0.092
2.0"	0.163
2.5"	0.255
3.0"	0.367
4.0"	0.653
6.0"	1.469
8.0"	2.611

Purge Method:
Start Date:
Start Time:
Stop Time:
Purge Rate (gpm):
Elapsed Time (min):
Well Vol. Purged (#):
Purge Vol. (gal): 3.5
Well went dry? No Yes
Conditions: No Odor Odor
Clear Slightly-Turbid Turbid

FIELD RESULTS:

Gal purged	Date & Time	Depth to Water	Temp	SpCond	Cond.		TDS		DO	pH	ORP	
gal		ft	deg C	mS/cm°	mS/cm		g/L		mg/L		mV	
	12:50	13.13	14.9	1627					1.20	6.72	-109.4	
	12:55	12.25	15.3	1637					0.43	6.69	-110.5	
	13:00	13.26	15.4	1644					0.31	6.67	-108.6	
	13:05	13.26	15.4	1643					0.24	6.69	-105.4	
	13:10	13.26	15.4	1628					0.22	6.69	-75.1	
	13:15	13.25	15.4	1592					0.21	6.72	-61.1	
	13:20	13.26	15.5	1563					0.20	6.73	-50.8	
	13:25	13.26	15.4	1547					0.23	6.73	-48.5	
	13:30	13.26	15.4	1536					0.20	6.74	-43.3	

SAMPLE INFORMATION:

Sample Method: *(Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, Dir. Instrument Reading, etc.)*
Sample Type: **Grab** Composite
Sample Depth:
Weather:
Barometric Pres.:
Wind:
Air Temp.(°F):
Notes:

LAB REQUESTS:

Laboratory Name:
Analysis/Method:
Turn Around Time:

QA/QC: Duplicate Equip. Blank Field Blank Trip Blank

The Chazen Companies

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID:
Well ID: MW-05
Project Name:
Sample Location:

Sample Time:
Sample Date: 11/10
Sample Tech(s): NU
Project and Task #: 4,548
Project Manager:

Sample Matrix *(circle)*: **Groundwater** Surface Water Drinking Water Soil Air Other:

WELL INFORMATION:

Well Condition:

Lock Type: Key #:

PURGE DATA:

Measuring Point:
Depth to Bottom:
Depth to Water:
Water Column Height: *(A)*
(depth to bottom - depth to water)
# of Volumes to be Purged: *(C)*
Gal. to be Purged: *(AxBxC)*

Pipe Width	*(B)* Gal/Foot
1.0"	0.037
1.5"	0.092
2.0"	0.163
2.5"	0.255
3.0"	0.367
4.0"	0.653
6.0"	1.469
8.0"	2.611

Purge Method:
Start Date:
Start Time:
Stop Time:
Purge Rate (gpm):
Elapsed Time (min):
Well Vol. Purged (#):
Purge Vol. (gal): 2.5
Well went dry? No Yes
Conditions: No Odor Odor Clear Slightly-Turbid Turbid

FIELD RESULTS:

Gal purged	Date & Time	Depth to Water	Temp	SpCond	Cond.		TDS		DO	pH	ORP	
gal		ft	deg C	mS/cm°	mS/cm		g/L		mg/L		mV	
	14:23	10.82	14.6	1217					0.39	7.11	-133.6	
	14:28	10.99	15.4	1223					0.46	7.11	-139.5	
	14:33	11.02	15.4	1217					0.27	7.12	-138.1	
	14:38	11.02	15.5	1216					0.22	7.13	-141.4	
	14:43	11.02	15.5	1214					0.20	7.14	-142.0	
	14:48	11.02	15.5	1212					0.19	7.15	-142.4	

SAMPLE INFORMATION:

Sample Method: *(Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, Dir. Instrument Reading, etc.)*
Sample Type: **Grab** Composite
Weather:
Sample Depth:
Barometric Pres.:
Air Temp.(°F):
Wind:
Notes:

LAB REQUESTS:

Laboratory Name: Analysis/Method: Turn Around Time:

QA/QC: Duplicate Equip. Blank Field Blank Trip Blank

The Chazen Companies

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID:
Well ID: MW-10
Project Name:
Sample Location:

Sample Time:
Sample Date: 11/30
Sample Tech(s): WD
Project and Task #:
Project Manager:

Sample Matrix *(circle)*: **Groundwater** Soil / Surface Water / Air / Drinking Water / Other:

WELL INFORMATION:

Well Condition:

Lock Type: Key #:

PURGE DATA:

Measuring Point:
Depth to Bottom:
Depth to Water:
Water Column Height: *(A)*
(depth to bottom - depth to water)

# of Volumes to be Purged: *(C)*

Gal. to be Purged: *(AxBxC)*

Pipe Width	*(B)* Gal/Foot
1.0"	0.037
1.5"	0.092
2.0"	0.163
2.5"	0.255
3.0"	0.367
4.0"	0.653
6.0"	1.469
8.0"	2.611

Purge Method:
Start Date:
Start Time:
Stop Time:
Purge Rate (gpm):
Elapsed Time (min):
Well Vol. Purged (#):
Purge Vol. (gal): 2.25
Well went dry? No Yes
Conditions: No Odor / Odor; Clear / Slightly-Turbid / Turbid

FIELD RESULTS:

Gal purged	Date & Time	Depth to Water	Temp	SpCond	Cond.		TDS		DO	pH	ORP	
gal		ft	deg C	mS/cm[c]	mS/cm		g/L		mg/L		mV	
	15:37	10.44	14.7	1142					1.42	7.19	130.5	
	15:42	10.50	14.9	1165					0.46	7.20	-131.3	
	15:47	10.50	15.0	1162					0.27	7.19	-113.8	
	15:52	10.51	15.1	1160					0.21	7.19	-103.9	
	15:57	10.52	15.1	1159					0.20	7.17	-93.5	
	16:02	10.54	15.1	1160					0.19	7.17	-88.6	

SAMPLE INFORMATION:

Sample Method: *(Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, Dir. Instrument Reading, etc.)*
Sample Type: **Grab** / Composite
Weather:
Sample Depth:
Barometric Pres.:
Wind:
Air Temp.(°F):
Notes:

LAB REQUESTS:

Laboratory Name: Analysis/Method: Turn Around Time:

QA/QC: Duplicate Equip. Blank Field Blank Trip Blank

The Chazen Companies

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID: CIM-MW-03
Well ID: MW-03
Project Name:
Sample Location: Newburgh, NY

Sample Time: 1455
Sample Date: 11/10/15
Sample Tech(s): mw
Project and Task #:
Project Manager: K. McGrath

Sample Matrix *(circle)*: **Groundwater** Surface Water Drinking Water Soil Air Other:

WELL INFORMATION:

Well Condition: Good, No Lock
Lock Type: Installed Master Lock Key #: 3303

PURGE DATA:

Measuring Point: TOC-PVC
Depth to Bottom: 19.46
Depth to Water: 12.51
Water Column Height: *(A)* 6.95
(depth to bottom - depth to water)
# of Volumes to be Purged: *(C)*
Gal. to be Purged: *(AxBxC)*

(B) Pipe Width	Gal/Foot
1.0"	0.037
1.5"	0.092
2.0"	0.163
2.5"	0.255
3.0"	0.367
(4.0")	(0.653)
6.0"	1.469
8.0"	2.611

Purge Method: Lo-Flo
Start Date: 11/10/15
Start Time: 1425
Stop Time: 1455
Purge Rate (gpm):
Elapsed Time (min):
Well Vol. Purged (#):
Purge Vol. (gal): ~1.5 gal
Well went dry? (No) Yes
Conditions: No Odor (Odor) Clear (Slightly-Turbid) Turbid

FIELD RESULTS:

Gal purged (gal)	Date & Time 11/10/15	Depth to Water (ft)	Temp (deg C)	SpCond (mS/cm)	Cond. (mS/cm)	Turb.	TDS (g/L)		DO (mg/L)	pH	ORP (mV)	odor
	1425	12.51	14.49	1168	933	Slight	0.759		2.43	7.68	-104.1	Slight Chem.
	1430	12.64	14.81	1156	931	Slight	0.751		2.32	7.38	-101.3	Slight Chem.
	1435	12.63	14.79	1147	924	Slight	0.746		2.91	7.23	-95.9	Slight Chem.
	1440	12.63	14.76	1135	913	Slight	0.738		3.78	7.15	-92.8	Slight Chem.
	1445	12.64	14.86	1126	908	Slight	0.732		4.12	7.12	-97.6	Slight Chem.
	1450	12.64	14.95	1121	906	Slight	0.729		4.27	7.10	-100.1	Slight Chem.
	1455	12.65	15.00	1117	904	Slight	0.726		4.40	7.08	-102.0	Slight Chem.

SAMPLE INFORMATION:

Sample Method: Peristaltic *(Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, Dir. Instrument Reading, etc.)*
Sample Type: (Grab) Composite
Weather: Rainy, 57°F
Notes:
Sample Depth:
Barometric Pres.:
Air Temp.(°F):
Wind: Breezy

LAB REQUESTS:

Laboratory Name:
Analysis/Method: HCl preserved
Turn Around Time:

QA/QC: Duplicate Equip. Blank Field Blank Trip Blank

The Chazen Companies

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID: CIM-MW-07
Well ID: MW-07
Project Name:
Sample Location: Newburgh, NY

Sample Time: 1620
Sample Date: 11/10/15
Sample Tech(s): MM
Project and Task #:
Project Manager:

Sample Matrix *(circle)*: **Groundwater** Surface Water Drinking Water Soil Air Other:

WELL INFORMATION:

Well Condition: Good, No Lock
Lock Type: Installed Master Lock Key #: 3303

PURGE DATA:

Measuring Point: TOC-PVC
Depth to Bottom: 18.47
Depth to Water: 10.20
Water Column Height: *(A)* 8.27
(depth to bottom - depth to water)

# of Volumes to be Purged: *(C)*

Gal. to be Purged: *(AxBxC)*

Pipe Width *(B)*	Gal/Foot
1.0"	0.037
1.5"	0.092
2.0"	0.163
2.5"	0.255
3.0"	0.367
4.0"	0.653
6.0"	1.469
8.0"	2.611

Purge Method: Lo-Flo
Start Date: 11/10/15
Start Time: 1545
Stop Time: 1620
Purge Rate (gpm):
Elapsed Time (min):
Well Vol. Purged (#):
Purge Vol. (gal):
Well went dry? No Yes
Conditions: No Odor Slight Odor
Clear Slightly-Turbid Turbid

FIELD RESULTS:

Gal purged	Date & Time 11/10/15	Depth to Water	Temp	SpCond	Cond.	Turb.	TDS		DO	pH	ORP	Odor
gal		ft	deg C	mS/cm	mS/cm		g/L		mg/L		mV	
	1545	10.20	15.03	962	779	Slight	0.625		2.39	7.70	-97.3	mild Chem.
	1550	10.41	14.92	974	787	Slight	0.634		2.02	7.46	-103.4	mild Chem.
	1555	10.42	15.05	976	790	Slight	0.634		2.22	7.36	-105.5	mild Chem.
	1600	10.41	15.09	975	791	Slight	0.634		2.48	7.30	-104.2	mild Chem.
	1605	10.40	15.06	975	790	Slight	0.634		2.72	7.27	-105.5	mild Chem.
	1610	10.40	14.96	978	789	Slight	0.636		2.99	7.24	-105.1	mild Chem.
	1615	10.39	14.86	977	788	Slight	0.635		3.09	7.22	-108.5	mild Chem.
	1620	10.39	14.86	977	787	Slight	0.635		3.09	7.20	-105.6	mild Chem.

SAMPLE INFORMATION:

Sample Method: Peristaltic *(Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, Dir. Instrument Reading, etc.)*
Sample Type: **Grab** Composite
Weather: Rainy, 57°F
Notes:

Sample Depth:
Barometric Pres.:
Air Temp.(°F):
Wind: Slight breeze

LAB REQUESTS:

Laboratory Name: Analysis/Method: Turn Around Time:

QA/QC: Duplicate Equip. Blank Field Blank Trip Blank

The Chazen Companies

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID: CM-MW-09
Well ID: MW-09
Project Name:
Sample Location: Newburgh, NY

Sample Time: 13:21
Sample Date: 11/10/15
Sample Tech(s): MM
Project and Task #:
Project Manager: K. McGrath

Sample Matrix *(circle)*: **Groundwater** Soil / Surface Water Air / Drinking Water Other:

WELL INFORMATION:

Well Condition: Good, no Lock
Lock Type: Installed Master Lock Key #: 3303

PURGE DATA:

Measuring Point: TOC-PVC
Depth to Bottom: 20.84
Depth to Water: 13.83
Water Column Height: *(A)* 7.01
(depth to bottom - depth to water)
# of Volumes to be Purged: *(C)*
Gal. to be Purged: *(AxBxC)*

(B)

Pipe Width	Gal/Foot
1.0"	0.037
1.5"	0.092
2.0"	0.163
2.5"	0.255
3.0"	0.367
4.0"	0.653
6.0"	1.469
8.0"	2.611

Purge Method: Lo-Flo
Start Date: 11/10/15
Start Time: 13:06
Stop Time: 13:21
Purge Rate (gpm):
Elapsed Time (min):
Well Vol. Purged (#):
Purge Vol. (gal): ~1.25 gal
Well went dry? (No) Yes
Conditions: No Odor / Slight Odor
(Clear) / Slightly-Turbid / Turbid

FIELD RESULTS:

Gal purged	Date & Time	Depth to Water	Temp	SpCond	Cond.	Turb.	TDS		DO	pH	ORP	
gal		ft	deg C	mS/cm	mS/cm		g/L		mg/L		mV	
	13:06	13.83	13.17	1454	1126	Clear	0.945		4.65	8.05	-72.2	mild bio.
	13:11	13.87	13.85	1434	1129	Clear	0.932		4.22	7.79	-77.3	mild bio.
	13:16	13.87	13.95	1429	1127	Clear	0.929		4.35	7.67	-78.0	mild bio
	13:21	13.87	14.03	1429	1129	Clear	0.929		4.46	7.59	-80.6	mild bio

SAMPLE INFORMATION:

Sample Method: Peristaltic *(Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, Dir. Instrument Reading, etc.)*
Sample Type: (Grab) Composite
Weather: Rain, 57°F
Sample Depth:
Barometric Pres.:
Air Temp.(°F):
Wind: Breezy
Notes:

LAB REQUESTS:

Laboratory Name: Analysis/Method: Turn Around Time:

QA/QC: Duplicate Equip. Blank Field Blank Trip Blank

Appendix E:
Laboratory Report

ALL RIGHTS RESERVED. COPY OR REPRODUCTION OF THIS DRAWING OR DOCUMENT, OR ANY PORTION THEREOF, WITHOUT THE EXPRESS WRITTEN PERMISSION OF CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE CO., D.P.C. IS PROHIBITED. THIS DRAWING OR DOCUMENT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR ANY PURPOSE OTHER THAN THE SPECIFIC PROJECT, APPLICATION AND SITUATION FOR WHICH IT WAS INTENDED. ANY MODIFICATION OF THIS DRAWING OR DOCUMENT, OR ANY USE FOR ANY PROJECT, APPLICATION OR SITUATION OTHER THAN THAT FOR WHICH IT WAS INTENDED, WILL BE AT USER'S SOLE RISK AND WITHOUT LIABILITY TO CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE CO., D.P.C.
IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW FOR ANY PERSON TO ALTER THIS DRAWING OR DOCUMENT IN ANY WAY, UNLESS HE OR SHE IS ACTING UNDER THE DIRECTION OF A LICENSED DESIGN PROFESSIONAL (PROFESSIONAL ENGINEER, LAND SURVEYOR, ARCHITECT OR LANDSCAPE ARCHITECT). IF THIS DRAWING OR DOCUMENT IS ALTERED, THE ALTERING DESIGN PROFESSIONAL SHALL AFFIX TO THE DRAWING OR DOCUMENT HIS OR HER SEAL, THE NOTATION "ALTERED BY" FOLLOWED BY HIS OR HER SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)
21 Fox Street
Poughkeepsie NY, 12601
Attention: Will Olsen

Report Date: 11/23/2015
Client Project ID: 41548 - Washington Street
York Project (SDG) No.: 15K0438

Report Date: 11/23/2015
Client Project ID: 41548 - Washington Street
York Project (SDG) No.: 15K0438

Chazen Environmental Services (Poughkeepsie)
21 Fox Street
Poughkeepsie NY, 12601
Attention: Will Olsen

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 November 11, 2015 and listed below. The project was identified as your project: **41548 - Washington Street**.

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.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
15K0438-01	CIM-MW-01	Water	11/10/2015	11/11/2015
15K0438-02	CIM-MW-02	Water	11/10/2015	11/11/2015
15K0438-03	CIM-MW-05	Water	11/10/2015	11/11/2015
15K0438-04	CIM-MW-10	Water	11/10/2015	11/11/2015
15K0438-05	CIM-FD-01	Water	11/10/2015	11/11/2015
15K0438-06	CIM-EB-01	Water	11/10/2015	11/11/2015
15K0438-07	CIM-MW-03	Water	11/10/2015	11/11/2015
15K0438-08	CIM-MW-07	Water	11/10/2015	11/11/2015
15K0438-09	CIM-MW-09	Water	11/10/2015	11/11/2015
15K0438-10	CIM-MW-06	Water	11/11/2015	11/11/2015
15K0438-11	CIM-MW-08	Water	11/11/2015	11/11/2015
15K0438-12	CIM-MW-04	Water	11/11/2015	11/11/2015

General Notes for York Project (SDG) No.: 15K0438

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:

Date: 11/23/2015

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **CIM-MW-01** **York Sample ID:** **15K0438-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 12:10 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/20/2015 16:46	11/20/2015 20:52	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/20/2015 16:46	11/20/2015 20:52	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/20/2015 16:46	11/20/2015 20:52	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/20/2015 16:46	11/20/2015 20:52	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/20/2015 16:46	11/20/2015 20:52	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/20/2015 16:46	11/20/2015 20:52	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/20/2015 16:46	11/20/2015 20:52	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/20/2015 16:46	11/20/2015 20:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/20/2015 16:46	11/20/2015 20:52	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/20/2015 16:46	11/20/2015 20:52	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/20/2015 16:46	11/20/2015 20:52	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/20/2015 16:46	11/20/2015 20:52	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/20/2015 16:46	11/20/2015 20:52	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/20/2015 16:46	11/20/2015 20:52	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/20/2015 16:46	11/20/2015 20:52	SS
78-93-3	**2-Butanone**	**4.3**		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/20/2015 16:46	11/20/2015 20:52	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/20/2015 16:46	11/20/2015 20:52	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/20/2015 16:46	11/20/2015 20:52	SS
67-64-1	**Acetone**	**11**		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/20/2015 16:46	11/20/2015 20:52	SS
71-43-2	**Benzene**	**37**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/20/2015 16:46	11/20/2015 20:52	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/20/2015 16:46	11/20/2015 20:52	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/20/2015 16:46	11/20/2015 20:52	SS

Sample Information

Client Sample ID: CIM-MW-01 **York Sample ID:** 15K0438-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 12:10 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/20/2015 16:46	11/20/2015 20:52	SS CTDOH,NELAC-NY10854,NJDEP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/20/2015 16:46	11/20/2015 20:52	SS CTDOH,NELAC-NY10854,NJDEP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/20/2015 16:46	11/20/2015 20:52	SS CTDOH,NELAC-NY10854,NJDEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/20/2015 16:46	11/20/2015 20:52	SS CTDOH,NELAC-NY10854,NJDEP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/20/2015 16:46	11/20/2015 20:52	SS CTDOH,NELAC-NY10854,NJDEP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/20/2015 16:46	11/20/2015 20:52	SS CTDOH,NELAC-NY10854,NJDEP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/20/2015 16:46	11/20/2015 20:52	SS CTDOH,NELAC-NY10854,NJDEP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/20/2015 16:46	11/20/2015 20:52	SS CTDOH,NELAC-NY10854,NJDEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/20/2015 16:46	11/20/2015 20:52	SS CTDOH,NELAC-NY10854,NJDEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/20/2015 16:46	11/20/2015 20:52	SS CTDOH,NELAC-NY10854,NJDEP
110-82-7	**Cyclohexane**	**130**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/20/2015 16:46	11/20/2015 20:52	SS NELAC-NY10854,NJDEP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/20/2015 16:46	11/20/2015 20:52	SS CTDOH,NELAC-NY10854,NJDEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/20/2015 16:46	11/20/2015 20:52	SS NELAC-NY10854,NJDEP
100-41-4	**Ethyl Benzene**	**55**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/20/2015 16:46	11/20/2015 20:52	SS CTDOH,NELAC-NY10854,NJDEP
98-82-8	**Isopropylbenzene**	**1.6**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/20/2015 16:46	11/20/2015 20:52	SS CTDOH,NELAC-NY10854,NJDEP
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/20/2015 16:46	11/20/2015 20:52	SS NELAC-NY10854,NJDEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/20/2015 16:46	11/20/2015 20:52	SS CTDOH,NELAC-NY10854,NJDEP
108-87-2	**Methylcyclohexane**	**30**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/20/2015 16:46	11/20/2015 20:52	SS NELAC-NY10854,NJDEP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	11/20/2015 16:46	11/20/2015 20:52	SS CTDOH,NELAC-NY10854,NJDEP
95-47-6	**o-Xylene**	**0.48**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/20/2015 16:46	11/20/2015 20:52	SS NELAC-NY10854
179601-23-1	**p- & m- Xylenes**	**5.1**		ug/L	0.50	1.0	1	EPA 8260C Certifications:	11/20/2015 16:46	11/20/2015 20:52	SS NELAC-NY10854
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/20/2015 16:46	11/20/2015 20:52	SS CTDOH,NELAC-NY10854,NJDEP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/20/2015 16:46	11/20/2015 20:52	SS CTDOH,NELAC-NY10854,NJDEP

Sample Information

Client Sample ID: CIM-MW-01 **York Sample ID:** 15K0438-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 12:10 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	**Toluene**	**5.3**		ug/L	0.20	0.50	1	EPA 8260C	11/20/2015 16:46	11/20/2015 20:52	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/20/2015 16:46	11/20/2015 20:52	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/20/2015 16:46	11/20/2015 20:52	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/20/2015 16:46	11/20/2015 20:52	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/20/2015 16:46	11/20/2015 20:52	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/20/2015 16:46	11/20/2015 20:52	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
1330-20-7	*** Xylenes, Total**	**5.6**		ug/L	0.60	1.5	1	EPA 8260C	11/20/2015 16:46	11/20/2015 20:52	SS
								Certifications: CTDOH,NJDEP			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*97.5 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.4 %*	*79-122*

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by 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	11/16/2015 05:20	11/16/2015 18:07	KH
								Certifications: NELAC-NY10854,NJDEP			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/16/2015 05:20	11/16/2015 18:07	KH
								Certifications: NELAC-NY10854,NJDEP			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/16/2015 05:20	11/16/2015 18:07	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/16/2015 05:20	11/16/2015 18:07	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/16/2015 05:20	11/16/2015 18:07	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/16/2015 05:20	11/16/2015 18:07	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/16/2015 05:20	11/16/2015 18:07	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/16/2015 05:20	11/16/2015 18:07	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/16/2015 05:20	11/16/2015 18:07	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/16/2015 05:20	11/16/2015 18:07	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/16/2015 05:20	11/16/2015 18:07	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: CIM-MW-01 **York Sample ID:** 15K0438-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 12:10 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	**2-Methylnaphthalene**	**8.15**		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:20	11/16/2015 18:07	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:20	11/16/2015 18:07	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:20	11/16/2015 18:07	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:20	11/16/2015 18:07	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:20	11/16/2015 18:07	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:20	11/16/2015 18:07	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:20	11/16/2015 18:07	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:20	11/16/2015 18:07	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:20	11/16/2015 18:07	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:20	11/16/2015 18:07	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:20	11/16/2015 18:07	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:20	11/16/2015 18:07	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:20	11/16/2015 18:07	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:20	11/16/2015 18:07	KH
83-32-9	Acenaphthene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:20	11/16/2015 18:07	KH
208-96-8	Acenaphthylene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:20	11/16/2015 18:07	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/16/2015 05:20	11/16/2015 18:07	KH
120-12-7	Anthracene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:20	11/16/2015 18:07	KH
1912-24-9	Atrazine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/16/2015 05:20	11/16/2015 18:07	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/16/2015 05:20	11/16/2015 18:07	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:20	11/16/2015 18:07	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:20	11/16/2015 18:07	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:20	11/16/2015 18:07	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:20	11/16/2015 18:07	KH

Sample Information

Client Sample ID: CIM-MW-01 **York Sample ID:** 15K0438-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 12:10 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by 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	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
218-01-9	Chrysene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
206-44-0	Fluoranthene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
86-73-7	Fluorene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
118-74-1	Hexachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
67-72-1	Hexachloroethane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 NELAC-NY10854	11/16/2015 18:07	KH
91-20-3	**Naphthalene**	**21.4**		ug/L	0.256	0.256	5	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 14:44	KH

Sample Information

Client Sample ID: CIM-MW-01 **York Sample ID:** 15K0438-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 12:10 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
87-86-5	Pentachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
85-01-8	Phenanthrene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 NELAC-NY10854	11/16/2015 18:07	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:07	KH
129-00-0	Pyrene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:07	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*36.5 %*	*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*22.7 %*	*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*102 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*75.4 %*	*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*102 %*	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*148 %*	*15-106*

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:28	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:28	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:28	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:28	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:28	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:28	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:28	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:28	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:28	AMC

Sample Information

Client Sample ID: CIM-MW-01 **York Sample ID:** 15K0438-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 12:10 pm	11/11/2015

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:28	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:28	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:28	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:28	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:28	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:28	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:28	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:28	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:28	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:28	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:28	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.8 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.5 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/18/2015 23:10	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/18/2015 23:10	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/18/2015 23:10	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/18/2015 23:10	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/18/2015 23:10	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/18/2015 23:10	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/18/2015 23:10	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24	11/18/2015 23:10	AMC

Sample Information

Client Sample ID: CIM-MW-01 **York Sample ID:** 15K0438-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 12:10 pm	11/11/2015

Polychlorinated Biphenyls (PCB)

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*42.8 %*			*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.5 %*			*30-120*						

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	ND		mg/L	0.056	0.056	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:20	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:20	ALD
7440-38-2	**Arsenic**	**0.005**		mg/L	0.004	0.004	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:20	ALD
7440-39-3	**Barium**	**0.171**		mg/L	0.011	0.011	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:20	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:20	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:20	ALD
7440-70-2	**Calcium**	**238**		mg/L	0.056	0.056	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:20	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:20	ALD
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:20	ALD
7440-50-8	**Copper**	**0.015**		mg/L	0.003	0.003	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:20	ALD
7439-89-6	**Iron**	**13.1**		mg/L	0.022	0.022	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:20	ALD
7439-92-1	**Lead**	**0.008**		mg/L	0.003	0.003	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:20	ALD
7439-95-4	**Magnesium**	**38.2**		mg/L	0.056	0.056	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:20	ALD
7439-96-5	**Manganese**	**6.01**		mg/L	0.006	0.006	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:20	ALD
7440-02-0	Nickel	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:20	ALD
7440-09-7	**Potassium**	**5.29**		mg/L	0.056	0.056	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:20	ALD
7782-49-2	**Selenium**	**0.020**		mg/L	0.011	0.011	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:20	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:20	ALD

Sample Information

Client Sample ID: CIM-MW-01 **York Sample ID:** 15K0438-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 12:10 pm	11/11/2015

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
7440-23-5	**Sodium**	**142**		mg/L	0.111	0.111	1	EPA 6010C	11/17/2015 11:36	11/17/2015 17:20	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C	11/17/2015 11:36	11/17/2015 17:20	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C	11/17/2015 11:36	11/17/2015 17:20	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-66-6	**Zinc**	**0.030**		mg/L	0.011	0.011	1	EPA 6010C	11/17/2015 11:36	11/17/2015 17:20	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

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	11/12/2015 06:42	11/13/2015 08:28	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CIM-MW-02 **York Sample ID:** 15K0438-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 1:30 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/19/2015 08:24	11/19/2015 13:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/19/2015 08:24	11/19/2015 13:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/19/2015 08:24	11/19/2015 13:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/19/2015 08:24	11/19/2015 13:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/19/2015 08:24	11/19/2015 13:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/19/2015 08:24	11/19/2015 13:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/19/2015 08:24	11/19/2015 13:34	SS
								Certifications:	NELAC-NY10854,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/19/2015 08:24	11/19/2015 13:34	SS
								Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: CIM-MW-02 **York Sample ID:** 15K0438-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 1:30 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by 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	11/19/2015 08:24	11/19/2015 13:34	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
67-64-1	**Acetone**	**1.4**	J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS

Sample Information

Client Sample ID: CIM-MW-02 **York Sample ID:** 15K0438-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 1:30 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.88**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	11/19/2015 08:24	11/19/2015 13:34	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	11/19/2015 08:24	11/19/2015 13:34	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	11/19/2015 08:24	11/19/2015 13:34	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.1 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*97.4 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*79-122*

Sample Information

Client Sample ID: CIM-MW-02 **York Sample ID:** 15K0438-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 1:30 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by 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:	11/16/2015 05:20 NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH

Sample Information

Client Sample ID: CIM-MW-02 **York Sample ID:** 15K0438-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 1:30 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 17:39	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 17:39	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 17:39	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	11/16/2015 05:20 NELAC-NY10854,NJDEP	11/16/2015 17:39	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 17:39	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 17:39	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 17:39	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 17:39	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 17:39	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 17:39	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 17:39	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 17:39	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH

Sample Information

Client Sample ID: CIM-MW-02 **York Sample ID:** 15K0438-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 1:30 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by 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	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 17:39	SR
86-73-7	**Fluorene**	**0.215**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20 NELAC-NY10854,NJDEP	11/16/2015 17:39	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 17:39	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 17:39	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 17:39	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 17:39	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 NELAC-NY10854	11/16/2015 18:40	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 17:39	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 17:39	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 17:39	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20 NELAC-NY10854	11/16/2015 17:39	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:40	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 17:39	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*24.0 %*	*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*14.5 %*	*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*77.4 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*54.6 %*	*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*60.7 %*	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*90.5 %*	*15-106*

Sample Information

Client Sample ID: CIM-MW-02 **York Sample ID:** 15K0438-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 1:30 pm	11/11/2015

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:43	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:43	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:43	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:43	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:43	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:43	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:43	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:43	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:43	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:43	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:43	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:43	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:43	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:43	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:43	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:43	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:43	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:43	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:43	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:43	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*42.9 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.2 %*	*30-120*

Sample Information

Client Sample ID: CIM-MW-02 **York Sample ID:** 15K0438-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 1:30 pm	11/11/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/18/2015 23:34	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/18/2015 23:34	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/18/2015 23:34	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/18/2015 23:34	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/18/2015 23:34	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/18/2015 23:34	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/18/2015 23:34	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24	11/18/2015 23:34	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.2 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.0 %*	*30-120*

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	ND		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 17:50	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 17:50	ALD
7440-38-2	**Arsenic**	**0.038**		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 17:50	ALD
7440-39-3	**Barium**	**0.287**		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 17:50	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 17:50	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 17:50	ALD
7440-70-2	**Calcium**	**146**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 17:50	ALD
7440-47-3	**Chromium**	**0.014**		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 17:50	ALD
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 17:50	ALD
7440-50-8	**Copper**	**0.017**		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 17:50	ALD

Sample Information

Client Sample ID: CIM-MW-02 **York Sample ID:** 15K0438-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 1:30 pm	11/11/2015

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**	**34.9**		mg/L	0.022	0.022	1	EPA 6010C	11/17/2015 11:36	11/17/2015 17:50	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	11/17/2015 11:36	11/17/2015 17:50	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-95-4	**Magnesium**	**33.1**		mg/L	0.056	0.056	1	EPA 6010C	11/17/2015 11:36	11/17/2015 17:50	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-96-5	**Manganese**	**2.06**		mg/L	0.006	0.006	1	EPA 6010C	11/17/2015 11:36	11/17/2015 17:50	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-02-0	Nickel	ND		mg/L	0.006	0.006	1	EPA 6010C	11/17/2015 11:36	11/17/2015 17:50	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-09-7	**Potassium**	**5.26**		mg/L	0.056	0.056	1	EPA 6010C	11/17/2015 11:36	11/17/2015 17:50	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C	11/17/2015 11:36	11/17/2015 17:50	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C	11/17/2015 11:36	11/17/2015 17:50	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-23-5	**Sodium**	**72.6**		mg/L	0.111	0.111	1	EPA 6010C	11/17/2015 11:36	11/17/2015 17:50	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C	11/17/2015 11:36	11/17/2015 17:50	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C	11/17/2015 11:36	11/17/2015 17:50	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-66-6	**Zinc**	**0.038**		mg/L	0.011	0.011	1	EPA 6010C	11/17/2015 11:36	11/17/2015 17:50	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

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	11/12/2015 06:42	11/13/2015 08:28	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CIM-MW-05 **York Sample ID:** 15K0438-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 2:48 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: CIM-MW-05 **York Sample ID:** 15K0438-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 2:48 pm	11/11/2015

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 14:05	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 14:05	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	11/19/2015 08:24	11/19/2015 14:05	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 14:05	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 14:05	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 14:05	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 14:05	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 14:05	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 14:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 14:05	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 14:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 14:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 14:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 14:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 14:05	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 14:05	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 14:05	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 14:05	SS
67-64-1	**Acetone**	**1.4**	J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 14:05	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 14:05	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 14:05	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 14:05	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 14:05	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 14:05	SS

Sample Information

Client Sample ID: CIM-MW-05 **York Sample ID:** 15K0438-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 2:48 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/19/2015 08:24	11/19/2015 14:05	SS CTDOH,NELAC-NY10854,NJDEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/19/2015 08:24	11/19/2015 14:05	SS CTDOH,NELAC-NY10854,NJDEP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/19/2015 08:24	11/19/2015 14:05	SS CTDOH,NELAC-NY10854,NJDEP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/19/2015 08:24	11/19/2015 14:05	SS CTDOH,NELAC-NY10854,NJDEP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/19/2015 08:24	11/19/2015 14:05	SS CTDOH,NELAC-NY10854,NJDEP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/19/2015 08:24	11/19/2015 14:05	SS CTDOH,NELAC-NY10854,NJDEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/19/2015 08:24	11/19/2015 14:05	SS CTDOH,NELAC-NY10854,NJDEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/19/2015 08:24	11/19/2015 14:05	SS CTDOH,NELAC-NY10854,NJDEP
110-82-7	**Cyclohexane**	**0.31**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/19/2015 08:24	11/19/2015 14:05	SS NELAC-NY10854,NJDEP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/19/2015 08:24	11/19/2015 14:05	SS CTDOH,NELAC-NY10854,NJDEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/19/2015 08:24	11/19/2015 14:05	SS NELAC-NY10854,NJDEP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/19/2015 08:24	11/19/2015 14:05	SS CTDOH,NELAC-NY10854,NJDEP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/19/2015 08:24	11/19/2015 14:05	SS CTDOH,NELAC-NY10854,NJDEP
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/19/2015 08:24	11/19/2015 14:05	SS NELAC-NY10854,NJDEP
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**5.6**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/19/2015 08:24	11/19/2015 14:05	SS CTDOH,NELAC-NY10854,NJDEP
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/19/2015 08:24	11/19/2015 14:05	SS NELAC-NY10854,NJDEP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	11/19/2015 08:24	11/19/2015 14:05	SS CTDOH,NELAC-NY10854,NJDEP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/19/2015 08:24	11/19/2015 14:05	SS NELAC-NY10854
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	11/19/2015 08:24	11/19/2015 14:05	SS NELAC-NY10854
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/19/2015 08:24	11/19/2015 14:05	SS CTDOH,NELAC-NY10854,NJDEP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/19/2015 08:24	11/19/2015 14:05	SS CTDOH,NELAC-NY10854,NJDEP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/19/2015 08:24	11/19/2015 14:05	SS CTDOH,NELAC-NY10854,NJDEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/19/2015 08:24	11/19/2015 14:05	SS CTDOH,NELAC-NY10854,NJDEP

Sample Information

Client Sample ID: CIM-MW-05 **York Sample ID:** 15K0438-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 2:48 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/19/2015 08:24 CTDOH,NELAC-NY10854,NJDEP	11/19/2015 14:05	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/19/2015 08:24 CTDOH,NELAC-NY10854,NJDEP	11/19/2015 14:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/19/2015 08:24 CTDOH,NELAC-NY10854,NJDEP	11/19/2015 14:05	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/19/2015 08:24 CTDOH,NELAC-NY10854,NJDEP	11/19/2015 14:05	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	11/19/2015 08:24 CTDOH,NJDEP	11/19/2015 14:05	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.0 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*97.3 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*79-122*

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by 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:	11/16/2015 05:20 NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 19:13	KH

Sample Information

Client Sample ID: CIM-MW-05 **York Sample ID:** 15K0438-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 2:48 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by 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	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
83-32-9	**Acenaphthene**	**0.554**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:10	SR
208-96-8	**Acenaphthylene**	**0.0513**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:10	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
120-12-7	**Anthracene**	**0.0821**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:10	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	11/16/2015 05:20 NELAC-NY10854,NJDEP	11/16/2015 18:10	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:10	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:10	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:10	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:10	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:10	SR

Sample Information

Client Sample ID: CIM-MW-05 **York Sample ID:** 15K0438-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 2:48 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20	11/16/2015 19:13	KH CTDOH,NELAC-NY10854,NJDEP
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20	11/16/2015 19:13	KH CTDOH,NELAC-NY10854,NJDEP
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20	11/16/2015 19:13	KH CTDOH,NELAC-NY10854,NJDEP
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20	11/16/2015 19:13	KH CTDOH,NELAC-NY10854,NJDEP
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	11/16/2015 05:20	11/16/2015 18:10	SR CTDOH,NELAC-NY10854,NJDEP
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20	11/16/2015 19:13	KH NELAC-NY10854,NJDEP
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20	11/16/2015 19:13	KH CTDOH,NELAC-NY10854,NJDEP
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20	11/16/2015 18:10	SR CTDOH,NELAC-NY10854,NJDEP
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20	11/16/2015 18:10	SR CTDOH,NELAC-NY10854,NJDEP
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20	11/16/2015 19:13	KH CTDOH,NELAC-NY10854,NJDEP
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20	11/16/2015 19:13	KH CTDOH,NELAC-NY10854,NJDEP
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20	11/16/2015 19:13	KH CTDOH,NELAC-NY10854,NJDEP
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20	11/16/2015 19:13	KH CTDOH,NELAC-NY10854,NJDEP
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20	11/16/2015 19:13	KH CTDOH,NELAC-NY10854,NJDEP
206-44-0	**Fluoranthene**	**0.410**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20	11/16/2015 18:10	SR CTDOH,NELAC-NY10854,NJDEP
86-73-7	**Fluorene**	**0.338**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20	11/16/2015 18:10	SR NELAC-NY10854,NJDEP
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications:	11/16/2015 05:20	11/16/2015 18:10	SR CTDOH,NELAC-NY10854,NJDEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	11/16/2015 05:20	11/16/2015 18:10	SR CTDOH,NELAC-NY10854,NJDEP
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20	11/16/2015 19:13	KH CTDOH,NELAC-NY10854,NJDEP
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	11/16/2015 05:20	11/16/2015 18:10	SR CTDOH,NELAC-NY10854,NJDEP
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20	11/16/2015 18:10	SR CTDOH,NELAC-NY10854,NJDEP
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20	11/16/2015 19:13	KH NELAC-NY10854
91-20-3	**Naphthalene**	**0.0615**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20	11/16/2015 18:10	SR CTDOH,NELAC-NY10854,NJDEP

Sample Information

Client Sample ID: CIM-MW-05 **York Sample ID:** 15K0438-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 2:48 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:10	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:10	SR
85-01-8	**Phenanthrene**	**0.338**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20 NELAC-NY10854	11/16/2015 18:10	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 19:13	KH
129-00-0	**Pyrene**	**0.441**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/16/2015 05:20 CTDOH,NELAC-NY10854,NJDEP	11/16/2015 18:10	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*26.4 %*	*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*14.0 %*	*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*76.4 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*53.3 %*	*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*63.0 %*	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*82.9 %*	*15-106*

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:58	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:58	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:58	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:58	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:58	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:58	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:58	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:58	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:58	AMC

Sample Information

Client Sample ID: CIM-MW-05 **York Sample ID:** 15K0438-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 2:48 pm	11/11/2015

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:58	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:58	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:58	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:58	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:58	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:58	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:58	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:58	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:58	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:58	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 16:58	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.7 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/18/2015 23:58	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/18/2015 23:58	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/18/2015 23:58	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/18/2015 23:58	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/18/2015 23:58	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/18/2015 23:58	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/18/2015 23:58	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24	11/18/2015 23:58	AMC

Sample Information

Client Sample ID: CIM-MW-05 **York Sample ID:** 15K0438-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 2:48 pm	11/11/2015

Polychlorinated Biphenyls (PCB)

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*49.8 %*			*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.5 %*			*30-120*						

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	ND		mg/L	0.056	0.056	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:55	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:55	ALD
7440-38-2	**Arsenic**	**0.006**		mg/L	0.004	0.004	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:55	ALD
7440-39-3	**Barium**	**0.207**		mg/L	0.011	0.011	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:55	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:55	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:55	ALD
7440-70-2	**Calcium**	**102**		mg/L	0.056	0.056	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:55	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:55	ALD
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:55	ALD
7440-50-8	**Copper**	**0.017**		mg/L	0.003	0.003	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:55	ALD
7439-89-6	**Iron**	**14.1**		mg/L	0.022	0.022	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:55	ALD
7439-92-1	**Lead**	**0.004**		mg/L	0.003	0.003	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:55	ALD
7439-95-4	**Magnesium**	**32.5**		mg/L	0.056	0.056	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:55	ALD
7439-96-5	**Manganese**	**0.571**		mg/L	0.006	0.006	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:55	ALD
7440-02-0	Nickel	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:55	ALD
7440-09-7	**Potassium**	**13.7**		mg/L	0.056	0.056	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:55	ALD
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:55	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications:	11/17/2015 11:36 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:55	ALD

Sample Information

Client Sample ID: CIM-MW-05 **York Sample ID:** 15K0438-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 2:48 pm	11/11/2015

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
7440-23-5	**Sodium**	**73.0**		mg/L	0.111	0.111	1	EPA 6010C	11/17/2015 11:36	11/17/2015 17:55	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C	11/17/2015 11:36	11/17/2015 17:55	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C	11/17/2015 11:36	11/17/2015 17:55	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-66-6	**Zinc**	**0.031**		mg/L	0.011	0.011	1	EPA 6010C	11/17/2015 11:36	11/17/2015 17:55	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

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	11/12/2015 06:42	11/13/2015 08:28	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: CIM-MW-10 **York Sample ID:** 15K0438-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:02 pm	11/11/2015

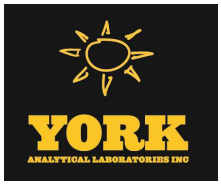
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/19/2015 08:24	11/19/2015 16:47	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/19/2015 08:24	11/19/2015 16:47	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/19/2015 08:24	11/19/2015 16:47	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/19/2015 08:24	11/19/2015 16:47	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/19/2015 08:24	11/19/2015 16:47	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/19/2015 08:24	11/19/2015 16:47	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/19/2015 08:24	11/19/2015 16:47	SS
								Certifications: NELAC-NY10854,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/19/2015 08:24	11/19/2015 16:47	SS
								Certifications: NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: **CIM-MW-10** **York Sample ID:** **15K0438-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:02 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by 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	11/19/2015 08:24	11/19/2015 16:47	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
67-64-1	**Acetone**	**2.1**		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS

Sample Information

Client Sample ID: CIM-MW-10 **York Sample ID:** 15K0438-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:02 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**2.1**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	11/19/2015 08:24	11/19/2015 16:47	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	11/19/2015 08:24	11/19/2015 16:47	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	11/19/2015 08:24	11/19/2015 16:47	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*74.9 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*110 %*	*79-122*

Sample Information

Client Sample ID: CIM-MW-10 **York Sample ID:** 15K0438-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:02 pm	11/11/2015

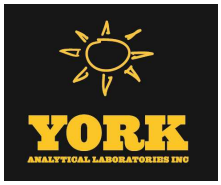
Semi-Volatiles, 8270 - TCL/SOM

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:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 17:37	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 17:37	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:37	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:37	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:37	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:37	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:37	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:37	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:37	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:37	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:37	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:37	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:37	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:37	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:37	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:37	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:37	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:37	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:37	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:37	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:37	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:37	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:37	KH



Sample Information

Client Sample ID: **CIM-MW-10** **York Sample ID:** **15K0438-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:02 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21	11/17/2015 17:37	KH CTDOH,NELAC-NY10854,NJDEP
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21	11/17/2015 17:37	KH CTDOH,NELAC-NY10854,NJDEP
83-32-9	**Acenaphthene**	**0.0821**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21	11/17/2015 12:46	SR CTDOH,NELAC-NY10854,NJDEP
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21	11/17/2015 12:46	SR CTDOH,NELAC-NY10854,NJDEP
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21	11/17/2015 17:37	KH NELAC-NY10854,NJDEP
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21	11/17/2015 12:46	SR CTDOH,NELAC-NY10854,NJDEP
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	11/17/2015 05:21	11/17/2015 17:37	KH NELAC-NY10854,NJDEP
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21	11/17/2015 17:37	KH NELAC-NY10854,NJDEP
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21	11/17/2015 12:46	SR CTDOH,NELAC-NY10854,NJDEP
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21	11/17/2015 12:46	SR CTDOH,NELAC-NY10854,NJDEP
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21	11/17/2015 12:46	SR CTDOH,NELAC-NY10854,NJDEP
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21	11/17/2015 12:46	SR CTDOH,NELAC-NY10854,NJDEP
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21	11/17/2015 12:46	SR CTDOH,NELAC-NY10854,NJDEP
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21	11/17/2015 17:37	KH CTDOH,NELAC-NY10854,NJDEP
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21	11/17/2015 17:37	KH CTDOH,NELAC-NY10854,NJDEP
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21	11/17/2015 17:37	KH CTDOH,NELAC-NY10854,NJDEP
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21	11/17/2015 17:37	KH CTDOH,NELAC-NY10854,NJDEP
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.38**		ug/L	0.513	0.513	1	EPA 8270D Certifications:	11/17/2015 05:21	11/17/2015 17:37	KH CTDOH,NELAC-NY10854,NJDEP
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21	11/17/2015 17:37	KH NELAC-NY10854,NJDEP
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21	11/17/2015 17:37	KH CTDOH,NELAC-NY10854,NJDEP
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21	11/17/2015 12:46	SR CTDOH,NELAC-NY10854,NJDEP
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21	11/17/2015 12:46	SR CTDOH,NELAC-NY10854,NJDEP
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21	11/17/2015 17:37	KH CTDOH,NELAC-NY10854,NJDEP

Sample Information

Client Sample ID: CIM-MW-10 **York Sample ID:** 15K0438-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:02 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

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
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:37	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:37	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:37	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:37	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 12:46	SR
86-73-7	**Fluorene**	**0.523**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 12:46	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 12:46	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:37	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:37	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:37	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 12:46	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	11/17/2015 05:21	11/17/2015 17:37	KH
91-20-3	**Naphthalene**	**0.144**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 12:46	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 12:46	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:37	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:37	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:37	KH
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854	11/17/2015 05:21	11/17/2015 17:37	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:37	KH
129-00-0	**Pyrene**	**0.164**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 12:46	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*26.4 %*	*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*12.7 %*	*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*84.9 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*69.0 %*	*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*68.3 %*	*15-104*

Sample Information

Client Sample ID: CIM-MW-10 **York Sample ID:** 15K0438-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:02 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

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*	*97.3 %*			*15-106*						

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 17:13	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 17:13	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 17:13	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 17:13	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 17:13	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 17:13	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 17:13	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 17:13	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 17:13	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 17:13	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 17:13	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 17:13	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 17:13	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 17:13	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 17:13	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 17:13	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 17:13	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 17:13	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 17:13	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 17:13	AMC

Sample Information

Client Sample ID: CIM-MW-10 **York Sample ID:** 15K0438-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:02 pm	11/11/2015

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*44.1 %*		*30-120*							
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.4 %*		*30-120*							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 00:22	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 00:22	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 00:22	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 00:22	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 00:22	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 00:22	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 00:22	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24	11/19/2015 00:22	AMC
	Surrogate Recoveries	**Result**		**Acceptance Range**							
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.2 %*		*30-120*							
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.5 %*		*30-120*							

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	ND		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:00	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:00	ALD
7440-38-2	**Arsenic**	**0.009**		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:00	ALD
7440-39-3	**Barium**	**0.239**		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:00	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:00	ALD

Sample Information

Client Sample ID: CIM-MW-10 **York Sample ID:** 15K0438-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:02 pm	11/11/2015

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
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:00	ALD
7440-70-2	**Calcium**	**101**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:00	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:00	ALD
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:00	ALD
7440-50-8	**Copper**	**0.014**		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:00	ALD
7439-89-6	**Iron**	**15.4**		mg/L	0.022	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:00	ALD
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:00	ALD
7439-95-4	**Magnesium**	**28.1**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:00	ALD
7439-96-5	**Manganese**	**0.953**		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:00	ALD
7440-02-0	Nickel	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:00	ALD
7440-09-7	**Potassium**	**12.0**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:00	ALD
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:00	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:00	ALD
7440-23-5	**Sodium**	**71.2**		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:00	ALD
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:00	ALD
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:00	ALD
7440-66-6	**Zinc**	**0.028**		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:00	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	11/12/2015 06:42	11/13/2015 08:28	ALD

Sample Information

Client Sample ID: CIM-FD-01 **York Sample ID:** 15K0438-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 3:00 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 11:47	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 11:47	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 11:47	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 11:47	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 11:47	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 11:47	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 NELAC-NY10854,NJDEP	11/21/2015 11:47	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 NELAC-NY10854,NJDEP	11/21/2015 11:47	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 11:47	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 11:47	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 11:47	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 11:47	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 11:47	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 11:47	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 11:47	SS
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 11:47	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 11:47	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 11:47	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 11:47	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 11:47	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 NELAC-NY10854,NJDEP	11/21/2015 11:47	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 11:47	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 11:47	SS

Sample Information

Client Sample ID: CIM-FD-01 **York Sample ID:** 15K0438-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 3:00 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.71**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	11/21/2015 09:05	11/21/2015 11:47	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	11/21/2015 09:05	11/21/2015 11:47	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS

Sample Information

Client Sample ID: CIM-FD-01 **York Sample ID:** 15K0438-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 3:00 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	11/21/2015 09:05	11/21/2015 11:47	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*84.7 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*114 %*	*79-122*

Semi-Volatiles, 8270 - TCL/SOM

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	11/17/2015 05:21	11/17/2015 18:10	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 18:10	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 18:10	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 18:10	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 18:10	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 18:10	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 18:10	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 18:10	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 18:10	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 18:10	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 18:10	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 18:10	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 18:10	KH

Sample Information

Client Sample ID: CIM-FD-01 **York Sample ID:** 15K0438-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 3:00 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

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	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:10	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:10	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:10	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:10	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:10	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:10	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:10	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:10	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:10	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:10	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:10	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:10	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 13:16	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 13:16	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 18:10	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 13:16	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 18:10	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 18:10	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 13:16	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 13:16	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 13:16	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 13:16	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 13:16	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:10	KH

Sample Information

Client Sample ID: CIM-FD-01 **York Sample ID:** 15K0438-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 3:00 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

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	11/17/2015 05:21	11/17/2015 18:10	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 18:10	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 18:10	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**2.68**		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 18:10	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 18:10	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 18:10	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 13:16	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 13:16	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 18:10	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 18:10	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 18:10	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 18:10	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 18:10	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 13:16	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 13:16	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 13:16	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 18:10	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 18:10	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 18:10	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 13:16	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	11/17/2015 05:21	11/17/2015 18:10	KH
91-20-3	**Naphthalene**	**0.0923**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 13:16	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 18:10	KH

Sample Information

Client Sample ID: CIM-FD-01 **York Sample ID:** 15K0438-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 3:00 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

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:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:10	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:10	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 13:16	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854	11/17/2015 13:16	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:10	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 13:16	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*22.9 %*	*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*15.4 %*	*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*88.5 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*69.1 %*	*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*68.6 %*	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*110 %*	*15-106*

Pesticides, EPA TCL List

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:29	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:29	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:29	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:29	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:29	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:29	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:29	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:29	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:29	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:29	AMC

Sample Information

Client Sample ID: CIM-FD-01 **York Sample ID:** 15K0438-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 3:00 pm	11/11/2015

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:29	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:29	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:29	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:29	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:29	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:29	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:29	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:29	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:29	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:29	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.6 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.2 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/19/2015 00:46	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/19/2015 00:46	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/19/2015 00:46	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/19/2015 00:46	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/19/2015 00:46	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/19/2015 00:46	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/19/2015 00:46	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24	11/19/2015 00:46	AMC

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: CIM-FD-01 **York Sample ID:** 15K0438-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 3:00 pm	11/11/2015

Polychlorinated Biphenyls (PCB)

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.7 %*			*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.9 %*			*30-120*						

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	ND		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:04	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:04	ALD
7440-38-2	**Arsenic**	**0.036**		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:04	ALD
7440-39-3	**Barium**	**0.285**		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:04	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:04	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:04	ALD
7440-70-2	**Calcium**	**144**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:04	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:04	ALD
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:04	ALD
7440-50-8	**Copper**	**0.012**		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:04	ALD
7439-89-6	**Iron**	**33.4**		mg/L	0.022	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:04	ALD
7439-92-1	**Lead**	**0.005**		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:04	ALD
7439-95-4	**Magnesium**	**32.0**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:04	ALD
7439-96-5	**Manganese**	**2.06**		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:04	ALD
7440-02-0	Nickel	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:04	ALD
7440-09-7	**Potassium**	**5.04**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:04	ALD
7782-49-2	**Selenium**	**0.013**		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:04	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:04	ALD

Sample Information

Client Sample ID: CIM-FD-01 **York Sample ID:** 15K0438-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 3:00 pm	11/11/2015

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
7440-23-5	**Sodium**	**72.1**		mg/L	0.111	0.111	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:04	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:04	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:04	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-66-6	**Zinc**	**0.032**		mg/L	0.011	0.011	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:04	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

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	11/12/2015 06:42	11/13/2015 08:28	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CIM-EB-01 **York Sample ID:** 15K0438-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:25 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/21/2015 09:05	11/21/2015 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/21/2015 09:05	11/21/2015 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/21/2015 09:05	11/21/2015 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/21/2015 09:05	11/21/2015 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/21/2015 09:05	11/21/2015 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/21/2015 09:05	11/21/2015 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/21/2015 09:05	11/21/2015 12:13	SS
								Certifications:	NELAC-NY10854,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/21/2015 09:05	11/21/2015 12:13	SS
								Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: CIM-EB-01 **York Sample ID:** 15K0438-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:25 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by 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	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:13	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:13	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:13	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:13	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:13	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:13	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:13	SS
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:13	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:13	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:13	SS
67-64-1	**Acetone**	**1.8**	SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:13	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:13	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:13	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:13	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:13	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:13	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:13	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:13	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:13	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:13	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:13	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:13	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:13	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:13	SS

Sample Information

Client Sample ID: CIM-EB-01 **York Sample ID:** 15K0438-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:25 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 NELAC-NY10854,NJDEP	11/21/2015 12:13	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 12:13	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 NELAC-NY10854,NJDEP	11/21/2015 12:13	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 12:13	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 12:13	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 NELAC-NY10854,NJDEP	11/21/2015 12:13	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 12:13	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 NELAC-NY10854,NJDEP	11/21/2015 12:13	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 12:13	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 NELAC-NY10854	11/21/2015 12:13	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	11/21/2015 09:05 NELAC-NY10854	11/21/2015 12:13	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 12:13	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 12:13	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 12:13	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 12:13	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 12:13	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 12:13	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 12:13	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 12:13	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NJDEP	11/21/2015 12:13	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*87.2 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*98.5 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*107 %*	*79-122*

Semi-Volatiles, 8270 - TCL/SOM

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

Sample Information

Client Sample ID: CIM-EB-01 **York Sample ID:** 15K0438-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:25 pm	11/11/2015

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	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH

Sample Information

Client Sample ID: CIM-EB-01 **York Sample ID:** 15K0438-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:25 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 13:46	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 13:46	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 13:46	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 13:46	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 13:46	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 13:46	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 13:46	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 13:46	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.728**		ug/L	0.513	0.513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 13:46	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 13:46	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH

Sample Information

Client Sample ID: CIM-EB-01 **York Sample ID:** 15K0438-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:25 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

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:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 13:46	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 13:46	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 13:46	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 13:46	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854	11/17/2015 18:44	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 13:46	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 13:46	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854	11/17/2015 13:46	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 18:44	KH
129-00-0	**Pyrene**	**0.164**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 13:46	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*21.4 %*	*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*11.1 %*	*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*77.1 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*61.6 %*	*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*54.6 %*	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*105 %*	*15-106*

Sample Information

Client Sample ID: CIM-EB-01 **York Sample ID:** 15K0438-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:25 pm	11/11/2015

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:42	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:42	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:42	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:42	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:42	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:42	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:42	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:42	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:42	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:42	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:42	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:42	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:42	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:42	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:42	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:42	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:42	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:42	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:42	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:42	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.3 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.4 %*	*30-120*

Sample Information

Client Sample ID: CIM-EB-01 **York Sample ID:** 15K0438-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:25 pm	11/11/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 05:35	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 05:35	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 05:35	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 05:35	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 05:35	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 05:35	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 05:35	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24	11/19/2015 05:35	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.2 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*35.7 %*	*30-120*

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	ND		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:09	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:09	ALD
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:09	ALD
7440-39-3	Barium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:09	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:09	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:09	ALD
7440-70-2	**Calcium**	**0.075**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:09	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:09	ALD
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:09	ALD
7440-50-8	**Copper**	**0.009**		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:09	ALD

Sample Information

Client Sample ID: CIM-EB-01 **York Sample ID:** 15K0438-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:25 pm	11/11/2015

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**	**0.028**		mg/L	0.022	0.022	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:09	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:09	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-95-4	Magnesium	ND		mg/L	0.056	0.056	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:09	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-96-5	Manganese	ND		mg/L	0.006	0.006	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:09	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-02-0	Nickel	ND		mg/L	0.006	0.006	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:09	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-09-7	Potassium	ND		mg/L	0.056	0.056	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:09	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:09	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:09	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-23-5	**Sodium**	**0.199**		mg/L	0.111	0.111	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:09	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:09	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:09	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-66-6	**Zinc**	**0.028**		mg/L	0.011	0.011	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:09	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

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	11/12/2015 06:42	11/13/2015 08:28	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CIM-MW-03 **York Sample ID:** 15K0438-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 2:55 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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

Sample Information

Client Sample ID: CIM-MW-03 **York Sample ID:** 15K0438-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 2:55 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS
67-64-1	**Acetone**	**1.6**	SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS

Sample Information

Client Sample ID: CIM-MW-03 **York Sample ID:** 15K0438-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 2:55 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 12:40	SS CTDOH,NELAC-NY10854,NJDEP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 12:40	SS CTDOH,NELAC-NY10854,NJDEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 12:40	SS CTDOH,NELAC-NY10854,NJDEP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 12:40	SS CTDOH,NELAC-NY10854,NJDEP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 12:40	SS CTDOH,NELAC-NY10854,NJDEP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 12:40	SS CTDOH,NELAC-NY10854,NJDEP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 12:40	SS CTDOH,NELAC-NY10854,NJDEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 12:40	SS CTDOH,NELAC-NY10854,NJDEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 12:40	SS CTDOH,NELAC-NY10854,NJDEP
110-82-7	**Cyclohexane**	**0.24**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 12:40	SS NELAC-NY10854,NJDEP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 12:40	SS CTDOH,NELAC-NY10854,NJDEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 12:40	SS NELAC-NY10854,NJDEP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 12:40	SS CTDOH,NELAC-NY10854,NJDEP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 12:40	SS CTDOH,NELAC-NY10854,NJDEP
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 12:40	SS NELAC-NY10854,NJDEP
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**11**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 12:40	SS CTDOH,NELAC-NY10854,NJDEP
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 12:40	SS NELAC-NY10854,NJDEP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 12:40	SS CTDOH,NELAC-NY10854,NJDEP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 12:40	SS NELAC-NY10854
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 12:40	SS NELAC-NY10854
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 12:40	SS CTDOH,NELAC-NY10854,NJDEP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 12:40	SS CTDOH,NELAC-NY10854,NJDEP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 12:40	SS CTDOH,NELAC-NY10854,NJDEP

Sample Information

Client Sample ID: CIM-MW-03 **York Sample ID:** 15K0438-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 2:55 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by 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	11/21/2015 09:05	11/21/2015 12:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	11/21/2015 09:05	11/21/2015 12:40	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*79.8 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*112 %*	*79-122*

Semi-Volatiles, 8270 - TCL/SOM

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	11/17/2015 05:21	11/17/2015 19:17	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 19:17	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 19:17	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 19:17	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 19:17	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 19:17	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 19:17	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 19:17	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 19:17	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 19:17	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 19:17	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 19:17	KH

Sample Information

Client Sample ID: CIM-MW-03 **York Sample ID:** 15K0438-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 2:55 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
83-32-9	**Acenaphthene**	**1.74**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 14:17	SR
208-96-8	**Acenaphthylene**	**0.0821**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 14:17	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
120-12-7	**Anthracene**	**0.308**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 14:17	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 14:17	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 14:17	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 14:17	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 14:17	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 14:17	SR

Sample Information

Client Sample ID: CIM-MW-03 **York Sample ID:** 15K0438-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 2:55 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

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	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 14:17	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 14:17	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
206-44-0	**Fluoranthene**	**0.533**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 14:17	SR
86-73-7	**Fluorene**	**1.18**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 14:17	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 14:17	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:17	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 14:17	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854	11/17/2015 19:17	KH

Sample Information

Client Sample ID: CIM-MW-03 **York Sample ID:** 15K0438-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 2:55 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

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
91-20-3	**Naphthalene**	**0.0513**		ug/L	0.0513	0.0513	1	EPA 8270D	11/17/2015 05:21	11/17/2015 14:17	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D	11/17/2015 05:21	11/17/2015 19:17	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	11/17/2015 05:21	11/17/2015 19:17	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	11/17/2015 05:21	11/17/2015 19:17	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D	11/17/2015 05:21	11/17/2015 14:17	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	**Phenanthrene**	**1.28**		ug/L	0.0513	0.0513	1	EPA 8270D	11/17/2015 05:21	11/17/2015 14:17	SR
								Certifications: NELAC-NY10854			
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/17/2015 05:21	11/17/2015 19:17	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
129-00-0	**Pyrene**	**0.431**		ug/L	0.0513	0.0513	1	EPA 8270D	11/17/2015 05:21	11/17/2015 14:17	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*29.0 %*	*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*16.5 %*	*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*92.3 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*75.7 %*	*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*75.4 %*	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*102 %*	*15-106*

Pesticides, EPA TCL List

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/16/2015 05:24	11/18/2015 17:57	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/16/2015 05:24	11/18/2015 17:57	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/16/2015 05:24	11/18/2015 17:57	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/16/2015 05:24	11/18/2015 17:57	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/16/2015 05:24	11/18/2015 17:57	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/16/2015 05:24	11/18/2015 17:57	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B	11/16/2015 05:24	11/18/2015 17:57	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/16/2015 05:24	11/18/2015 17:57	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: CIM-MW-03 **York Sample ID:** 15K0438-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 2:55 pm	11/11/2015

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:57	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:57	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:57	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:57	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:57	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:57	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:57	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:57	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:57	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:57	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:57	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 17:57	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*30.1 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.3 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/19/2015 11:12	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/19/2015 11:12	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/19/2015 11:12	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/19/2015 11:12	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/19/2015 11:12	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/19/2015 11:12	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/19/2015 11:12	AMC

Sample Information

Client Sample ID: CIM-MW-03 **York Sample ID:** 15K0438-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 2:55 pm	11/11/2015

Polychlorinated Biphenyls (PCB)

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24	11/19/2015 11:12	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.3 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*44.9 %*	*30-120*

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	ND		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:14	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:14	ALD
7440-38-2	**Arsenic**	**0.015**		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:14	ALD
7440-39-3	**Barium**	**0.618**		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:14	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:14	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:14	ALD
7440-70-2	**Calcium**	**81.4**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:14	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:14	ALD
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:14	ALD
7440-50-8	**Copper**	**0.013**		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:14	ALD
7439-89-6	**Iron**	**24.0**		mg/L	0.022	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:14	ALD
7439-92-1	**Lead**	**0.005**		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:14	ALD
7439-95-4	**Magnesium**	**58.8**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:14	ALD
7439-96-5	**Manganese**	**0.309**		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:14	ALD
7440-02-0	Nickel	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:14	ALD
7440-09-7	**Potassium**	**14.4**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:14	ALD
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:14	ALD

Sample Information

Client Sample ID: CIM-MW-03 **York Sample ID:** 15K0438-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 2:55 pm	11/11/2015

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
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:14	ALD
7440-23-5	**Sodium**	**46.6**		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:14	ALD
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:14	ALD
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:14	ALD
7440-66-6	**Zinc**	**0.041**		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:14	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	11/12/2015 06:42	11/13/2015 08:28	ALD

Sample Information

Client Sample ID: CIM-MW-07 **York Sample ID:** 15K0438-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:20 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:06	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	11/21/2015 09:05	11/21/2015 13:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:06	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:06	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:06	SS

Sample Information

Client Sample ID: CIM-MW-07 **York Sample ID:** 15K0438-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:20 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 NELAC-NY10854,NJDEP	11/21/2015 13:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:06	SS
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:06	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:06	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:06	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:06	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:06	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 NELAC-NY10854,NJDEP	11/21/2015 13:06	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:06	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:06	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:06	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:06	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:06	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:06	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:06	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:06	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:06	SS

Sample Information

Client Sample ID: CIM-MW-07 **York Sample ID:** 15K0438-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:20 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by 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	11/21/2015 09:05	11/21/2015 13:06	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:06	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:06	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:06	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:06	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:06	SS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**12**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:06	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:06	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:06	SS
95-47-6	**o-Xylene**	**0.22**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	11/21/2015 09:05	11/21/2015 13:06	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	11/21/2015 09:05	11/21/2015 13:06	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:06	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:06	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:06	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:06	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:06	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:06	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	11/21/2015 09:05	11/21/2015 13:06	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*79.2 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*117 %*	*79-122*

Sample Information

Client Sample ID: CIM-MW-07 **York Sample ID:** 15K0438-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:20 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by 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:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH

Sample Information

Client Sample ID: CIM-MW-07 **York Sample ID:** 15K0438-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:20 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
83-32-9	**Acenaphthene**	**0.831**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 15:31	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 15:31	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
120-12-7	**Anthracene**	**0.246**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 15:31	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 15:31	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 15:31	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 15:31	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 15:31	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 15:31	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 15:31	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 15:31	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 19:50	KH

Sample Information

Client Sample ID: CIM-MW-07 **York Sample ID:** 15K0438-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:20 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 19:50	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 19:50	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 19:50	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 19:50	KH
206-44-0	**Fluoranthene**	**0.441**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 15:31	SR
86-73-7	**Fluorene**	**0.533**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 15:31	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 15:31	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 19:50	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 19:50	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 19:50	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 15:31	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	11/17/2015 05:21	11/17/2015 19:50	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 19:50	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 15:31	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 19:50	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 19:50	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 15:31	SR
85-01-8	**Phenanthrene**	**1.17**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854	11/17/2015 05:21	11/17/2015 15:31	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 19:50	KH
129-00-0	**Pyrene**	**0.462**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 15:31	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*23.7 %*	*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*14.8 %*	*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*85.3 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*68.0 %*	*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*67.3 %*	*15-104*

Sample Information

Client Sample ID: CIM-MW-07 **York Sample ID:** 15K0438-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:20 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by 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*	*89.8 %*			*15-106*						

Pesticides, EPA TCL List

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:12	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:12	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:12	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:12	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:12	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:12	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:12	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:12	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:12	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:12	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:12	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:12	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:12	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:12	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:12	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:12	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:12	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:12	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:12	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:12	AMC

Sample Information

Client Sample ID: CIM-MW-07 **York Sample ID:** 15K0438-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:20 pm	11/11/2015

Pesticides, EPA TCL List

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.4 %*		*30-120*							
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.3 %*		*30-120*							

Polychlorinated Biphenyls (PCB)

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 11:36	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 11:36	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 11:36	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 11:36	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 11:36	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 11:36	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 11:36	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24	11/19/2015 11:36	AMC
	Surrogate Recoveries	**Result**		**Acceptance Range**							
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.7 %*		*30-120*							
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.5 %*		*30-120*							

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**	**0.140**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:19	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:19	ALD
7440-38-2	**Arsenic**	**0.005**		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:19	ALD
7440-39-3	**Barium**	**0.698**		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:19	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:19	ALD

Sample Information

Client Sample ID: CIM-MW-07 **York Sample ID:** 15K0438-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 4:20 pm	11/11/2015

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
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:19	ALD
7440-70-2	**Calcium**	**95.5**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:19	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:19	ALD
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:19	ALD
7440-50-8	**Copper**	**0.013**		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:19	ALD
7439-89-6	**Iron**	**14.1**		mg/L	0.022	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:19	ALD
7439-92-1	**Lead**	**0.015**		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:19	ALD
7439-95-4	**Magnesium**	**27.7**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:19	ALD
7439-96-5	**Manganese**	**0.480**		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:19	ALD
7440-02-0	Nickel	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:19	ALD
7440-09-7	**Potassium**	**9.28**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:19	ALD
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:19	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:19	ALD
7440-23-5	**Sodium**	**53.7**		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:19	ALD
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:19	ALD
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:19	ALD
7440-66-6	**Zinc**	**0.037**		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:19	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	11/12/2015 06:42	11/13/2015 08:28	ALD

Sample Information

Client Sample ID: CIM-MW-09 **York Sample ID:** 15K0438-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 1:21 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:33	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:33	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:33	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:33	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:33	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:33	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:33	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:33	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:33	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:33	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:33	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:33	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:33	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:33	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:33	SS
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:33	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:33	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:33	SS
67-64-1	**Acetone**	**1.2**	SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:33	SS
71-43-2	**Benzene**	**1.2**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:33	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:33	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:33	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:33	SS

Sample Information

Client Sample ID: CIM-MW-09 **York Sample ID:** 15K0438-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 1:21 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 13:33	SS CTDOH,NELAC-NY10854,NJDEP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 13:33	SS CTDOH,NELAC-NY10854,NJDEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 13:33	SS CTDOH,NELAC-NY10854,NJDEP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 13:33	SS CTDOH,NELAC-NY10854,NJDEP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 13:33	SS CTDOH,NELAC-NY10854,NJDEP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 13:33	SS CTDOH,NELAC-NY10854,NJDEP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 13:33	SS CTDOH,NELAC-NY10854,NJDEP
156-59-2	**cis-1,2-Dichloroethylene**	**0.37**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 13:33	SS CTDOH,NELAC-NY10854,NJDEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 13:33	SS CTDOH,NELAC-NY10854,NJDEP
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 13:33	SS NELAC-NY10854,NJDEP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 13:33	SS CTDOH,NELAC-NY10854,NJDEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 13:33	SS NELAC-NY10854,NJDEP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 13:33	SS CTDOH,NELAC-NY10854,NJDEP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 13:33	SS CTDOH,NELAC-NY10854,NJDEP
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 13:33	SS NELAC-NY10854,NJDEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 13:33	SS CTDOH,NELAC-NY10854,NJDEP
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 13:33	SS NELAC-NY10854,NJDEP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 13:33	SS CTDOH,NELAC-NY10854,NJDEP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 13:33	SS NELAC-NY10854
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 13:33	SS NELAC-NY10854
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 13:33	SS CTDOH,NELAC-NY10854,NJDEP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 13:33	SS CTDOH,NELAC-NY10854,NJDEP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 13:33	SS CTDOH,NELAC-NY10854,NJDEP

Sample Information

Client Sample ID: CIM-MW-09 **York Sample ID:** 15K0438-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 1:21 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

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

Sample Prepared by 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**	**0.52**		ug/L	0.20	0.50	1	EPA 8260C	11/21/2015 09:05	11/21/2015 13:33	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/21/2015 09:05	11/21/2015 13:33	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/21/2015 09:05	11/21/2015 13:33	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/21/2015 09:05	11/21/2015 13:33	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/21/2015 09:05	11/21/2015 13:33	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/21/2015 09:05	11/21/2015 13:33	SS
								Certifications: CTDOH,NJDEP			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*82.9 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*116 %*	*79-122*

Semi-Volatiles, 8270 - TCL/SOM

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	11/17/2015 05:21	11/17/2015 20:23	KH
								Certifications: NELAC-NY10854,NJDEP			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/17/2015 05:21	11/17/2015 20:23	KH
								Certifications: NELAC-NY10854,NJDEP			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/17/2015 05:21	11/17/2015 20:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/17/2015 05:21	11/17/2015 20:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/17/2015 05:21	11/17/2015 20:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/17/2015 05:21	11/17/2015 20:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/17/2015 05:21	11/17/2015 20:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/17/2015 05:21	11/17/2015 20:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/17/2015 05:21	11/17/2015 20:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/17/2015 05:21	11/17/2015 20:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/17/2015 05:21	11/17/2015 20:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/17/2015 05:21	11/17/2015 20:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: CIM-MW-09 **York Sample ID:** 15K0438-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 1:21 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:23	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:23	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:23	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:23	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:23	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:23	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:23	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:23	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:23	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:23	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:23	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:23	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:23	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 16:01	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 16:01	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 20:23	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 16:01	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 20:23	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 20:23	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 16:01	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 16:01	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 16:01	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 16:01	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 16:01	SR

Sample Information

Client Sample ID: CIM-MW-09 **York Sample ID:** 15K0438-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 1:21 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

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
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:23	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:23	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:23	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:23	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.677**		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 16:01	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:23	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:23	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 16:01	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 16:01	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:23	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:23	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:23	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:23	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:23	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 16:01	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 16:01	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 16:01	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:23	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:23	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:23	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 16:01	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	11/17/2015 05:21	11/17/2015 20:23	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 16:01	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 16:01	SR

Sample Information

Client Sample ID: CIM-MW-09 **York Sample ID:** 15K0438-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 1:21 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

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:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:23	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:23	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 16:01	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854	11/17/2015 16:01	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:23	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 16:01	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*19.7 %*	*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*10.5 %*	*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*63.7 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*49.4 %*	*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*48.7 %*	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*96.2 %*	*15-106*

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:27	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:27	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:27	AMC
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:27	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:27	AMC
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:27	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0400	0.0400	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:27	AMC
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:27	AMC
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:27	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:27	AMC

Sample Information

Client Sample ID: CIM-MW-09 **York Sample ID:** 15K0438-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 1:21 pm	11/11/2015

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:27	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:27	AMC
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:27	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:27	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:27	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:27	AMC
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:27	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:27	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:27	AMC
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:27	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*97.7 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 12:00	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 12:00	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 12:00	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 12:00	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 12:00	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 12:00	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 12:00	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications:	11/16/2015 05:24	11/19/2015 12:00	AMC

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: CIM-MW-09 **York Sample ID:** 15K0438-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 1:21 pm	11/11/2015

Polychlorinated Biphenyls (PCB)

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.7 %*			*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.0 %*			*30-120*						

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	ND		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:24	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:24	ALD
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:24	ALD
7440-39-3	**Barium**	**0.085**		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:24	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:24	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:24	ALD
7440-70-2	**Calcium**	**143**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:24	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:24	ALD
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:24	ALD
7440-50-8	**Copper**	**0.012**		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:24	ALD
7439-89-6	**Iron**	**1.33**		mg/L	0.022	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:24	ALD
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:24	ALD
7439-95-4	**Magnesium**	**23.3**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:24	ALD
7439-96-5	**Manganese**	**0.673**		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:24	ALD
7440-02-0	Nickel	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:24	ALD
7440-09-7	**Potassium**	**3.77**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:24	ALD
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:24	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:24	ALD
7440-23-5	**Sodium**	**104**		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:24	ALD

Sample Information

Client Sample ID: CIM-MW-09 **York Sample ID:** 15K0438-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 10, 2015 1:21 pm	11/11/2015

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	11/17/2015 11:36	11/17/2015 18:24	ALD
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:24	ALD
7440-66-6	**Zinc**	**0.037**		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:24	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	11/12/2015 06:42	11/13/2015 08:28	ALD

Sample Information

Client Sample ID: CIM-MW-06 **York Sample ID:** 15K0438-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 10:35 am	11/11/2015

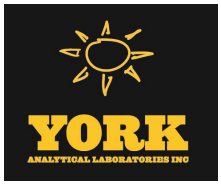
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:59	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:59	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:59	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:59	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:59	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:59	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:59	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:59	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:59	SS



Sample Information

Client Sample ID: CIM-MW-06 **York Sample ID:** 15K0438-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 10:35 am	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:59	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:59	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:59	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:59	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:59	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:59	SS
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:59	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:59	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:59	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:59	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:59	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 NELAC-NY10854,NJDEP	11/21/2015 13:59	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:59	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:59	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:59	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:59	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:59	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:59	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:59	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:59	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:59	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:59	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 13:59	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 NELAC-NY10854,NJDEP	11/21/2015 13:59	SS

Sample Information

Client Sample ID: CIM-MW-06 **York Sample ID:** 15K0438-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 10:35 am	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:59	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:59	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:59	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:59	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:59	SS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.41**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:59	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:59	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:59	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	11/21/2015 09:05	11/21/2015 13:59	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	11/21/2015 09:05	11/21/2015 13:59	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:59	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:59	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:59	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:59	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:59	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:59	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:59	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 13:59	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	11/21/2015 09:05	11/21/2015 13:59	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*74.3 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*120 %*	*79-122*

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: CIM-MW-06 **York Sample ID:** 15K0438-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 10:35 am	11/11/2015

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	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:56	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:56	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:56	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:56	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:56	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:56	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:56	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:56	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:56	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:56	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:56	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:56	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:56	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:56	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:56	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:56	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:56	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:56	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:56	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:56	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:56	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:56	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:56	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 20:56	KH

Sample Information

Client Sample ID: CIM-MW-06 **York Sample ID:** 15K0438-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 10:35 am	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:56	KH
83-32-9	**Acenaphthene**	**0.164**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 16:31	SR
208-96-8	**Acenaphthylene**	**0.0615**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 16:31	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 20:56	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 16:31	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 16:31	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 20:56	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 16:31	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 16:31	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 16:31	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 16:31	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 16:31	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:56	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:56	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:56	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:56	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 16:31	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 20:56	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:56	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 16:31	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 16:31	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:56	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:56	KH

Sample Information

Client Sample ID: CIM-MW-06 **York Sample ID:** 15K0438-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 10:35 am	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

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	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:56	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:56	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:56	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 16:31	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 16:31	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 16:31	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:56	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:56	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:56	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 16:31	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854	11/17/2015 20:56	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 16:31	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 16:31	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:56	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:56	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:56	KH
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854	11/17/2015 20:56	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:56	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 20:56	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*15.4 %*	*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*8.79 %*	*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*61.0 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*44.2 %*	*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*41.4 %*	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*61.4 %*	*15-106*

Sample Information

Client Sample ID: CIM-MW-06 **York Sample ID:** 15K0438-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 10:35 am	11/11/2015

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:42	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:42	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:42	AMC
309-00-2	Aldrin	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:42	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:42	AMC
319-85-7	beta-BHC	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:42	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0432	0.0432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:42	AMC
319-86-8	delta-BHC	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:42	AMC
60-57-1	Dieldrin	ND		ug/L	0.00216	0.00216	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:42	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:42	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:42	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:42	AMC
72-20-8	Endrin	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:42	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:42	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0108	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:42	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:42	AMC
76-44-8	Heptachlor	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:42	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:42	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:42	AMC
8001-35-2	Toxaphene	ND		ug/L	0.108	0.108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 18:42	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*48.9 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.6 %*	*30-120*

Sample Information

Client Sample ID: CIM-MW-06 **York Sample ID:** 15K0438-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 10:35 am	11/11/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 12:25	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 12:25	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 12:25	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 12:25	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 12:25	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 12:25	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 12:25	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications:	11/16/2015 05:24	11/19/2015 12:25	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.7 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.1 %*	*30-120*

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	ND		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:29	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:29	ALD
7440-38-2	**Arsenic**	**0.005**		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:29	ALD
7440-39-3	**Barium**	**0.585**		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:29	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:29	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:29	ALD
7440-70-2	**Calcium**	**96.9**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:29	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:29	ALD
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:29	ALD
7440-50-8	**Copper**	**0.012**		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:29	ALD

Sample Information

Client Sample ID: **CIM-MW-06** **York Sample ID:** **15K0438-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 10:35 am	11/11/2015

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**	**4.45**		mg/L	0.022	0.022	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:29	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-92-1	**Lead**	**0.017**		mg/L	0.003	0.003	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:29	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-95-4	**Magnesium**	**34.9**		mg/L	0.056	0.056	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:29	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-96-5	**Manganese**	**1.12**		mg/L	0.006	0.006	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:29	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-02-0	Nickel	ND		mg/L	0.006	0.006	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:29	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-09-7	**Potassium**	**5.72**		mg/L	0.056	0.056	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:29	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:29	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:29	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-23-5	**Sodium**	**49.5**		mg/L	0.111	0.111	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:29	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:29	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:29	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-66-6	**Zinc**	**0.032**		mg/L	0.011	0.011	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:29	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

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	11/12/2015 06:42	11/13/2015 08:28	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **CIM-MW-08** **York Sample ID:** **15K0438-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 11:35 am	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: CIM-MW-08 **York Sample ID:** 15K0438-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 11:35 am	11/11/2015

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 14:25	SS CTDOH,NELAC-NY10854,NJDEP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 14:25	SS CTDOH,NELAC-NY10854,NJDEP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 14:25	SS CTDOH,NELAC-NY10854,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 14:25	SS CTDOH,NELAC-NY10854,NJDEP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 14:25	SS CTDOH,NELAC-NY10854,NJDEP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 14:25	SS CTDOH,NELAC-NY10854,NJDEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 14:25	SS NELAC-NY10854,NJDEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 14:25	SS NELAC-NY10854,NJDEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 14:25	SS CTDOH,NELAC-NY10854,NJDEP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 14:25	SS CTDOH,NELAC-NY10854,NJDEP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 14:25	SS CTDOH,NELAC-NY10854,NJDEP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 14:25	SS CTDOH,NELAC-NY10854,NJDEP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 14:25	SS CTDOH,NELAC-NY10854,NJDEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 14:25	SS CTDOH,NELAC-NY10854,NJDEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 14:25	SS CTDOH,NELAC-NY10854,NJDEP
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 14:25	SS CTDOH,NELAC-NY10854,NJDEP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 14:25	SS CTDOH,NELAC-NY10854,NJDEP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 14:25	SS CTDOH,NELAC-NY10854,NJDEP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 14:25	SS CTDOH,NELAC-NY10854,NJDEP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 14:25	SS CTDOH,NELAC-NY10854,NJDEP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 14:25	SS NELAC-NY10854,NJDEP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 14:25	SS CTDOH,NELAC-NY10854,NJDEP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 14:25	SS CTDOH,NELAC-NY10854,NJDEP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05	11/21/2015 14:25	SS CTDOH,NELAC-NY10854,NJDEP

Sample Information

Client Sample ID: CIM-MW-08 **York Sample ID:** 15K0438-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 11:35 am	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 14:25	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 14:25	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 14:25	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 14:25	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 14:25	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 14:25	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 14:25	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 14:25	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 NELAC-NY10854,NJDEP	11/21/2015 14:25	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 14:25	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 NELAC-NY10854,NJDEP	11/21/2015 14:25	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 14:25	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 14:25	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 NELAC-NY10854,NJDEP	11/21/2015 14:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 14:25	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 NELAC-NY10854,NJDEP	11/21/2015 14:25	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 14:25	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 NELAC-NY10854	11/21/2015 14:25	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	11/21/2015 09:05 NELAC-NY10854	11/21/2015 14:25	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 14:25	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 14:25	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 14:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 14:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/21/2015 09:05 CTDOH,NELAC-NY10854,NJDEP	11/21/2015 14:25	SS

Sample Information

Client Sample ID: CIM-MW-08 **York Sample ID:** 15K0438-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 11:35 am	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:25	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:25	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:25	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	11/21/2015 09:05	11/21/2015 14:25	SS

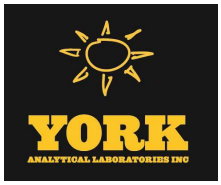
	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*81.3 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*114 %*	*79-122*

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by 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	11/17/2015 05:21	11/17/2015 21:29	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH



Sample Information

Client Sample ID: CIM-MW-08 **York Sample ID:** 15K0438-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 11:35 am	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 21:29	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 21:29	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 21:29	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 21:29	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 21:29	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 21:29	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 21:29	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 21:29	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 21:29	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 21:29	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 21:29	KH
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:01	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:01	SR
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 21:29	KH
120-12-7	**Anthracene**	**0.0526**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:01	SR
1912-24-9	Atrazine	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 17:01	SR
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 21:29	KH
56-55-3	**Benzo(a)anthracene**	**0.0632**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:01	SR
50-32-8	**Benzo(a)pyrene**	**0.0632**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:01	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:01	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:01	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:01	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 21:29	KH

Sample Information

Client Sample ID: CIM-MW-08 **York Sample ID:** 15K0438-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 11:35 am	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by 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	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**24.5**		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
218-01-9	**Chrysene**	**0.0632**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:01	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:01	SR
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
206-44-0	**Fluoranthene**	**0.168**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:01	SR
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:01	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:01	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:01	SR
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854	11/17/2015 05:21	11/17/2015 21:29	KH
91-20-3	Naphthalene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 21:29	KH

Sample Information

Client Sample ID: CIM-MW-08 **York Sample ID:** 15K0438-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 11:35 am	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by 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	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 21:29	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 21:29	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 17:01	SR
85-01-8	**Phenanthrene**	**0.105**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854	11/17/2015 17:01	SR
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 21:29	KH
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 21:29	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*20.8 %*	*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*10.8 %*	*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*65.4 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*48.1 %*	*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*48.6 %*	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*75.6 %*	*15-106*

Pesticides, EPA TCL List

Log-in Notes: **Sample Notes:** EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:57	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:57	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:57	AMC
309-00-2	Aldrin	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:57	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:57	AMC
319-85-7	beta-BHC	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:57	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0432	0.0432	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:57	AMC
319-86-8	delta-BHC	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:57	AMC
60-57-1	Dieldrin	ND		ug/L	0.00216	0.00216	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:57	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:57	AMC

Sample Information

Client Sample ID: CIM-MW-08 **York Sample ID:** 15K0438-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 11:35 am	11/11/2015

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:57	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:57	AMC
72-20-8	Endrin	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:57	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	0.0108	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:57	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0108	0.0108	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:57	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:57	AMC
76-44-8	Heptachlor	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:57	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:57	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:57	AMC
8001-35-2	Toxaphene	ND		ug/L	0.108	0.108	1	EPA 8081B Certifications:	11/16/2015 05:24 CTDOH,NELAC-NY10854,NJDEP	11/18/2015 18:57	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.8 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.0 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/19/2015 12:49	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/19/2015 12:49	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/19/2015 12:49	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/19/2015 12:49	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/19/2015 12:49	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/19/2015 12:49	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications:	11/16/2015 05:24 NELAC-NY10854,CTDOH,NJDEP	11/19/2015 12:49	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications:	11/16/2015 05:24	11/19/2015 12:49	AMC

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: CIM-MW-08 **York Sample ID:** 15K0438-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 11:35 am	11/11/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:** EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.7 %*			*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.8 %*			*30-120*						

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**	**0.741**		mg/L	0.056	0.056	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:34	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:34	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-38-2	**Arsenic**	**0.010**		mg/L	0.004	0.004	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:34	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-39-3	**Barium**	**0.136**		mg/L	0.011	0.011	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:34	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:34	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:34	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-70-2	**Calcium**	**116**		mg/L	0.056	0.056	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:34	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-47-3	**Chromium**	**0.007**		mg/L	0.006	0.006	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:34	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:34	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-50-8	**Copper**	**0.017**		mg/L	0.003	0.003	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:34	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-89-6	**Iron**	**4.47**		mg/L	0.022	0.022	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:34	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-92-1	**Lead**	**0.045**		mg/L	0.003	0.003	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:34	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-95-4	**Magnesium**	**24.4**		mg/L	0.056	0.056	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:34	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-96-5	**Manganese**	**0.702**		mg/L	0.006	0.006	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:34	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-02-0	Nickel	ND		mg/L	0.006	0.006	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:34	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-09-7	**Potassium**	**6.32**		mg/L	0.056	0.056	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:34	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:34	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:34	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: CIM-MW-08 **York Sample ID:** 15K0438-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 11:35 am	11/11/2015

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
7440-23-5	**Sodium**	**6.19**		mg/L	0.111	0.111	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:34	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:34	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:34	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-66-6	**Zinc**	**0.057**		mg/L	0.011	0.011	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:34	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

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	11/12/2015 06:42	11/13/2015 08:28	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CIM-MW-04 **York Sample ID:** 15K0438-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 12:55 pm	11/11/2015

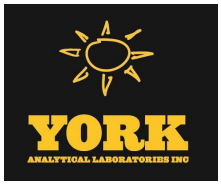
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/21/2015 09:05	11/21/2015 14:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/21/2015 09:05	11/21/2015 14:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/21/2015 09:05	11/21/2015 14:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/21/2015 09:05	11/21/2015 14:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/21/2015 09:05	11/21/2015 14:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/21/2015 09:05	11/21/2015 14:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/21/2015 09:05	11/21/2015 14:52	SS
								Certifications:	NELAC-NY10854,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/21/2015 09:05	11/21/2015 14:52	SS
								Certifications:	NELAC-NY10854,NJDEP		



Sample Information

Client Sample ID: **CIM-MW-04** **York Sample ID:** **15K0438-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 12:55 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by 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	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
67-64-1	**Acetone**	**1.3**	SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS

Sample Information

Client Sample ID: CIM-MW-04 **York Sample ID:** 15K0438-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 12:55 pm	11/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**2.0**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	11/21/2015 09:05	11/21/2015 14:52	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	11/21/2015 09:05	11/21/2015 14:52	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	11/21/2015 09:05	11/21/2015 14:52	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*83.5 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*112 %*	*79-122*

Sample Information

Client Sample ID: CIM-MW-04 **York Sample ID:** 15K0438-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 12:55 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by 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:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 22:02	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 NELAC-NY10854,NJDEP	11/17/2015 22:02	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 22:02	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 22:02	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 22:02	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 22:02	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 22:02	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 22:02	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 22:02	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 22:02	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 22:02	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 22:02	KH
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 22:02	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 22:02	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 22:02	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 22:02	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 22:02	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 22:02	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 22:02	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 22:02	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 22:02	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 22:02	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	11/17/2015 05:21 CTDOH,NELAC-NY10854,NJDEP	11/17/2015 22:02	KH

Sample Information

Client Sample ID: CIM-MW-04 **York Sample ID:** 15K0438-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 12:55 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
1912-24-9	Atrazine	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:31	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:31	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:31	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:31	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:31	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:31	SR
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH

Sample Information

Client Sample ID: CIM-MW-04 **York Sample ID:** 15K0438-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 12:55 pm	11/11/2015

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by 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	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
206-44-0	**Fluoranthene**	**0.0526**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:31	SR
86-73-7	**Fluorene**	**0.316**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:31	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:31	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:31	SR
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854	11/17/2015 05:21	11/17/2015 22:02	KH
91-20-3	Naphthalene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:31	SR
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:31	SR
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: NELAC-NY10854	11/17/2015 05:21	11/17/2015 17:31	SR
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 22:02	KH
129-00-0	**Pyrene**	**0.0632**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 05:21	11/17/2015 17:31	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*17.1 %*	*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*10.1 %*	*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*60.5 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*46.5 %*	*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*45.8 %*	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*90.6 %*	*15-106*

Sample Information

Client Sample ID: CIM-MW-04 **York Sample ID:** 15K0438-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 12:55 pm	11/11/2015

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 19:12	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 19:12	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 19:12	AMC
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 19:12	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 19:12	AMC
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 19:12	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 19:12	AMC
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 19:12	AMC
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 19:12	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 19:12	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 19:12	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 19:12	AMC
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 19:12	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 19:12	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 19:12	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 19:12	AMC
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 19:12	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 19:12	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 19:12	AMC
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 05:24	11/18/2015 19:12	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.1 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.8 %*	*30-120*

Sample Information

Client Sample ID: CIM-MW-04 **York Sample ID:** 15K0438-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 12:55 pm	11/11/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 13:13	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 13:13	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 13:13	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 13:13	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 13:13	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 13:13	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/16/2015 05:24	11/19/2015 13:13	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	11/16/2015 05:24	11/19/2015 13:13	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.2 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.0 %*	*30-120*

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**	**2.10**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:51	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:51	ALD
7440-38-2	**Arsenic**	**0.016**		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:51	ALD
7440-39-3	**Barium**	**0.244**		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:51	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:51	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:51	ALD
7440-70-2	**Calcium**	**61.8**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:51	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:51	ALD
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:51	ALD
7440-50-8	**Copper**	**0.027**		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/17/2015 11:36	11/17/2015 18:51	ALD

Sample Information

Client Sample ID: CIM-MW-04 **York Sample ID:** 15K0438-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15K0438	41548 - Washington Street	Water	November 11, 2015 12:55 pm	11/11/2015

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**	**12.2**		mg/L	0.022	0.022	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:51	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-92-1	**Lead**	**0.047**		mg/L	0.003	0.003	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:51	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-95-4	**Magnesium**	**43.7**		mg/L	0.056	0.056	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:51	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-96-5	**Manganese**	**0.279**		mg/L	0.006	0.006	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:51	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-02-0	Nickel	ND		mg/L	0.006	0.006	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:51	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-09-7	**Potassium**	**17.1**		mg/L	0.056	0.056	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:51	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:51	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:51	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-23-5	**Sodium**	**53.6**		mg/L	0.111	0.111	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:51	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:51	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:51	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-66-6	**Zinc**	**0.043**		mg/L	0.011	0.011	1	EPA 6010C	11/17/2015 11:36	11/17/2015 18:51	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

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	11/12/2015 06:42	11/13/2015 08:28	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: BK50618 **Preparation Method:** EPA 7473 water **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15K0438-01	CIM-MW-01	11/12/15
15K0438-02	CIM-MW-02	11/12/15
15K0438-03	CIM-MW-05	11/12/15
15K0438-04	CIM-MW-10	11/12/15
15K0438-05	CIM-FD-01	11/12/15
15K0438-06	CIM-EB-01	11/12/15
15K0438-07	CIM-MW-03	11/12/15
15K0438-08	CIM-MW-07	11/12/15
15K0438-09	CIM-MW-09	11/12/15
15K0438-10	CIM-MW-06	11/12/15
15K0438-11	CIM-MW-08	11/12/15
15K0438-12	CIM-MW-04	11/12/15
BK50618-BLK1	Blank	11/12/15
BK50618-DUP1	Duplicate	11/12/15
BK50618-DUP2	Duplicate	11/12/15
BK50618-MS1	Matrix Spike	11/12/15
BK50618-MS2	Matrix Spike	11/12/15
BK50618-SRM1	Reference	11/12/15

Batch ID: BK50762 **Preparation Method:** EPA 3510C **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
15K0438-01	CIM-MW-01	11/16/15
15K0438-02	CIM-MW-02	11/16/15
15K0438-03	CIM-MW-05	11/16/15
BK50762-BLK1	Blank	11/16/15
BK50762-BS1	LCS	11/16/15
BK50762-BS2	LCS	11/16/15
BK50762-BSD1	LCS Dup	11/16/15

Batch ID: BK50763 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
15K0438-01	CIM-MW-01	11/16/15
15K0438-01	CIM-MW-01	11/16/15
15K0438-02	CIM-MW-02	11/16/15
15K0438-02	CIM-MW-02	11/16/15
15K0438-03	CIM-MW-05	11/16/15
15K0438-03	CIM-MW-05	11/16/15
15K0438-04	CIM-MW-10	11/16/15
15K0438-04	CIM-MW-10	11/16/15
15K0438-05	CIM-FD-01	11/16/15
15K0438-05	CIM-FD-01	11/16/15
15K0438-06	CIM-EB-01	11/16/15
15K0438-06	CIM-EB-01	11/16/15

15K0438-07	CIM-MW-03	11/16/15
15K0438-07	CIM-MW-03	11/16/15
15K0438-08	CIM-MW-07	11/16/15
15K0438-08	CIM-MW-07	11/16/15
15K0438-09	CIM-MW-09	11/16/15
15K0438-09	CIM-MW-09	11/16/15
15K0438-10	CIM-MW-06	11/16/15
15K0438-10	CIM-MW-06	11/16/15
15K0438-11	CIM-MW-08	11/16/15
15K0438-11	CIM-MW-08	11/16/15
15K0438-12	CIM-MW-04	11/16/15
15K0438-12	CIM-MW-04	11/16/15
BK50763-BLK1	Blank	11/16/15
BK50763-BLK1	Blank	11/16/15
BK50763-BS1	LCS	11/16/15
BK50763-BS2	LCS	11/16/15
BK50763-BSD1	LCS Dup	11/16/15
BK50763-BSD2	LCS Dup	11/16/15

Batch ID: BK50836 **Preparation Method:** EPA 3510C **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
15K0438-04	CIM-MW-10	11/17/15
15K0438-05	CIM-FD-01	11/17/15
15K0438-06	CIM-EB-01	11/17/15
15K0438-07	CIM-MW-03	11/17/15
15K0438-08	CIM-MW-07	11/17/15
15K0438-09	CIM-MW-09	11/17/15
15K0438-10	CIM-MW-06	11/17/15
15K0438-11	CIM-MW-08	11/17/15
15K0438-12	CIM-MW-04	11/17/15
BK50836-BLK1	Blank	11/17/15
BK50836-BS1	LCS	11/17/15
BK50836-BS2	LCS	11/17/15
BK50836-MS1	Matrix Spike	11/17/15
BK50836-MSD1	Matrix Spike Dup	11/17/15

Batch ID: BK50866 **Preparation Method:** EPA 3015A **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15K0438-01	CIM-MW-01	11/17/15
15K0438-02	CIM-MW-02	11/17/15
15K0438-03	CIM-MW-05	11/17/15
15K0438-04	CIM-MW-10	11/17/15
15K0438-05	CIM-FD-01	11/17/15
15K0438-06	CIM-EB-01	11/17/15
15K0438-07	CIM-MW-03	11/17/15
15K0438-08	CIM-MW-07	11/17/15
15K0438-09	CIM-MW-09	11/17/15
15K0438-10	CIM-MW-06	11/17/15
15K0438-11	CIM-MW-08	11/17/15
15K0438-12	CIM-MW-04	11/17/15

BK50866-BLK1	Blank	11/17/15
BK50866-DUP1	Duplicate	11/17/15
BK50866-MS1	Matrix Spike	11/17/15
BK50866-SRM1	Reference	11/17/15

Batch ID: BK51013 **Preparation Method:** EPA 5030B **Prepared By:** BK

YORK Sample ID	Client Sample ID	Preparation Date
15K0438-02	CIM-MW-02	11/19/15
15K0438-03	CIM-MW-05	11/19/15
15K0438-04	CIM-MW-10	11/19/15
BK51013-BLK1	Blank	11/19/15
BK51013-BS1	LCS	11/19/15
BK51013-BSD1	LCS Dup	11/19/15
BK51013-MS1	Matrix Spike	11/19/15
BK51013-MSD1	Matrix Spike Dup	11/19/15

Batch ID: BK51125 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15K0438-01	CIM-MW-01	11/20/15
BK51125-BLK1	Blank	11/20/15
BK51125-BS1	LCS	11/20/15
BK51125-BSD1	LCS Dup	11/20/15

Batch ID: BK51139 **Preparation Method:** EPA 5030B **Prepared By:** BGS

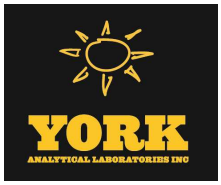
YORK Sample ID	Client Sample ID	Preparation Date
15K0438-05	CIM-FD-01	11/21/15
15K0438-06	CIM-EB-01	11/21/15
15K0438-07	CIM-MW-03	11/21/15
15K0438-08	CIM-MW-07	11/21/15
15K0438-09	CIM-MW-09	11/21/15
15K0438-10	CIM-MW-06	11/21/15
15K0438-11	CIM-MW-08	11/21/15
15K0438-12	CIM-MW-04	11/21/15
BK51139-BLK1	Blank	11/21/15
BK51139-BS1	LCS	11/21/15
BK51139-BSD1	LCS Dup	11/21/15

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51013 - EPA 5030B											
Blank (BK51013-BLK1)											
1,1,1-Trichloroethane	ND	0.50	ug/L								
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	0.36	0.50	"								
1,2,4-Trichlorobenzene	0.23	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-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	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	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
Styrene	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	"								

Prepared & Analyzed: 11/19/2015



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51013 - EPA 5030B											
Blank (BK51013-BLK1)								Prepared & Analyzed: 11/19/2015			
Xylenes, Total	ND	1.5	ug/L								
Surrogate: 1,2-Dichloroethane-d4	*9.17*		*"*	*10.0*		*91.7*	*69-130*				
Surrogate: Toluene-d8	*9.76*		*"*	*10.0*		*97.6*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				
LCS (BK51013-BS1)								Prepared & Analyzed: 11/19/2015			
1,1,1-Trichloroethane	9.4		ug/L	10.0		94.2	78-136				
1,1,2,2-Tetrachloroethane	10		"	10.0		104	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.7		"	10.0		97.4	54-165				
1,1,2-Trichloroethane	9.9		"	10.0		99.3	82-123				
1,1-Dichloroethane	10		"	10.0		102	82-129				
1,1-Dichloroethylene	9.6		"	10.0		96.0	68-138				
1,2,3-Trichlorobenzene	11		"	10.0		114	76-136				
1,2,4-Trichlorobenzene	11		"	10.0		112	76-137				
1,2-Dibromo-3-chloropropane	9.9		"	10.0		98.9	45-147				
1,2-Dibromoethane	10		"	10.0		102	83-124				
1,2-Dichlorobenzene	10		"	10.0		101	79-123				
1,2-Dichloroethane	9.3		"	10.0		92.8	73-132				
1,2-Dichloropropane	10		"	10.0		102	78-126				
1,3-Dichlorobenzene	10		"	10.0		104	86-122				
1,4-Dichlorobenzene	10		"	10.0		104	85-124				
2-Butanone	8.6		"	10.0		86.3	49-152				
2-Hexanone	9.7		"	10.0		96.7	51-146				
4-Methyl-2-pentanone	9.8		"	10.0		98.0	57-145				
Acetone	10		"	10.0		102	14-150				
Benzene	10		"	10.0		104	85-126				
Bromochloromethane	10		"	10.0		103	77-128				
Bromodichloromethane	9.6		"	10.0		96.5	79-128				
Bromoform	9.3		"	10.0		92.8	78-133				
Bromomethane	1.4		"	10.0		14.2	43-168	Low Bias			
Carbon disulfide	9.4		"	10.0		94.1	68-146				
Carbon tetrachloride	9.1		"	10.0		90.8	77-141				
Chlorobenzene	10		"	10.0		100	88-120				
Chloroethane	9.8		"	10.0		98.1	65-136				
Chloroform	10		"	10.0		101	82-128				
Chloromethane	7.4		"	10.0		74.5	43-155				
cis-1,2-Dichloroethylene	10		"	10.0		103	83-129				
cis-1,3-Dichloropropylene	10		"	10.0		104	80-131				
Cyclohexane	9.8		"	10.0		97.6	63-149				
Dibromochloromethane	9.5		"	10.0		95.3	80-130				
Dichlorodifluoromethane	9.0		"	10.0		90.5	44-144				
Ethyl Benzene	10		"	10.0		103	80-131				
Isopropylbenzene	11		"	10.0		106	76-140				
Methyl acetate	10		"	10.0		102	51-139				
Methyl tert-butyl ether (MTBE)	11		"	10.0		107	76-135				
Methylcyclohexane	9.8		"	10.0		98.3	72-143				
Methylene chloride	10		"	10.0		101	55-137				
o-Xylene	10		"	10.0		104	78-130				
p- & m- Xylenes	21		"	20.0		106	77-133				
Styrene	10		"	10.0		104	67-132				
Tetrachloroethylene	9.8		"	10.0		97.5	82-131				
Toluene	10		"	10.0		102	80-127				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51013 - EPA 5030B											
LCS (BK51013-BS1)								Prepared & Analyzed: 11/19/2015			
trans-1,2-Dichloroethylene	9.9		ug/L	10.0		99.3	80-132				
trans-1,3-Dichloropropylene	10		"	10.0		101	78-131				
Trichloroethylene	9.7		"	10.0		96.9	82-128				
Trichlorofluoromethane	8.7		"	10.0		86.7	67-139				
Vinyl Chloride	9.2		"	10.0		92.2	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.02*		*"*	*10.0*		*90.2*	*69-130*				
Surrogate: Toluene-d8	*9.59*		*"*	*10.0*		*95.9*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*79-122*				
LCS Dup (BK51013-BSD1)								Prepared & Analyzed: 11/19/2015			
1,1,1-Trichloroethane	9.9		ug/L	10.0		98.6	78-136		4.56	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		106	76-129		1.81	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		103	54-165		5.30	30	
1,1,2-Trichloroethane	10		"	10.0		104	82-123		4.24	30	
1,1-Dichloroethane	11		"	10.0		105	82-129		3.57	30	
1,1-Dichloroethylene	10		"	10.0		101	68-138		5.37	30	
1,2,3-Trichlorobenzene	11		"	10.0		112	76-136		1.06	30	
1,2,4-Trichlorobenzene	11		"	10.0		114	76-137		2.48	30	
1,2-Dibromo-3-chloropropane	9.8		"	10.0		98.1	45-147		0.812	30	
1,2-Dibromoethane	11		"	10.0		105	83-124		2.50	30	
1,2-Dichlorobenzene	10		"	10.0		103	79-123		1.47	30	
1,2-Dichloroethane	9.8		"	10.0		97.8	73-132		5.25	30	
1,2-Dichloropropane	10		"	10.0		105	78-126		2.32	30	
1,3-Dichlorobenzene	11		"	10.0		105	86-122		1.15	30	
1,4-Dichlorobenzene	11		"	10.0		105	85-124		1.44	30	
2-Butanone	11		"	10.0		110	49-152		23.7	30	
2-Hexanone	10		"	10.0		103	51-146		6.70	30	
4-Methyl-2-pentanone	10		"	10.0		101	57-145		3.11	30	
Acetone	9.8		"	10.0		97.7	14-150		4.11	30	
Benzene	11		"	10.0		107	85-126		3.23	30	
Bromochloromethane	11		"	10.0		106	77-128		2.39	30	
Bromodichloromethane	10		"	10.0		100	79-128		4.06	30	
Bromoform	9.9		"	10.0		98.6	78-133		6.06	30	
Bromomethane	2.5		"	10.0		24.8	43-168	Low Bias	54.4	30	Non-dir.
Carbon disulfide	9.7		"	10.0		96.6	68-146		2.62	30	
Carbon tetrachloride	9.6		"	10.0		96.1	77-141		5.67	30	
Chlorobenzene	10		"	10.0		104	88-120		3.72	30	
Chloroethane	10		"	10.0		100	65-136		2.12	30	
Chloroform	10		"	10.0		102	82-128		1.77	30	
Chloromethane	7.9		"	10.0		78.7	43-155		5.48	30	
cis-1,2-Dichloroethylene	10		"	10.0		105	83-129		2.03	30	
cis-1,3-Dichloropropylene	11		"	10.0		107	80-131		2.95	30	
Cyclohexane	10		"	10.0		103	63-149		5.77	30	
Dibromochloromethane	9.8		"	10.0		98.1	80-130		2.90	30	
Dichlorodifluoromethane	9.4		"	10.0		93.9	44-144		3.69	30	
Ethyl Benzene	11		"	10.0		108	80-131		3.98	30	
Isopropylbenzene	11		"	10.0		110	76-140		3.60	30	
Methyl acetate	10		"	10.0		101	51-139		0.989	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		110	76-135		2.76	30	
Methylcyclohexane	10		"	10.0		104	72-143		5.83	30	
Methylene chloride	10		"	10.0		105	55-137		3.49	30	
o-Xylene	11		"	10.0		108	78-130		3.60	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 BK51013 - EPA 5030B											
LCS Dup (BK51013-BSD1)								Prepared & Analyzed: 11/19/2015			
p- & m- Xylenes	22		ug/L	20.0		110	77-133		4.35	30	
Styrene	11		"	10.0		107	67-132		2.46	30	
Tetrachloroethylene	10		"	10.0		104	82-131		6.16	30	
Toluene	11		"	10.0		106	80-127		3.55	30	
trans-1,2-Dichloroethylene	10		"	10.0		101	80-132		1.99	30	
trans-1,3-Dichloropropylene	10		"	10.0		104	78-131		3.22	30	
Trichloroethylene	10		"	10.0		102	82-128		5.52	30	
Trichlorofluoromethane	9.7		"	10.0		96.7	67-139		10.9	30	
Vinyl Chloride	9.8		"	10.0		97.7	58-145		5.79	30	
Surrogate: 1,2-Dichloroethane-d4	*9.10*		*"*	*10.0*		*91.0*	*69-130*				
Surrogate: Toluene-d8	*9.79*		*"*	*10.0*		*97.9*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				
Matrix Spike (BK51013-MS1)	*Source sample: 15K0438-03 (CIM-MW-05)							Prepared & Analyzed: 11/19/2015			
1,1,1-Trichloroethane	8.2		ug/L	10.0	ND	81.7	70-146				
1,1,2,2-Tetrachloroethane	8.5		"	10.0	ND	85.1	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.9		"	10.0	ND	78.6	21-217				
1,1,2-Trichloroethane	8.1		"	10.0	ND	80.8	59-146				
1,1-Dichloroethane	8.5		"	10.0	ND	84.8	54-146				
1,1-Dichloroethylene	8.0		"	10.0	ND	80.5	44-165				
1,2,3-Trichlorobenzene	8.7		"	10.0	ND	86.8	40-161				
1,2,4-Trichlorobenzene	8.7		"	10.0	ND	87.2	41-161				
1,2-Dibromo-3-chloropropane	7.8		"	10.0	ND	77.7	31-151				
1,2-Dibromoethane	8.1		"	10.0	ND	81.1	75-125				
1,2-Dichlorobenzene	8.1		"	10.0	ND	81.4	63-122				
1,2-Dichloroethane	7.7		"	10.0	ND	77.1	68-131				
1,2-Dichloropropane	7.9		"	10.0	ND	78.7	77-121				
1,3-Dichlorobenzene	8.4		"	10.0	ND	83.9	74-119				
1,4-Dichlorobenzene	8.2		"	10.0	ND	82.2	70-124				
2-Butanone	11		"	10.0	ND	112	10-193				
2-Hexanone	10		"	10.0	ND	105	53-133				
4-Methyl-2-pentanone	4.6		"	10.0	ND	45.7	38-150				
Acetone	15		"	10.0	1.4	134	13-149				
Benzene	8.7		"	10.0	ND	87.3	38-155				
Bromochloromethane	8.6		"	10.0	ND	85.8	75-121				
Bromodichloromethane	7.7		"	10.0	ND	77.0	70-129				
Bromoform	7.7		"	10.0	ND	77.3	66-136				
Bromomethane	1.4		"	10.0	ND	13.8	30-158	Low Bias			
Carbon disulfide	7.6		"	10.0	ND	76.2	10-138				
Carbon tetrachloride	8.0		"	10.0	ND	80.2	71-146				
Chlorobenzene	8.1		"	10.0	ND	81.1	81-117				
Chloroethane	7.2		"	10.0	ND	72.3	51-145				
Chloroform	8.4		"	10.0	ND	83.7	80-124				
Chloromethane	4.9		"	10.0	ND	49.4	16-163				
cis-1,2-Dichloroethylene	8.4		"	10.0	ND	84.2	76-125				
cis-1,3-Dichloropropylene	8.2		"	10.0	ND	82.5	58-131				
Cyclohexane	8.5		"	10.0	0.31	82.2	70-130				
Dibromochloromethane	7.6		"	10.0	ND	76.1	71-129				
Dichlorodifluoromethane	4.6		"	10.0	ND	45.8	30-147				
Ethyl Benzene	8.7		"	10.0	ND	87.4	72-128				
Isopropylbenzene	9.1		"	10.0	ND	90.6	66-139				
Methyl acetate	8.5		"	10.0	ND	85.1	10-200				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51013 - EPA 5030B											
Matrix Spike (BK51013-MS1)	*Source sample: 15K0438-03 (CIM-MW-05)							Prepared & Analyzed: 11/19/2015			
Methyl tert-butyl ether (MTBE)	14		ug/L	10.0	5.6	84.7	75-128				
Methylcyclohexane	8.2		"	10.0	ND	81.5	70-130				
Methylene chloride	7.8		"	10.0	ND	78.3	57-128				
o-Xylene	8.4		"	10.0	ND	84.2	69-126				
p- & m- Xylenes	18		"	20.0	ND	88.0	67-130				
Styrene	9.4		"	10.0	ND	94.2	69-125				
Tetrachloroethylene	9.0		"	10.0	ND	89.9	64-139				
Toluene	8.4		"	10.0	ND	84.1	76-123				
trans-1,2-Dichloroethylene	8.0		"	10.0	ND	79.9	79-131				
trans-1,3-Dichloropropylene	8.3		"	10.0	ND	82.8	55-130				
Trichloroethylene	7.9		"	10.0	ND	79.2	53-145				
Trichlorofluoromethane	7.2		"	10.0	ND	72.1	61-142				
Vinyl Chloride	6.6		"	10.0	ND	66.0	31-165				
Surrogate: 1,2-Dichloroethane-d4	*9.02*		*"*	*10.0*		*90.2*	*69-130*				
Surrogate: Toluene-d8	*9.68*		*"*	*10.0*		*96.8*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				
Matrix Spike Dup (BK51013-MSD1)	*Source sample: 15K0438-03 (CIM-MW-05)							Prepared & Analyzed: 11/19/2015			
1,1,1-Trichloroethane	10		ug/L	10.0	ND	101	70-146		21.3	30	
1,1,2,2-Tetrachloroethane	10		"	10.0	ND	104	74-121		19.5	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0	ND	100	21-217		24.4	30	
1,1,2-Trichloroethane	9.9		"	10.0	ND	98.7	59-146		19.9	30	
1,1-Dichloroethane	10		"	10.0	ND	104	54-146		20.3	30	
1,1-Dichloroethylene	10		"	10.0	ND	99.9	44-165		21.5	30	
1,2,3-Trichlorobenzene	11		"	10.0	ND	111	40-161		24.5	30	
1,2,4-Trichlorobenzene	11		"	10.0	ND	113	41-161		26.1	30	
1,2-Dibromo-3-chloropropane	9.8		"	10.0	ND	97.5	31-151		22.6	30	
1,2-Dibromoethane	10		"	10.0	ND	99.6	75-125		20.5	30	
1,2-Dichlorobenzene	10		"	10.0	ND	103	63-122		23.4	30	
1,2-Dichloroethane	9.4		"	10.0	ND	94.4	68-131		20.2	30	
1,2-Dichloropropane	10		"	10.0	ND	100	77-121		24.1	30	
1,3-Dichlorobenzene	11		"	10.0	ND	108	74-119		25.2	30	
1,4-Dichlorobenzene	11		"	10.0	ND	106	70-124		25.7	30	
2-Butanone	12		"	10.0	ND	123	10-193		9.55	30	
2-Hexanone	12		"	10.0	ND	121	53-133		14.3	30	
4-Methyl-2-pentanone	5.4		"	10.0	ND	54.3	38-150		17.2	30	
Acetone	18		"	10.0	1.4	165	13-149	High Bias	19.1	30	
Benzene	11		"	10.0	ND	108	38-155		21.6	30	
Bromochloromethane	10		"	10.0	ND	103	75-121		18.1	30	
Bromodichloromethane	9.8		"	10.0	ND	98.3	70-129		24.3	30	
Bromoform	10		"	10.0	ND	99.8	66-136		25.4	30	
Bromomethane	2.4		"	10.0	ND	24.2	30-158	Low Bias	54.7	30	Non-dir.
Carbon disulfide	9.2		"	10.0	ND	92.1	10-138		18.9	30	
Carbon tetrachloride	10		"	10.0	ND	101	71-146		23.2	30	
Chlorobenzene	10		"	10.0	ND	103	81-117		24.1	30	
Chloroethane	9.0		"	10.0	ND	89.7	51-145		21.5	30	
Chloroform	11		"	10.0	ND	105	80-124		23.0	30	
Chloromethane	6.1		"	10.0	ND	60.6	16-163		20.4	30	
cis-1,2-Dichloroethylene	11		"	10.0	ND	105	76-125		22.4	30	
cis-1,3-Dichloropropylene	11		"	10.0	ND	105	58-131		24.3	30	
Cyclohexane	11		"	10.0	0.31	105	70-130		23.4	30	
Dibromochloromethane	9.6		"	10.0	ND	96.1	71-129		23.2	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

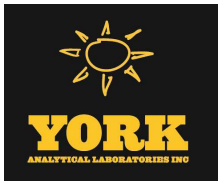
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51013 - EPA 5030B											
Matrix Spike Dup (BK51013-MSD1)	*Source sample: 15K0438-03 (CIM-MW-05)							Prepared & Analyzed: 11/19/2015			
Dichlorodifluoromethane	5.6		ug/L	10.0	ND	56.1	30-147		20.2	30	
Ethyl Benzene	11		"	10.0	ND	111	72-128		23.7	30	
Isopropylbenzene	12		"	10.0	ND	116	66-139		24.2	30	
Methyl acetate	11		"	10.0	ND	108	10-200		23.6	30	
Methyl tert-butyl ether (MTBE)	16		"	10.0	5.6	101	75-128		11.0	30	
Methylcyclohexane	10		"	10.0	ND	105	70-130		25.2	30	
Methylene chloride	9.5		"	10.0	ND	95.2	57-128		19.5	30	
o-Xylene	11		"	10.0	ND	107	69-126		24.2	30	
p- & m- Xylenes	23		"	20.0	ND	113	67-130		24.9	30	
Styrene	12		"	10.0	ND	119	69-125		23.0	30	
Tetrachloroethylene	11		"	10.0	ND	114	64-139		23.9	30	
Toluene	11		"	10.0	ND	107	76-123		24.1	30	
trans-1,2-Dichloroethylene	10		"	10.0	ND	100	79-131		22.4	30	
trans-1,3-Dichloropropylene	10		"	10.0	ND	101	55-130		20.1	30	
Trichloroethylene	10		"	10.0	ND	100	53-145		23.5	30	
Trichlorofluoromethane	9.0		"	10.0	ND	89.6	61-142		21.6	30	
Vinyl Chloride	8.4		"	10.0	ND	83.9	31-165		23.9	30	
Surrogate: 1,2-Dichloroethane-d4	*8.81*		*"*	*10.0*		*88.1*	*69-130*				
Surrogate: Toluene-d8	*9.65*		*"*	*10.0*		*96.5*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*79-122*				
Batch BK51125 - EPA 5030B											
Blank (BK51125-BLK1)								Prepared & Analyzed: 11/20/2015			
1,1,1-Trichloroethane	ND	0.50	ug/L								
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	0.21	0.50	"								
1,2,4-Trichlorobenzene	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-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51125 - EPA 5030B											
Blank (BK51125-BLK1)											
Prepared & Analyzed: 11/20/2015											
Chloroform	ND	0.50	ug/L								
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	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	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	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
Styrene	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	*9.02*		*"*	*10.0*		*90.2*	*69-130*				
Surrogate: Toluene-d8	*9.75*		*"*	*10.0*		*97.5*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51125 - EPA 5030B											
LCS (BK51125-BS1)								Prepared & Analyzed: 11/20/2015			
1,1,1-Trichloroethane	11		ug/L	10.0		108	78-136				
1,1,2,2-Tetrachloroethane	10		"	10.0		100	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		106	54-165				
1,1,2-Trichloroethane	9.7		"	10.0		97.4	82-123				
1,1-Dichloroethane	11		"	10.0		112	82-129				
1,1-Dichloroethylene	11		"	10.0		105	68-138				
1,2,3-Trichlorobenzene	8.6		"	10.0		86.0	76-136				
1,2,4-Trichlorobenzene	8.5		"	10.0		84.7	76-137				
1,2-Dibromo-3-chloropropane	8.9		"	10.0		88.7	45-147				
1,2-Dibromoethane	9.5		"	10.0		95.3	83-124				
1,2-Dichlorobenzene	9.8		"	10.0		97.6	79-123				
1,2-Dichloroethane	9.8		"	10.0		97.5	73-132				
1,2-Dichloropropane	10		"	10.0		101	78-126				
1,3-Dichlorobenzene	10		"	10.0		104	86-122				
1,4-Dichlorobenzene	10		"	10.0		102	85-124				
2-Butanone	4.7		"	10.0		47.4	49-152	Low Bias			
2-Hexanone	8.9		"	10.0		88.7	51-146				
4-Methyl-2-pentanone	5.5		"	10.0		54.8	57-145	Low Bias			
Acetone	8.1		"	10.0		81.3	14-150				
Benzene	11		"	10.0		112	85-126				
Bromochloromethane	11		"	10.0		108	77-128				
Bromodichloromethane	10		"	10.0		100	79-128				
Bromoform	12		"	10.0		120	78-133				
Bromomethane	7.6		"	10.0		76.3	43-168				
Carbon disulfide	11		"	10.0		114	68-146				
Carbon tetrachloride	14		"	10.0		141	77-141				
Chlorobenzene	10		"	10.0		101	88-120				
Chloroethane	9.7		"	10.0		97.3	65-136				
Chloroform	11		"	10.0		107	82-128				
Chloromethane	6.6		"	10.0		65.5	43-155				
cis-1,2-Dichloroethylene	11		"	10.0		107	83-129				
cis-1,3-Dichloropropylene	12		"	10.0		116	80-131				
Cyclohexane	11		"	10.0		106	63-149				
Dibromochloromethane	11		"	10.0		109	80-130				
Dichlorodifluoromethane	8.6		"	10.0		85.6	44-144				
Ethyl Benzene	11		"	10.0		107	80-131				
Isopropylbenzene	11		"	10.0		110	76-140				
Methyl acetate	9.9		"	10.0		98.8	51-139				
Methyl tert-butyl ether (MTBE)	10		"	10.0		104	76-135				
Methylcyclohexane	9.9		"	10.0		99.4	72-143				
Methylene chloride	9.7		"	10.0		97.2	55-137				
o-Xylene	10		"	10.0		103	78-130				
p- & m- Xylenes	22		"	20.0		109	77-133				
Styrene	11		"	10.0		111	67-132				
Tetrachloroethylene	8.8		"	10.0		88.2	82-131				
Toluene	11		"	10.0		106	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		108	80-132				
trans-1,3-Dichloropropylene	12		"	10.0		116	78-131				
Trichloroethylene	9.1		"	10.0		90.6	82-128				
Trichlorofluoromethane	10		"	10.0		101	67-139				
Vinyl Chloride	9.7		"	10.0		97.2	58-145				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51125 - EPA 5030B											
LCS (BK51125-BS1)								Prepared & Analyzed: 11/20/2015			
Surrogate: 1,2-Dichloroethane-d4	*9.00*		*ug/L*	*10.0*		*90.0*	*69-130*				
Surrogate: Toluene-d8	*9.85*		*"*	*10.0*		*98.5*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				
LCS Dup (BK51125-BSD1)								Prepared & Analyzed: 11/20/2015			
1,1,1-Trichloroethane	11		ug/L	10.0		107	78-136		1.21	30	
1,1,2,2-Tetrachloroethane	9.9		"	10.0		98.8	76-129		1.31	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		104	54-165		1.90	30	
1,1,2-Trichloroethane	9.7		"	10.0		97.0	82-123		0.412	30	
1,1-Dichloroethane	11		"	10.0		112	82-129		0.893	30	
1,1-Dichloroethylene	10		"	10.0		103	68-138		2.31	30	
1,2,3-Trichlorobenzene	10		"	10.0		99.7	76-136		14.8	30	
1,2,4-Trichlorobenzene	9.2		"	10.0		91.8	76-137		8.05	30	
1,2-Dibromo-3-chloropropane	9.6		"	10.0		96.2	45-147		8.11	30	
1,2-Dibromoethane	9.6		"	10.0		96.5	83-124		1.25	30	
1,2-Dichlorobenzene	10		"	10.0		102	79-123		4.31	30	
1,2-Dichloroethane	9.8		"	10.0		97.9	73-132		0.409	30	
1,2-Dichloropropane	9.8		"	10.0		98.5	78-126		2.51	30	
1,3-Dichlorobenzene	10		"	10.0		103	86-122		0.0967	30	
1,4-Dichlorobenzene	10		"	10.0		103	85-124		0.874	30	
2-Butanone	10		"	10.0		101	49-152		72.5	30	Non-dir.
2-Hexanone	10		"	10.0		99.5	51-146		11.5	30	
4-Methyl-2-pentanone	5.5		"	10.0		55.1	57-145	Low Bias	0.546	30	
Acetone	8.0		"	10.0		80.1	14-150		1.49	30	
Benzene	11		"	10.0		111	85-126		0.179	30	
Bromochloromethane	11		"	10.0		110	77-128		2.66	30	
Bromodichloromethane	10		"	10.0		99.9	79-128		0.599	30	
Bromoform	12		"	10.0		125	78-133		3.43	30	
Bromomethane	6.9		"	10.0		69.2	43-168		9.76	30	
Carbon disulfide	11		"	10.0		111	68-146		2.41	30	
Carbon tetrachloride	14		"	10.0		139	77-141		1.14	30	
Chlorobenzene	10		"	10.0		102	88-120		1.09	30	
Chloroethane	9.8		"	10.0		98.5	65-136		1.23	30	
Chloroform	11		"	10.0		108	82-128		0.279	30	
Chloromethane	6.5		"	10.0		65.0	43-155		0.766	30	
cis-1,2-Dichloroethylene	11		"	10.0		109	83-129		1.76	30	
cis-1,3-Dichloropropylene	12		"	10.0		116	80-131		0.172	30	
Cyclohexane	10		"	10.0		103	63-149		2.39	30	
Dibromochloromethane	11		"	10.0		108	80-130		0.643	30	
Dichlorodifluoromethane	8.4		"	10.0		83.7	44-144		2.24	30	
Ethyl Benzene	11		"	10.0		106	80-131		0.939	30	
Isopropylbenzene	11		"	10.0		106	76-140		3.62	30	
Methyl acetate	9.8		"	10.0		98.1	51-139		0.711	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		105	76-135		0.575	30	
Methylcyclohexane	9.6		"	10.0		95.5	72-143		4.00	30	
Methylene chloride	10		"	10.0		100	55-137		3.24	30	
o-Xylene	10		"	10.0		102	78-130		0.976	30	
p- & m- Xylenes	22		"	20.0		108	77-133		0.879	30	
Styrene	11		"	10.0		114	67-132		2.66	30	
Tetrachloroethylene	8.5		"	10.0		85.4	82-131		3.23	30	
Toluene	10		"	10.0		105	80-127		1.51	30	
trans-1,2-Dichloroethylene	11		"	10.0		107	80-132		0.465	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 BK51125 - EPA 5030B											
LCS Dup (BK51125-BSD1)								Prepared & Analyzed: 11/20/2015			
trans-1,3-Dichloropropylene	12		ug/L	10.0		118	78-131		2.05	30	
Trichloroethylene	8.8		"	10.0		88.1	82-128		2.80	30	
Trichlorofluoromethane	9.8		"	10.0		98.5	67-139		2.41	30	
Vinyl Chloride	9.8		"	10.0		97.8	58-145		0.615	30	
Surrogate: 1,2-Dichloroethane-d4	*9.29*		*"*	*10.0*		*92.9*	*69-130*				
Surrogate: Toluene-d8	*9.75*		*"*	*10.0*		*97.5*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				
Batch BK51139 - EPA 5030B											
Blank (BK51139-BLK1)								Prepared & Analyzed: 11/21/2015			
1,1,1-Trichloroethane	ND	0.50	ug/L								
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	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
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-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2-Butanone	ND	2.0	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	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	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51139 - EPA 5030B											
Blank (BK51139-BLK1)								Prepared & Analyzed: 11/21/2015			
o-Xylene	ND	0.50	ug/L								
p- & m- Xylenes	ND	1.0	"								
Styrene	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	*8.68*		*"*	*10.0*		*86.8*	*69-130*				
Surrogate: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.9*		*"*	*10.0*		*109*	*79-122*				
LCS (BK51139-BS1)								Prepared & Analyzed: 11/21/2015			
1,1,1-Trichloroethane	10		ug/L	10.0		101	78-136				
1,1,2,2-Tetrachloroethane	9.4		"	10.0		94.4	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		105	54-165				
1,1,2-Trichloroethane	8.6		"	10.0		85.5	82-123				
1,1-Dichloroethane	10		"	10.0		105	82-129				
1,1-Dichloroethylene	10		"	10.0		102	68-138				
1,2,3-Trichlorobenzene	6.4		"	10.0		63.8	76-136	Low Bias			
1,2,4-Trichlorobenzene	6.4		"	10.0		63.5	76-137	Low Bias			
1,2-Dibromo-3-chloropropane	7.2		"	10.0		71.8	45-147				
1,2-Dibromoethane	8.5		"	10.0		85.1	83-124				
1,2-Dichlorobenzene	9.1		"	10.0		91.3	79-123				
1,2-Dichloroethane	8.1		"	10.0		81.0	73-132				
1,2-Dichloropropane	9.5		"	10.0		94.7	78-126				
1,3-Dichlorobenzene	10		"	10.0		100	86-122				
1,4-Dichlorobenzene	9.9		"	10.0		98.6	85-124				
2-Butanone	8.4		"	10.0		84.1	49-152				
2-Hexanone	8.7		"	10.0		86.9	51-146				
4-Methyl-2-pentanone	4.8		"	10.0		47.7	57-145	Low Bias			
Acetone	7.1		"	10.0		71.3	14-150				
Benzene	10		"	10.0		105	85-126				
Bromochloromethane	9.8		"	10.0		97.6	77-128				
Bromodichloromethane	9.2		"	10.0		92.1	79-128				
Bromoform	10		"	10.0		101	78-133				
Bromomethane	9.2		"	10.0		92.2	43-168				
Carbon disulfide	11		"	10.0		109	68-146				
Carbon tetrachloride	13		"	10.0		132	77-141				
Chlorobenzene	9.6		"	10.0		96.5	88-120				
Chloroethane	11		"	10.0		107	65-136				
Chloroform	9.8		"	10.0		97.8	82-128				
Chloromethane	8.1		"	10.0		81.3	43-155				
cis-1,2-Dichloroethylene	10		"	10.0		102	83-129				
cis-1,3-Dichloropropylene	11		"	10.0		107	80-131				
Cyclohexane	10		"	10.0		104	63-149				
Dibromochloromethane	9.5		"	10.0		94.6	80-130				
Dichlorodifluoromethane	9.9		"	10.0		99.0	44-144				
Ethyl Benzene	10		"	10.0		105	80-131				

Volatile Organic Compounds by GC/MS - Quality Control Data

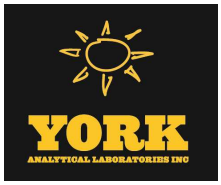
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51139 - EPA 5030B											
LCS (BK51139-BS1)								Prepared & Analyzed: 11/21/2015			
Isopropylbenzene	12		ug/L	10.0		115	76-140				
Methyl acetate	8.8		"	10.0		88.2	51-139				
Methyl tert-butyl ether (MTBE)	9.1		"	10.0		90.6	76-135				
Methylcyclohexane	10		"	10.0		100	72-143				
Methylene chloride	8.9		"	10.0		89.0	55-137				
o-Xylene	9.8		"	10.0		98.4	78-130				
p- & m- Xylenes	21		"	20.0		106	77-133				
Styrene	10		"	10.0		105	67-132				
Tetrachloroethylene	8.5		"	10.0		85.4	82-131				
Toluene	10		"	10.0		104	80-127				
trans-1,2-Dichloroethylene	10		"	10.0		104	80-132				
trans-1,3-Dichloropropylene	11		"	10.0		106	78-131				
Trichloroethylene	9.0		"	10.0		90.1	82-128				
Trichlorofluoromethane	10		"	10.0		103	67-139				
Vinyl Chloride	11		"	10.0		107	58-145				
Surrogate: 1,2-Dichloroethane-d4	*8.28*		*"*	*10.0*		*82.8*	*69-130*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: p-Bromofluorobenzene	*11.0*		*"*	*10.0*		*110*	*79-122*				
LCS Dup (BK51139-BSD1)								Prepared & Analyzed: 11/21/2015			
1,1,1-Trichloroethane	10		ug/L	10.0		99.6	78-136		1.20	30	
1,1,2,2-Tetrachloroethane	9.4		"	10.0		94.3	76-129		0.106	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		102	54-165		3.08	30	
1,1,2-Trichloroethane	8.1		"	10.0		81.3	82-123	Low Bias	5.04	30	
1,1-Dichloroethane	10		"	10.0		101	82-129		3.59	30	
1,1-Dichloroethylene	10		"	10.0		99.8	68-138		2.28	30	
1,2,3-Trichlorobenzene	7.3		"	10.0		73.0	76-136	Low Bias	13.5	30	
1,2,4-Trichlorobenzene	5.8		"	10.0		58.5	76-137	Low Bias	8.20	30	
1,2-Dibromo-3-chloropropane	7.0		"	10.0		69.6	45-147		3.11	30	
1,2-Dibromoethane	7.9		"	10.0		78.8	83-124	Low Bias	7.69	30	
1,2-Dichlorobenzene	9.2		"	10.0		92.2	79-123		0.981	30	
1,2-Dichloroethane	7.3		"	10.0		73.3	73-132		9.98	30	
1,2-Dichloropropane	9.2		"	10.0		91.9	78-126		3.00	30	
1,3-Dichlorobenzene	10		"	10.0		104	86-122		3.83	30	
1,4-Dichlorobenzene	10		"	10.0		104	85-124		4.95	30	
2-Butanone	9.0		"	10.0		89.6	49-152		6.33	30	
2-Hexanone	7.3		"	10.0		73.4	51-146		16.8	30	
4-Methyl-2-pentanone	4.5		"	10.0		45.1	57-145	Low Bias	5.60	30	
Acetone	7.1		"	10.0		70.7	14-150		0.845	30	
Benzene	10		"	10.0		101	85-126		3.89	30	
Bromochloromethane	8.7		"	10.0		87.0	77-128		11.5	30	
Bromodichloromethane	8.8		"	10.0		88.0	79-128		4.55	30	
Bromoform	9.3		"	10.0		92.9	78-133		8.65	30	
Bromomethane	10		"	10.0		100	43-168		8.22	30	
Carbon disulfide	11		"	10.0		106	68-146		2.88	30	
Carbon tetrachloride	13		"	10.0		130	77-141		2.14	30	
Chlorobenzene	9.4		"	10.0		94.2	88-120		2.41	30	
Chloroethane	10		"	10.0		104	65-136		3.04	30	
Chloroform	9.2		"	10.0		92.2	82-128		5.89	30	
Chloromethane	8.6		"	10.0		85.5	43-155		5.04	30	
cis-1,2-Dichloroethylene	9.7		"	10.0		97.0	83-129		4.93	30	
cis-1,3-Dichloropropylene	10		"	10.0		103	80-131		3.80	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51139 - EPA 5030B											
LCS Dup (BK51139-BSD1)								Prepared & Analyzed: 11/21/2015			
Cyclohexane	10		ug/L	10.0		103	63-149		0.675	30	
Dibromochloromethane	8.8		"	10.0		88.4	80-130		6.78	30	
Dichlorodifluoromethane	9.8		"	10.0		97.7	44-144		1.32	30	
Ethyl Benzene	11		"	10.0		107	80-131		2.27	30	
Isopropylbenzene	13		"	10.0		132	76-140		13.4	30	
Methyl acetate	7.7		"	10.0		77.1	51-139		13.4	30	
Methyl tert-butyl ether (MTBE)	8.0		"	10.0		79.8	76-135		12.7	30	
Methylcyclohexane	11		"	10.0		106	72-143		5.35	30	
Methylene chloride	8.3		"	10.0		82.8	55-137		7.22	30	
o-Xylene	9.8		"	10.0		98.5	78-130		0.102	30	
p- & m- Xylenes	22		"	20.0		108	77-133		2.52	30	
Styrene	10		"	10.0		101	67-132		3.69	30	
Tetrachloroethylene	9.0		"	10.0		89.6	82-131		4.80	30	
Toluene	11		"	10.0		106	80-127		2.10	30	
trans-1,2-Dichloroethylene	10		"	10.0		103	80-132		0.872	30	
trans-1,3-Dichloropropylene	10		"	10.0		99.6	78-131		5.94	30	
Trichloroethylene	9.4		"	10.0		94.2	82-128		4.45	30	
Trichlorofluoromethane	10		"	10.0		100	67-139		2.07	30	
Vinyl Chloride	10		"	10.0		104	58-145		2.84	30	
Surrogate: 1,2-Dichloroethane-d4	*7.52*		*"*	*10.0*		*75.2*	*69-130*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81-117*				
Surrogate: p-Bromofluorobenzene	*11.5*		*"*	*10.0*		*115*	*79-122*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK50762 - EPA 3510C

Blank (BK50762-BLK1) Prepared & Analyzed: 11/16/2015

1,1'-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	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	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
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	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50762 - EPA 3510C											
Blank (BK50762-BLK1)								Prepared & Analyzed: 11/16/2015			
Fluorene	ND	0.0500	ug/L								
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-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Surrogate: 2-Fluorophenol	*65.4*		*"*	*75.4*		*86.8*	*12-64*				
Surrogate: Phenol-d5	*62.8*		*"*	*75.3*		*83.4*	*10-82*				
Surrogate: Nitrobenzene-d5	*56.5*		*"*	*50.2*		*113*	*12-96*				
Surrogate: 2-Fluorobiphenyl	*55.1*		*"*	*50.2*		*110*	*16-84*				
Surrogate: 2,4,6-Tribromophenol	*62.6*		*"*	*75.8*		*82.5*	*15-104*				
Surrogate: Terphenyl-d14	*64.4*		*"*	*50.4*		*128*	*15-106*				
LCS (BK50762-BS1)								Prepared & Analyzed: 11/16/2015			
1,1'-Biphenyl	49.1	5.00	ug/L				21-102				
1,2,4,5-Tetrachlorobenzene	58.1	5.00	"	50.0		116	28-105	High Bias			
2,4,5-Trichlorophenol	42.8	5.00	"	50.0		85.6	36-112				
2,4,6-Trichlorophenol	46.6	5.00	"	50.0		93.1	41-107				
2,4-Dichlorophenol	37.8	5.00	"	50.0		75.7	43-92				
2,4-Dimethylphenol	43.4	5.00	"	50.0		86.9	25-92				
2,4-Dinitrophenol	36.5	5.00	"	50.0		73.0	10-149				
2,4-Dinitrotoluene	46.5	5.00	"	50.0		93.0	41-114				
2,6-Dinitrotoluene	50.4	5.00	"	50.0		101	49-106				
2-Chloronaphthalene	40.5	5.00	"	50.0		81.0	40-96				
2-Chlorophenol	36.2	5.00	"	50.0		72.3	35-84				
2-Methylnaphthalene	48.0	5.00	"	50.0		96.1	33-101				
2-Methylphenol	37.8	5.00	"	50.0		75.5	10-90				
2-Nitroaniline	39.2	5.00	"	50.0		78.4	31-122				
2-Nitrophenol	36.6	5.00	"	50.0		73.2	37-97				
3- & 4-Methylphenols	37.8	5.00	"	50.0		75.7	10-101				
3,3'-Dichlorobenzidine	48.1	5.00	"	50.0		96.2	25-155				
3-Nitroaniline	37.4	5.00	"	50.0		74.8	29-128				
4,6-Dinitro-2-methylphenol	ND	5.00	"	50.0			10-135	Low Bias			
4-Bromophenyl phenyl ether	46.3	5.00	"	50.0		92.5	38-116				
4-Chloro-3-methylphenol	50.5	5.00	"	50.0		101	28-101				
4-Chloroaniline	27.7	5.00	"	50.0		55.5	10-154				
4-Chlorophenyl phenyl ether	52.8	5.00	"	50.0		106	34-112				
4-Nitroaniline	34.8	5.00	"	50.0		69.7	15-143				
4-Nitrophenol	14.7	5.00	"	50.0		29.4	10-112				
Acenaphthene	51.9	0.0500	"	50.0		104	24-114				
Acenaphthylene	45.7	0.0500	"	50.0		91.4	26-112				
Acetophenone	52.1	5.00	"	50.0		104	47-92	High Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

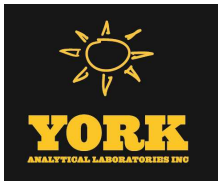
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50762 - EPA 3510C											
LCS (BK50762-BS1)								Prepared & Analyzed: 11/16/2015			
Anthracene	45.5	0.0500	ug/L	50.0		91.0	35-114				
Atrazine	58.0	0.500	"	50.0		116	43-101	High Bias			
Benzaldehyde	40.1	5.00	"	50.0		80.2	17-117				
Benzo(a)anthracene	53.0	0.0500	"	50.0		106	38-127				
Benzo(a)pyrene	45.8	0.0500	"	50.0		91.7	30-146				
Benzo(b)fluoranthene	42.4	0.0500	"	50.0		84.9	36-145				
Benzo(g,h,i)perylene	51.1	0.0500	"	50.0		102	10-163				
Benzo(k)fluoranthene	45.4	0.0500	"	50.0		90.8	16-149				
Benzyl butyl phthalate	41.9	5.00	"	50.0		83.7	28-129				
Bis(2-chloroethoxy)methane	39.7	5.00	"	50.0		79.4	27-112				
Bis(2-chloroethyl)ether	44.6	5.00	"	50.0		89.2	24-114				
Bis(2-chloroisopropyl)ether	54.4	5.00	"	50.0		109	21-124				
Bis(2-ethylhexyl)phthalate	48.3	0.500	"	50.0		96.5	10-171				
Caprolactam	53.7	5.00	"	50.0		107	10-29	High Bias			
Carbazole	38.0	5.00	"	50.0		76.0	49-116				
Chrysene	48.2	0.0500	"	50.0		96.4	33-120				
Dibenzo(a,h)anthracene	52.3	0.0500	"	50.0		105	10-149				
Dibenzofuran	44.7	5.00	"	50.0		89.3	42-105				
Diethyl phthalate	52.6	5.00	"	50.0		105	38-112				
Dimethyl phthalate	47.6	5.00	"	50.0		95.3	49-106				
Di-n-butyl phthalate	46.6	5.00	"	50.0		93.1	36-110				
Di-n-octyl phthalate	48.7	5.00	"	50.0		97.4	12-149				
Fluoranthene	52.3	0.0500	"	50.0		105	33-126				
Fluorene	51.1	0.0500	"	50.0		102	28-117				
Hexachlorobenzene	47.0	0.0200	"	50.0		94.0	27-120				
Hexachlorobutadiene	53.5	0.500	"	50.0		107	25-106	High Bias			
Hexachlorocyclopentadiene	15.3	5.00	"	50.0		30.5	10-99				
Hexachloroethane	42.6	0.500	"	50.0		85.2	33-84	High Bias			
Indeno(1,2,3-cd)pyrene	50.6	0.0500	"	50.0		101	10-150				
Isophorone	44.1	5.00	"	50.0		88.2	29-115				
Naphthalene	48.3	0.0500	"	50.0		96.5	30-99				
Nitrobenzene	44.2	0.250	"	50.0		88.4	32-113				
N-nitroso-di-n-propylamine	51.6	5.00	"	50.0		103	36-118				
N-Nitrosodiphenylamine	49.9	5.00	"	50.0		99.9	27-145				
Pentachlorophenol	22.3	0.250	"	50.0		44.6	19-127				
Phenanthrene	49.3	0.0500	"	50.0		98.6	31-112				
Phenol	39.9	5.00	"	50.0		79.7	10-37	High Bias			
Pyrene	45.0	0.0500	"	50.0		90.0	42-125				
Surrogate: 2-Fluorophenol	*77.4*		*"*	*75.4*		*103*	*12-64*				
Surrogate: Phenol-d5	*85.0*		*"*	*75.3*		*113*	*10-82*				
Surrogate: Nitrobenzene-d5	*69.6*		*"*	*50.2*		*139*	*12-96*				
Surrogate: 2-Fluorobiphenyl	*67.8*		*"*	*50.2*		*135*	*16-84*				
Surrogate: 2,4,6-Tribromophenol	*93.4*		*"*	*75.8*		*123*	*15-104*				
Surrogate: Terphenyl-d14	*70.5*		*"*	*50.4*		*140*	*15-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

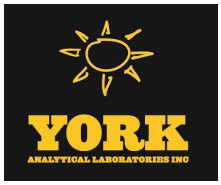
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50762 - EPA 3510C											
LCS (BK50762-BS2)								Prepared & Analyzed: 11/16/2015			
Acenaphthene	1.15	0.0500	ug/L	1.00		115	24-114	High Bias			
Acenaphthylene	1.25	0.0500	"	1.00		125	26-112	High Bias			
Anthracene	0.880	0.0500	"	1.00		88.0	35-114				
Benzo(a)anthracene	1.11	0.0500	"	1.00		111	38-127				
Benzo(a)pyrene	1.36	0.0500	"	1.00		136	30-146				
Benzo(b)fluoranthene	1.26	0.0500	"	1.00		126	36-145				
Benzo(g,h,i)perylene	1.31	0.0500	"	1.00		131	10-163				
Benzo(k)fluoranthene	1.31	0.0500	"	1.00		131	16-149				
Chrysene	1.18	0.0500	"	1.00		118	33-120				
Dibenzo(a,h)anthracene	1.34	0.0500	"	1.00		134	10-149				
Fluoranthene	1.28	0.0500	"	1.00		128	33-126	High Bias			
Fluorene	1.26	0.0500	"	1.00		126	28-117	High Bias			
Indeno(1,2,3-cd)pyrene	1.34	0.0500	"	1.00		134	10-150				
Naphthalene	1.15	0.0500	"	1.00		115	30-99	High Bias			
Phenanthrene	1.15	0.0500	"	1.00		115	31-112	High Bias			
Pyrene	1.22	0.0500	"	1.00		122	42-125				
LCS Dup (BK50762-BSD1)								Prepared & Analyzed: 11/16/2015			
1,1'-Biphenyl	46.3	5.00	ug/L				21-102		5.90	20	
1,2,4,5-Tetrachlorobenzene	56.6	5.00	"	50.0		113	28-105	High Bias	2.70	20	
2,4,5-Trichlorophenol	42.8	5.00	"	50.0		85.6	36-112		0.0467	20	
2,4,6-Trichlorophenol	45.9	5.00	"	50.0		91.8	41-107		1.49	20	
2,4-Dichlorophenol	37.4	5.00	"	50.0		74.8	43-92		1.09	20	
2,4-Dimethylphenol	42.8	5.00	"	50.0		85.6	25-92		1.53	20	
2,4-Dinitrophenol	37.9	5.00	"	50.0		75.8	10-149		3.82	20	
2,4-Dinitrotoluene	45.9	5.00	"	50.0		91.8	41-114		1.26	20	
2,6-Dinitrotoluene	50.4	5.00	"	50.0		101	49-106		0.0198	20	
2-Chloronaphthalene	41.0	5.00	"	50.0		81.9	40-96		1.15	20	
2-Chlorophenol	35.9	5.00	"	50.0		71.9	35-84		0.638	20	
2-Methylnaphthalene	47.8	5.00	"	50.0		95.6	33-101		0.501	20	
2-Methylphenol	37.9	5.00	"	50.0		75.8	10-90		0.370	20	
2-Nitroaniline	39.2	5.00	"	50.0		78.4	31-122		0.0510	20	
2-Nitrophenol	35.2	5.00	"	50.0		70.4	37-97		3.79	20	
3- & 4-Methylphenols	37.7	5.00	"	50.0		75.5	10-101		0.265	20	
3,3'-Dichlorobenzidine	53.7	5.00	"	50.0		107	25-155		10.9	20	
3-Nitroaniline	37.1	5.00	"	50.0		74.2	29-128		0.806	20	
4,6-Dinitro-2-methylphenol	45.0	5.00	"	50.0		90.1	10-135		192	20	Non-dir.
4-Bromophenyl phenyl ether	45.5	5.00	"	50.0		91.0	38-116		1.70	20	
4-Chloro-3-methylphenol	53.8	5.00	"	50.0		108	28-101	High Bias	6.37	20	
4-Chloroaniline	26.8	5.00	"	50.0		53.6	10-154		3.48	20	
4-Chlorophenyl phenyl ether	52.7	5.00	"	50.0		105	34-112		0.190	20	
4-Nitroaniline	34.1	5.00	"	50.0		68.2	15-143		2.18	20	
4-Nitrophenol	45.2	5.00	"	50.0		90.3	10-112		102	20	Non-dir.
Acenaphthene	51.6	0.0500	"	50.0		103	24-114		0.483	20	
Acenaphthylene	45.6	0.0500	"	50.0		91.2	26-112		0.263	20	
Acetophenone	50.1	5.00	"	50.0		100	47-92	High Bias	3.97	20	
Anthracene	45.2	0.0500	"	50.0		90.4	35-114		0.640	20	
Atrazine	56.3	0.500	"	50.0		113	43-101	High Bias	2.92	20	
Benzaldehyde	38.0	5.00	"	50.0		76.0	17-117		5.35	20	
Benzo(a)anthracene	53.4	0.0500	"	50.0		107	38-127		0.639	20	
Benzo(a)pyrene	45.5	0.0500	"	50.0		91.1	30-146		0.635	20	
Benzo(b)fluoranthene	41.5	0.0500	"	50.0		82.9	36-145		2.31	20	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50762 - EPA 3510C											
LCS Dup (BK50762-BSD1)								Prepared & Analyzed: 11/16/2015			
Benzo(g,h,i)perylene	50.6	0.0500	ug/L	50.0		101	10-163		1.02	20	
Benzo(k)fluoranthene	45.7	0.0500	"	50.0		91.4	16-149		0.681	20	
Benzyl butyl phthalate	42.1	5.00	"	50.0		84.1	28-129		0.453	20	
Bis(2-chloroethoxy)methane	39.6	5.00	"	50.0		79.3	27-112		0.176	20	
Bis(2-chloroethyl)ether	43.9	5.00	"	50.0		87.7	24-114		1.67	20	
Bis(2-chloroisopropyl)ether	54.3	5.00	"	50.0		109	21-124		0.276	20	
Bis(2-ethylhexyl)phthalate	48.6	0.500	"	50.0		97.3	10-171		0.784	20	
Caprolactam	51.5	5.00	"	50.0		103	10-29	High Bias	4.20	20	
Carbazole	37.9	5.00	"	50.0		75.8	49-116		0.316	20	
Chrysene	48.4	0.0500	"	50.0		96.9	33-120		0.455	20	
Dibenzo(a,h)anthracene	50.1	0.0500	"	50.0		100	10-149		4.22	20	
Dibenzofuran	45.3	5.00	"	50.0		90.6	42-105		1.44	20	
Diethyl phthalate	52.3	5.00	"	50.0		105	38-112		0.572	20	
Dimethyl phthalate	47.4	5.00	"	50.0		94.8	49-106		0.526	20	
Di-n-butyl phthalate	45.5	5.00	"	50.0		91.0	36-110		2.24	20	
Di-n-octyl phthalate	48.5	5.00	"	50.0		97.0	12-149		0.411	20	
Fluoranthene	51.5	0.0500	"	50.0		103	33-126		1.48	20	
Fluorene	49.9	0.0500	"	50.0		99.7	28-117		2.46	20	
Hexachlorobenzene	45.0	0.0200	"	50.0		90.1	27-120		4.19	20	
Hexachlorobutadiene	53.6	0.500	"	50.0		107	25-106	High Bias	0.0373	20	
Hexachlorocyclopentadiene	16.6	5.00	"	50.0		33.1	10-99		8.05	20	
Hexachloroethane	42.2	0.500	"	50.0		84.4	33-84	High Bias	0.873	20	
Indeno(1,2,3-cd)pyrene	50.5	0.0500	"	50.0		101	10-150		0.336	20	
Isophorone	43.5	5.00	"	50.0		86.9	29-115		1.48	20	
Naphthalene	47.6	0.0500	"	50.0		95.3	30-99		1.31	20	
Nitrobenzene	43.2	0.250	"	50.0		86.5	32-113		2.22	20	
N-nitroso-di-n-propylamine	51.5	5.00	"	50.0		103	36-118		0.0582	20	
N-Nitrosodiphenylamine	50.3	5.00	"	50.0		101	27-145		0.818	20	
Pentachlorophenol	23.2	0.250	"	50.0		46.5	19-127		4.04	20	
Phenanthrene	49.0	0.0500	"	50.0		97.9	31-112		0.692	20	
Phenol	39.0	5.00	"	50.0		77.9	10-37	High Bias	2.31	20	
Pyrene	45.6	0.0500	"	50.0		91.3	42-125		1.41	20	
Surrogate: 2-Fluorophenol	*73.3*		*"*	*75.4*		*97.2*	*12-64*				
Surrogate: Phenol-d5	*81.4*		*"*	*75.3*		*108*	*10-82*				
Surrogate: Nitrobenzene-d5	*66.4*		*"*	*50.2*		*132*	*12-96*				
Surrogate: 2-Fluorobiphenyl	*64.4*		*"*	*50.2*		*128*	*16-84*				
Surrogate: 2,4,6-Tribromophenol	*86.0*		*"*	*75.8*		*114*	*15-104*				
Surrogate: Terphenyl-d14	*68.6*		*"*	*50.4*		*136*	*15-106*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK50836 - EPA 3510C

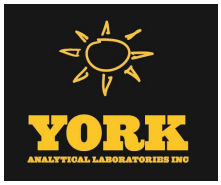
Blank (BK50836-BLK1) Prepared & Analyzed: 11/17/2015

1,1'-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	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	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
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	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

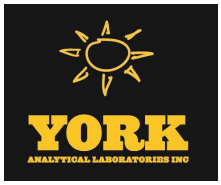
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50836 - EPA 3510C											
Blank (BK50836-BLK1)								Prepared & Analyzed: 11/17/2015			
Fluorene	ND	0.0500	ug/L								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
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-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Surrogate: 2-Fluorophenol	*86.8*		"	*75.4*		*115*	*12-64*				
Surrogate: Phenol-d5	*83.3*		"	*75.3*		*111*	*10-82*				
Surrogate: Nitrobenzene-d5	*72.1*		"	*50.2*		*144*	*12-96*				
Surrogate: 2-Fluorobiphenyl	*64.4*		"	*50.2*		*128*	*16-84*				
Surrogate: 2,4,6-Tribromophenol	*74.0*		"	*75.8*		*97.7*	*15-104*				
Surrogate: Terphenyl-d14	*74.0*		"	*50.4*		*147*	*15-106*				
LCS (BK50836-BS1)								Prepared & Analyzed: 11/17/2015			
1,1'-Biphenyl	37.2	5.00	ug/L				21-102				
1,2,4,5-Tetrachlorobenzene	41.2	5.00	"	50.0		82.4	28-105				
2,4,5-Trichlorophenol	42.6	5.00	"	50.0		85.1	36-112				
2,4,6-Trichlorophenol	42.0	5.00	"	50.0		84.0	41-107				
2,4-Dichlorophenol	35.4	5.00	"	50.0		70.8	43-92				
2,4-Dimethylphenol	41.3	5.00	"	50.0		82.6	25-92				
2,4-Dinitrophenol	47.4	5.00	"	50.0		94.8	10-149				
2,4-Dinitrotoluene	49.8	5.00	"	50.0		99.5	41-114				
2,6-Dinitrotoluene	51.8	5.00	"	50.0		104	49-106				
2-Chloronaphthalene	38.6	5.00	"	50.0		77.2	40-96				
2-Chlorophenol	33.7	5.00	"	50.0		67.3	35-84				
2-Methylnaphthalene	48.2	5.00	"	50.0		96.3	33-101				
2-Methylphenol	37.4	5.00	"	50.0		74.7	10-90				
2-Nitroaniline	40.3	5.00	"	50.0		80.5	31-122				
2-Nitrophenol	33.3	5.00	"	50.0		66.6	37-97				
3- & 4-Methylphenols	39.1	5.00	"	50.0		78.2	10-101				
3,3'-Dichlorobenzidine	51.7	5.00	"	50.0		103	25-155				
3-Nitroaniline	45.1	5.00	"	50.0		90.2	29-128				
4,6-Dinitro-2-methylphenol	57.1	5.00	"	50.0		114	10-135				
4-Bromophenyl phenyl ether	46.2	5.00	"	50.0		92.3	38-116				
4-Chloro-3-methylphenol	53.4	5.00	"	50.0		107	28-101	High Bias			
4-Chloroaniline	29.0	5.00	"	50.0		58.1	10-154				
4-Chlorophenyl phenyl ether	54.0	5.00	"	50.0		108	34-112				
4-Nitroaniline	50.1	5.00	"	50.0		100	15-143				
4-Nitrophenol	40.1	5.00	"	50.0		80.2	10-112				
Acenaphthene	52.8	0.0500	"	50.0		106	24-114				
Acenaphthylene	43.2	0.0500	"	50.0		86.4	26-112				
Acetophenone	39.7	5.00	"	50.0		79.4	47-92				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50836 - EPA 3510C											
LCS (BK50836-BS1)								Prepared & Analyzed: 11/17/2015			
Anthracene	49.9	0.0500	ug/L	50.0		99.7	35-114				
Atrazine	49.1	0.500	"	50.0		98.2	43-101				
Benzaldehyde	29.9	5.00	"	50.0		59.9	17-117				
Benzo(a)anthracene	56.0	0.0500	"	50.0		112	38-127				
Benzo(a)pyrene	42.5	0.0500	"	50.0		84.9	30-146				
Benzo(b)fluoranthene	42.1	0.0500	"	50.0		84.3	36-145				
Benzo(g,h,i)perylene	25.0	0.0500	"	50.0		49.9	10-163				
Benzo(k)fluoranthene	44.8	0.0500	"	50.0		89.7	16-149				
Benzyl butyl phthalate	41.2	5.00	"	50.0		82.4	28-129				
Bis(2-chloroethoxy)methane	36.4	5.00	"	50.0		72.8	27-112				
Bis(2-chloroethyl)ether	43.9	5.00	"	50.0		87.8	24-114				
Bis(2-chloroisopropyl)ether	52.6	5.00	"	50.0		105	21-124				
Bis(2-ethylhexyl)phthalate	47.0	0.500	"	50.0		93.9	10-171				
Caprolactam	42.3	5.00	"	50.0		84.7	10-29	High Bias			
Carbazole	43.6	5.00	"	50.0		87.3	49-116				
Chrysene	48.6	0.0500	"	50.0		97.1	33-120				
Dibenzo(a,h)anthracene	35.6	0.0500	"	50.0		71.1	10-149				
Dibenzofuran	45.7	5.00	"	50.0		91.4	42-105				
Diethyl phthalate	54.2	5.00	"	50.0		108	38-112				
Dimethyl phthalate	46.4	5.00	"	50.0		92.9	49-106				
Di-n-butyl phthalate	46.7	5.00	"	50.0		93.3	36-110				
Di-n-octyl phthalate	44.5	5.00	"	50.0		89.1	12-149				
Fluoranthene	54.2	0.0500	"	50.0		108	33-126				
Fluorene	53.9	0.0500	"	50.0		108	28-117				
Hexachlorobenzene	46.4	0.0200	"	50.0		92.8	27-120				
Hexachlorobutadiene	45.2	0.500	"	50.0		90.5	25-106				
Hexachlorocyclopentadiene	18.8	5.00	"	50.0		37.5	10-99				
Hexachloroethane	40.0	0.500	"	50.0		79.9	33-84				
Indeno(1,2,3-cd)pyrene	32.8	0.0500	"	50.0		65.6	10-150				
Isophorone	41.7	5.00	"	50.0		83.4	29-115				
Naphthalene	44.3	0.0500	"	50.0		88.6	30-99				
Nitrobenzene	41.0	0.250	"	50.0		82.0	32-113				
N-nitroso-di-n-propylamine	52.8	5.00	"	50.0		106	36-118				
N-Nitrosodiphenylamine	56.7	5.00	"	50.0		113	27-145				
Pentachlorophenol	27.2	0.250	"	50.0		54.3	19-127				
Phenanthrene	53.6	0.0500	"	50.0		107	31-112				
Phenol	39.2	5.00	"	50.0		78.4	10-37	High Bias			
Pyrene	45.2	0.0500	"	50.0		90.3	42-125				
Surrogate: 2-Fluorophenol	*58.1*		*"*	*75.4*		*77.1*	*12-64*				
Surrogate: Phenol-d5	*68.6*		*"*	*75.3*		*91.1*	*10-82*				
Surrogate: Nitrobenzene-d5	*51.1*		*"*	*50.2*		*102*	*12-96*				
Surrogate: 2-Fluorobiphenyl	*47.7*		*"*	*50.2*		*95.0*	*16-84*				
Surrogate: 2,4,6-Tribromophenol	*71.5*		*"*	*75.8*		*94.4*	*15-104*				
Surrogate: Terphenyl-d14	*53.6*		*"*	*50.4*		*106*	*15-106*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50836 - EPA 3510C											
LCS (BK50836-BS2)							Prepared & Analyzed: 11/17/2015				
1,1'-Biphenyl	ND	5.00	ug/L				21-102				
1,2,4,5-Tetrachlorobenzene	ND	5.00	"				28-105				
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	1.16	0.0500	"	1.00		116	24-114	High Bias			
Acenaphthylene	1.24	0.0500	"	1.00		124	26-112	High Bias			
Acetophenone	ND	5.00	"				47-92				
Anthracene	0.900	0.0500	"	1.00		90.0	35-114				
Atrazine	ND	0.500	"				43-101				
Benzaldehyde	ND	5.00	"				17-117				
Benzo(a)anthracene	1.20	0.0500	"	1.00		120	38-127				
Benzo(a)pyrene	1.33	0.0500	"	1.00		133	30-146				
Benzo(b)fluoranthene	1.41	0.0500	"	1.00		141	36-145				
Benzo(g,h,i)perylene	1.33	0.0500	"	1.00		133	10-163				
Benzo(k)fluoranthene	1.26	0.0500	"	1.00		126	16-149				
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				
Carbazole	ND	5.00	"				49-116				
Chrysene	1.18	0.0500	"	1.00		118	33-120				
Dibenzo(a,h)anthracene	1.37	0.0500	"	1.00		137	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	1.32	0.0500	"	1.00		132	33-126	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 BK50836 - EPA 3510C											
LCS (BK50836-BS2)							Prepared & Analyzed: 11/17/2015				
Fluorene	1.29	0.0500	ug/L	1.00		129	28-117	High Bias			
Hexachlorobenzene	ND	0.0200	"				27-120				
Hexachlorobutadiene	ND	0.500	"				25-106				
Hexachlorocyclopentadiene	ND	5.00	"				10-99				
Hexachloroethane	ND	0.500	"				33-84				
Indeno(1,2,3-cd)pyrene	1.36	0.0500	"	1.00		136	10-150				
Isophorone	ND	5.00	"				29-115				
Naphthalene	1.14	0.0500	"	1.00		114	30-99	High Bias			
Nitrobenzene	0.370	0.250	"				32-113				
N-nitroso-di-n-propylamine	ND	5.00	"				36-118				
N-Nitrosodiphenylamine	ND	5.00	"				27-145				
Pentachlorophenol	ND	0.250	"				19-127				
Phenanthrene	1.17	0.0500	"	1.00		117	31-112	High Bias			
Phenol	ND	5.00	"				10-37				
Pyrene	1.22	0.0500	"	1.00		122	42-125				
Surrogate: 2-Fluorophenol	*0.00*		*"*	*75.4*			*12-64*				
Surrogate: Phenol-d5	*0.00*		*"*	*75.3*			*10-82*				
Surrogate: Nitrobenzene-d5	*0.00*		*"*	*50.2*			*12-96*				
Surrogate: 2-Fluorobiphenyl	*0.00*		*"*	*50.2*			*16-84*				
Surrogate: 2,4,6-Tribromophenol	*0.00*		*"*	*75.8*			*15-104*				
Surrogate: Terphenyl-d14	*0.00*		*"*	*50.4*			*15-106*				
Matrix Spike (BK50836-MS1)	*Source sample: 15K0438-10 (CIM-MW-06)						Prepared & Analyzed: 11/17/2015				
1,1'-Biphenyl	29.8	5.13	ug/L		ND		40-140				
1,2,4,5-Tetrachlorobenzene	32.7	5.13	"	51.3	ND	63.8	40-140				
2,4,5-Trichlorophenol	33.1	5.13	"	51.3	ND	64.5	44-96				
2,4,6-Trichlorophenol	32.6	5.13	"	51.3	ND	63.7	39-107				
2,4-Dichlorophenol	25.8	5.13	"	51.3	ND	50.3	38-99				
2,4-Dimethylphenol	28.0	5.13	"	51.3	ND	54.6	10-116				
2,4-Dinitrophenol	35.2	5.13	"	51.3	ND	68.7	10-168				
2,4-Dinitrotoluene	39.2	5.13	"	51.3	ND	76.5	26-120				
2,6-Dinitrotoluene	41.1	5.13	"	51.3	ND	80.2	28-118				
2-Chloronaphthalene	29.8	5.13	"	51.3	ND	58.2	33-99				
2-Chlorophenol	22.6	5.13	"	51.3	ND	44.0	25-106				
2-Methylnaphthalene	36.6	5.13	"	51.3	ND	71.5	29-102				
2-Methylphenol	19.3	5.13	"	51.3	ND	37.6	10-118				
2-Nitroaniline	32.2	5.13	"	51.3	ND	62.8	48-99				
2-Nitrophenol	27.2	5.13	"	51.3	ND	53.1	36-103				
3- & 4-Methylphenols	16.6	5.13	"	51.3	ND	32.3	10-102				
3,3'-Dichlorobenzidine	18.7	5.13	"	51.3	ND	36.4	10-140				
3-Nitroaniline	26.0	5.13	"	51.3	ND	50.7	10-169				
4,6-Dinitro-2-methylphenol	41.6	5.13	"	51.3	ND	81.2	10-142				
4-Bromophenyl phenyl ether	36.9	5.13	"	51.3	ND	72.0	35-109				
4-Chloro-3-methylphenol	37.0	5.13	"	51.3	ND	72.1	20-117				
4-Chloroaniline	19.7	5.13	"	51.3	ND	38.3	24-116				
4-Chlorophenyl phenyl ether	42.0	5.13	"	51.3	ND	82.0	31-112				
4-Nitroaniline	33.5	5.13	"	51.3	ND	65.3	24-143				
4-Nitrophenol	8.70	5.13	"	51.3	ND	17.0	10-119				
Acenaphthene	41.0	0.0513	"	51.3	0.164	79.7	17-132				
Acenaphthylene	34.5	0.0513	"	51.3	0.0615	67.1	13-124				
Acetophenone	34.0	5.13	"	51.3	ND	66.3	40-140				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50836 - EPA 3510C											
Matrix Spike (BK50836-MS1)	*Source sample: 15K0438-10 (CIM-MW-06)							Prepared & Analyzed: 11/17/2015			
Anthracene	39.9	0.0513	ug/L	51.3	ND	77.7	40-105				
Atrazine	37.0	0.513	"	51.3	ND	72.2	40-140				
Benzaldehyde	26.2	5.13	"	51.3	ND	51.2	40-140				
Benzo(a)anthracene	43.6	0.0513	"	51.3	ND	84.9	23-141				
Benzo(a)pyrene	34.4	0.0513	"	51.3	ND	67.1	46-118				
Benzo(b)fluoranthene	32.2	0.0513	"	51.3	ND	62.8	22-133				
Benzo(g,h,i)perylene	22.7	0.0513	"	51.3	ND	44.2	10-126				
Benzo(k)fluoranthene	36.6	0.0513	"	51.3	ND	71.4	18-152				
Benzyl butyl phthalate	33.4	5.13	"	51.3	ND	65.2	31-121				
Bis(2-chloroethoxy)methane	30.4	5.13	"	51.3	ND	59.3	23-110				
Bis(2-chloroethyl)ether	28.6	5.13	"	51.3	ND	55.7	10-132				
Bis(2-chloroisopropyl)ether	43.9	5.13	"	51.3	ND	85.5	12-132				
Bis(2-ethylhexyl)phthalate	37.9	0.513	"	51.3	ND	74.0	14-131				
Caprolactam	4.58	5.13	"	51.3	ND	8.94	40-140	Low Bias			
Carbazole	35.1	5.13	"	51.3	ND	68.5	10-169				
Chrysene	39.3	0.0513	"	51.3	ND	76.7	30-127				
Dibenzo(a,h)anthracene	27.6	0.0513	"	51.3	ND	53.8	10-131				
Dibenzofuran	36.4	5.13	"	51.3	ND	71.0	37-103				
Diethyl phthalate	43.1	5.13	"	51.3	ND	84.1	41-106				
Dimethyl phthalate	37.7	5.13	"	51.3	ND	73.5	38-105				
Di-n-butyl phthalate	37.7	5.13	"	51.3	ND	73.5	24-121				
Di-n-octyl phthalate	37.1	5.13	"	51.3	ND	72.3	25-141				
Fluoranthene	42.8	0.0513	"	51.3	ND	83.5	29-123				
Fluorene	42.2	0.0513	"	51.3	ND	82.3	20-133				
Hexachlorobenzene	37.1	0.0205	"	51.3	ND	72.4	24-120				
Hexachlorobutadiene	33.9	0.513	"	51.3	ND	66.1	26-98				
Hexachlorocyclopentadiene	11.3	5.13	"	51.3	ND	22.0	10-103				
Hexachloroethane	28.5	0.513	"	51.3	ND	55.6	11-102				
Indeno(1,2,3-cd)pyrene	29.3	0.0513	"	51.3	ND	57.1	10-130				
Isophorone	34.2	5.13	"	51.3	ND	66.7	19-113				
Naphthalene	36.6	0.0513	"	51.3	ND	71.3	26-104				
Nitrobenzene	33.9	0.256	"	51.3	ND	66.1	25-107				
N-nitroso-di-n-propylamine	41.0	5.13	"	51.3	ND	79.9	16-127				
N-Nitrosodiphenylamine	43.9	5.13	"	51.3	ND	85.5	46-116				
Pentachlorophenol	21.2	0.256	"	51.3	ND	41.4	10-181				
Phenanthrene	42.8	0.0513	"	51.3	ND	83.5	29-121				
Phenol	8.33	5.13	"	51.3	ND	16.2	10-107				
Pyrene	37.7	0.0513	"	51.3	ND	73.5	34-129				
Surrogate: 2-Fluorophenol	*14.1*		*"*	*77.3*		*18.2*	*12-64*				
Surrogate: Phenol-d5	*11.2*		*"*	*77.2*		*14.5*	*10-82*				
Surrogate: Nitrobenzene-d5	*38.4*		*"*	*51.5*		*74.6*	*12-96*				
Surrogate: 2-Fluorobiphenyl	*31.9*		*"*	*51.5*		*62.0*	*16-84*				
Surrogate: 2,4,6-Tribromophenol	*48.2*		*"*	*77.7*		*62.1*	*15-104*				
Surrogate: Terphenyl-d14	*37.1*		*"*	*51.7*		*71.7*	*15-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BK50836 - EPA 3510C

Matrix Spike Dup (BK50836-MSD1) *Source sample: 15K0438-10 (CIM-MW-06) Prepared & Analyzed: 11/17/2015

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1'-Biphenyl	28.9	5.13	ug/L		ND		40-140		2.90	20	
1,2,4,5-Tetrachlorobenzene	32.6	5.13	"	51.3	ND	63.5	40-140		0.534	20	
2,4,5-Trichlorophenol	34.4	5.13	"	51.3	ND	67.2	44-96		4.01	20	
2,4,6-Trichlorophenol	34.4	5.13	"	51.3	ND	67.1	39-107		5.26	20	
2,4-Dichlorophenol	26.3	5.13	"	51.3	ND	51.4	38-99		2.04	20	
2,4-Dimethylphenol	28.1	5.13	"	51.3	ND	54.8	10-116		0.402	20	
2,4-Dinitrophenol	39.5	5.13	"	51.3	ND	77.1	10-168		11.5	20	
2,4-Dinitrotoluene	42.1	5.13	"	51.3	ND	82.0	26-120		6.99	20	
2,6-Dinitrotoluene	43.5	5.13	"	51.3	ND	84.8	28-118		5.63	20	
2-Chloronaphthalene	30.7	5.13	"	51.3	ND	59.9	33-99		2.85	20	
2-Chlorophenol	23.2	5.13	"	51.3	ND	45.2	25-106		2.60	20	
2-Methylnaphthalene	38.0	5.13	"	51.3	ND	74.0	29-102		3.52	20	
2-Methylphenol	20.7	5.13	"	51.3	ND	40.4	10-118		7.02	20	
2-Nitroaniline	33.8	5.13	"	51.3	ND	66.0	48-99		4.97	20	
2-Nitrophenol	27.3	5.13	"	51.3	ND	53.3	36-103		0.451	20	
3- & 4-Methylphenols	18.3	5.13	"	51.3	ND	35.8	10-102		10.1	20	
3,3'-Dichlorobenzidine	13.8	5.13	"	51.3	ND	26.8	10-140		30.3	20	Non-dir.
3-Nitroaniline	23.6	5.13	"	51.3	ND	45.9	10-169		9.89	20	
4,6-Dinitro-2-methylphenol	44.9	5.13	"	51.3	ND	87.5	10-142		7.42	20	
4-Bromophenyl phenyl ether	37.8	5.13	"	51.3	ND	73.8	35-109		2.47	20	
4-Chloro-3-methylphenol	40.3	5.13	"	51.3	ND	78.6	20-117		8.55	20	
4-Chloroaniline	12.4	5.13	"	51.3	ND	24.1	24-116		45.6	20	Non-dir.
4-Chlorophenyl phenyl ether	44.6	5.13	"	51.3	ND	86.9	31-112		5.83	20	
4-Nitroaniline	34.2	5.13	"	51.3	ND	66.8	24-143		2.27	20	
4-Nitrophenol	9.95	5.13	"	51.3	ND	19.4	10-119		13.4	20	
Acenaphthene	43.0	0.0513	"	51.3	0.164	83.5	17-132		4.69	20	
Acenaphthylene	36.2	0.0513	"	51.3	0.0615	70.5	13-124		4.93	20	
Acetophenone	32.9	5.13	"	51.3	ND	64.2	40-140		3.34	20	
Anthracene	41.6	0.0513	"	51.3	ND	81.1	40-105		4.23	20	
Atrazine	38.2	0.513	"	51.3	ND	74.4	40-140		3.00	20	
Benzaldehyde	28.6	5.13	"	51.3	ND	55.7	40-140		8.57	20	
Benzo(a)anthracene	45.9	0.0513	"	51.3	ND	89.5	23-141		5.23	20	
Benzo(a)pyrene	34.5	0.0513	"	51.3	ND	67.3	46-118		0.297	20	
Benzo(b)fluoranthene	38.3	0.0513	"	51.3	ND	74.8	22-133		17.4	20	
Benzo(g,h,i)perylene	23.8	0.0513	"	51.3	ND	46.5	10-126		4.90	20	
Benzo(k)fluoranthene	36.8	0.0513	"	51.3	ND	71.7	18-152		0.391	20	
Benzyl butyl phthalate	35.6	5.13	"	51.3	ND	69.5	31-121		6.39	20	
Bis(2-chloroethoxy)methane	30.2	5.13	"	51.3	ND	59.0	23-110		0.575	20	
Bis(2-chloroethyl)ether	28.2	5.13	"	51.3	ND	54.9	10-132		1.34	20	
Bis(2-chloroisopropyl)ether	45.9	5.13	"	51.3	ND	89.6	12-132		4.64	20	
Bis(2-ethylhexyl)phthalate	42.0	0.513	"	51.3	ND	82.0	14-131		10.2	20	
Caprolactam	5.09	5.13	"	51.3	ND	9.92	40-140	Low Bias	10.4	20	
Carbazole	37.3	5.13	"	51.3	ND	72.6	10-169		5.87	20	
Chrysene	41.0	0.0513	"	51.3	ND	80.0	30-127		4.26	20	
Dibenzo(a,h)anthracene	27.6	0.0513	"	51.3	ND	53.8	10-131		0.0372	20	
Dibenzofuran	38.1	5.13	"	51.3	ND	74.4	37-103		4.59	20	
Diethyl phthalate	46.1	5.13	"	51.3	ND	89.8	41-106		6.58	20	
Dimethyl phthalate	40.1	5.13	"	51.3	ND	78.1	38-105		6.07	20	
Di-n-butyl phthalate	41.3	5.13	"	51.3	ND	80.5	24-121		9.06	20	
Di-n-octyl phthalate	38.4	5.13	"	51.3	ND	74.8	25-141		3.45	20	
Fluoranthene	46.0	0.0513	"	51.3	ND	89.6	29-123		7.04	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50836 - EPA 3510C											
Matrix Spike Dup (BK50836-MSD1)	*Source sample: 15K0438-10 (CIM-MW-06)							Prepared & Analyzed: 11/17/2015			
Fluorene	45.1	0.0513	ug/L	51.3	ND	88.0	20-133		6.67	20	
Hexachlorobenzene	39.3	0.0205	"	51.3	ND	76.7	24-120		5.66	20	
Hexachlorobutadiene	34.4	0.513	"	51.3	ND	67.1	26-98		1.50	20	
Hexachlorocyclopentadiene	10.6	5.13	"	51.3	ND	20.6	10-103		6.39	20	
Hexachloroethane	30.4	0.513	"	51.3	ND	59.3	11-102		6.54	20	
Indeno(1,2,3-cd)pyrene	28.3	0.0513	"	51.3	ND	55.1	10-130		3.46	20	
Isophorone	35.5	5.13	"	51.3	ND	69.3	19-113		3.85	20	
Naphthalene	36.8	0.0513	"	51.3	ND	71.7	26-104		0.587	20	
Nitrobenzene	34.6	0.256	"	51.3	ND	67.4	25-107		1.98	20	
N-nitroso-di-n-propylamine	44.4	5.13	"	51.3	ND	86.6	16-127		8.12	20	
N-Nitrosodiphenylamine	49.9	5.13	"	51.3	ND	97.3	46-116		12.9	20	
Pentachlorophenol	23.1	0.256	"	51.3	ND	45.0	10-181		8.29	20	
Phenanthrene	45.3	0.0513	"	51.3	ND	88.4	29-121		5.72	20	
Phenol	9.14	5.13	"	51.3	ND	17.8	10-107		9.28	20	
Pyrene	38.9	0.0513	"	51.3	ND	75.9	34-129		3.24	20	
Surrogate: 2-Fluorophenol	*17.8*		*"*	*77.3*		*23.0*	*12-64*				
Surrogate: Phenol-d5	*11.9*		*"*	*77.2*		*15.4*	*10-82*				
Surrogate: Nitrobenzene-d5	*37.8*		*"*	*51.5*		*73.4*	*12-96*				
Surrogate: 2-Fluorobiphenyl	*31.9*		*"*	*51.5*		*62.0*	*16-84*				
Surrogate: 2,4,6-Tribromophenol	*49.8*		*"*	*77.7*		*64.1*	*15-104*				
Surrogate: Terphenyl-d14	*37.8*		*"*	*51.7*		*73.1*	*15-106*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50763 - EPA SW846-3510C Low Level											
Blank (BK50763-BLK1)									Prepared: 11/16/2015 Analyzed: 11/17/2015		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Tetrachloro-m-xylene	*0.114*		*"*	*0.201*		*56.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.159*		*"*	*0.207*		*76.7*	*30-120*				
LCS (BK50763-BS1)									Prepared: 11/16/2015 Analyzed: 11/17/2015		
4,4'-DDD	0.100	0.00400	ug/L	0.100		100	40-120				
4,4'-DDE	0.0924	0.00400	"	0.100		92.4	40-120				
4,4'-DDT	0.0978	0.00400	"	0.100		97.8	40-120				
Aldrin	0.0977	0.00400	"	0.100		97.7	40-120				
alpha-BHC	0.105	0.00400	"	0.100		105	40-120				
beta-BHC	0.0866	0.00400	"	0.100		86.6	40-120				
delta-BHC	0.106	0.00400	"	0.100		106	40-120				
Dieldrin	0.0936	0.00200	"	0.100		93.6	40-120				
Endosulfan I	0.0926	0.00400	"	0.100		92.6	40-120				
Endosulfan II	0.0894	0.00400	"	0.100		89.4	40-120				
Endosulfan sulfate	0.0943	0.00400	"	0.100		94.3	40-120				
Endrin	0.103	0.00400	"	0.100		103	40-120				
Endrin aldehyde	0.0860	0.0100	"	0.100		86.0	40-120				
Endrin ketone	0.0986	0.0100	"	0.100		98.6	40-120				
gamma-BHC (Lindane)	0.0967	0.00400	"	0.100		96.7	40-120				
Heptachlor	0.0920	0.00400	"	0.100		92.0	40-120				
Heptachlor epoxide	0.0869	0.00400	"	0.100		86.9	40-120				
Methoxychlor	0.102	0.00400	"	0.100		102	40-120				
Surrogate: Tetrachloro-m-xylene	*0.187*		*"*	*0.201*		*93.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.235*		*"*	*0.207*		*114*	*30-120*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50763 - EPA SW846-3510C Low Level											
LCS Dup (BK50763-BSD1)									Prepared: 11/16/2015 Analyzed: 11/17/2015		
4,4'-DDD	0.119	0.00400	ug/L	0.100		119	40-120		17.2	30	
4,4'-DDE	0.111	0.00400	"	0.100		111	40-120		18.1	30	
4,4'-DDT	0.115	0.00400	"	0.100		115	40-120		16.2	30	
Aldrin	0.117	0.00400	"	0.100		117	40-120		18.2	30	
alpha-BHC	0.119	0.00400	"	0.100		119	40-120		12.0	30	
beta-BHC	0.104	0.00400	"	0.100		104	40-120		18.0	30	
delta-BHC	0.119	0.00400	"	0.100		119	40-120		11.8	30	
Dieldrin	0.110	0.00200	"	0.100		110	40-120		16.3	30	
Endosulfan I	0.110	0.00400	"	0.100		110	40-120		17.2	30	
Endosulfan II	0.106	0.00400	"	0.100		106	40-120		16.5	30	
Endosulfan sulfate	0.110	0.00400	"	0.100		110	40-120		15.3	30	
Endrin	0.115	0.00400	"	0.100		115	40-120		11.3	30	
Endrin aldehyde	0.102	0.0100	"	0.100		102	40-120		17.1	30	
Endrin ketone	0.112	0.0100	"	0.100		112	40-120		12.6	30	
gamma-BHC (Lindane)	0.116	0.00400	"	0.100		116	40-120		17.9	30	
Heptachlor	0.110	0.00400	"	0.100		110	40-120		17.8	30	
Heptachlor epoxide	0.103	0.00400	"	0.100		103	40-120		17.4	30	
Methoxychlor	0.117	0.00400	"	0.100		117	40-120		13.4	30	
Surrogate: Tetrachloro-m-xylene	*0.212*		*"*	*0.201*		*106*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.263*		*"*	*0.207*		*127*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

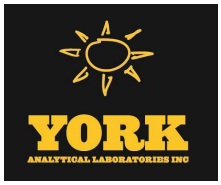
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50763 - EPA SW846-3510C Low Level											
Blank (BK50763-BLK1)								Prepared: 11/16/2015 Analyzed: 11/18/2015			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.223*		*"*	*0.201*		*111*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.239*		*"*	*0.207*		*115*	*30-120*				
LCS (BK50763-BS2)								Prepared: 11/16/2015 Analyzed: 11/18/2015			
Aroclor 1016	0.975	0.0500	ug/L	1.00		97.5	40-120				
Aroclor 1260	1.02	0.0500	"	1.00		102	40-120				
Surrogate: Tetrachloro-m-xylene	*0.217*		*"*	*0.201*		*108*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.236*		*"*	*0.207*		*114*	*30-120*				
LCS Dup (BK50763-BSD2)								Prepared: 11/16/2015 Analyzed: 11/18/2015			
Aroclor 1016	0.950	0.0500	ug/L	1.00		95.0	40-120		2.66	30	
Aroclor 1260	0.986	0.0500	"	1.00		98.6	40-120		3.33	30	
Surrogate: Tetrachloro-m-xylene	*0.222*		*"*	*0.201*		*110*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.237*		*"*	*0.207*		*114*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50866 - EPA 3015A											
Blank (BK50866-BLK1)									Prepared & Analyzed: 11/17/2015		
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 (BK50866-DUP1)	*Source sample: 15K0438-01 (CIM-MW-01)								Prepared & Analyzed: 11/17/2015		
Aluminum	ND	0.056	mg/L		ND					20	
Antimony	ND	0.006	"		ND					20	
Arsenic	0.007	0.004	"		0.005				24.4	20	Non-dir.
Barium	0.175	0.011	"		0.171				1.95	20	
Beryllium	ND	0.001	"		ND					20	
Cadmium	ND	0.003	"		ND					20	
Calcium	243	0.056	"		238				2.04	20	
Chromium	ND	0.006	"		ND					20	
Cobalt	ND	0.006	"		ND					20	
Copper	0.015	0.003	"		0.015				2.52	20	
Iron	13.5	0.022	"		13.1				2.87	20	
Lead	0.006	0.003	"		0.008				28.1	20	Non-dir.
Magnesium	39.3	0.056	"		38.2				2.63	20	
Manganese	6.29	0.006	"		6.01				4.51	20	
Nickel	ND	0.006	"		ND					20	
Potassium	5.42	0.056	"		5.29				2.33	20	
Selenium	ND	0.011	"		0.020					20	
Silver	ND	0.006	"		ND					20	
Sodium	146	0.111	"		142				3.29	20	
Thallium	ND	0.006	"		ND					20	
Vanadium	ND	0.011	"		ND					20	
Zinc	0.030	0.011	"		0.030				1.01	20	



Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50866 - EPA 3015A											
Matrix Spike (BK50866-MS1)	*Source sample: 15K0438-01 (CIM-MW-01)						Prepared & Analyzed: 11/17/2015				
Antimony	0.267	0.006	mg/L	0.278	ND	96.1	75-125				
Arsenic	2.21	0.004	"	2.22	0.005	99.3	75-125				
Barium	2.42	0.011	"	2.22	0.171	101	75-125				
Beryllium	0.055	0.001	"	0.0556	ND	98.9	75-125				
Cadmium	0.054	0.003	"	0.0556	ND	98.0	75-125				
Chromium	0.215	0.006	"	0.222	ND	96.9	75-125				
Cobalt	0.549	0.006	"	0.556	ND	98.8	75-125				
Copper	0.304	0.003	"	0.278	0.015	104	75-125				
Iron	14.5	0.022	"	1.11	13.1	125	75-125				
Lead	0.543	0.003	"	0.556	0.008	96.3	75-125				
Manganese	6.65	0.006	"	0.556	6.01	114	75-125				
Nickel	0.557	0.006	"	0.556	ND	100	75-125				
Selenium	2.25	0.011	"	2.22	0.020	100	75-125				
Silver	0.055	0.006	"	0.0556	ND	98.5	75-125				
Thallium	2.09	0.006	"	2.22	ND	94.1	75-125				
Vanadium	0.546	0.011	"	0.556	ND	98.2	75-125				
Zinc	0.560	0.011	"	0.556	0.030	95.3	75-125				
Reference (BK50866-SRM1)							Prepared & Analyzed: 11/17/2015				
Aluminum	0.615		ug/mL	0.540		114	79.6-120.4				
Antimony	0.205		"	0.210		97.7	75.2-121				
Arsenic	0.544		"	0.580		93.9	83.9-114.7				
Barium	0.461		"	0.480		96.0	85-115				
Beryllium	0.279		"	0.300		93.1	85-115				
Cadmium	0.423		"	0.470		89.9	85.1-115.1				
Calcium	103		"	107		96.3	86-114				
Chromium	0.584		"	0.639		91.3	84.9-115				
Cobalt	0.101		"	0.110		91.8	85-115.4				
Copper	0.650		"	0.659		98.7	84.9-115				
Iron	0.553		"	0.570		97.1	85.1-115.1				
Lead	0.445		"	0.490		90.9	85.1-115.1				
Magnesium	17.9		"	17.9		99.9	86-114				
Manganese	0.292		"	0.320		91.2	85-115				
Nickel	1.08		"	1.17		92.5	88.2-112.2				
Potassium	27.7		"	29.1		95.3	84.9-115				
Selenium	0.773		"	0.839		92.1	84.9-115				
Silver	0.536		"	0.600		89.4	85-115				
Sodium	92.4		"	99.8		92.6	85-115				
Thallium	0.340		"	0.370		91.8	81.4-116.8				
Vanadium	0.273		"	0.310		87.9	85.1-115.1				
Zinc	0.638		"	0.699		91.3	84.9-115				

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 BK50618 - EPA 7473 water											
Blank (BK50618-BLK1)									Prepared: 11/12/2015 Analyzed: 11/13/2015		
Mercury	ND	0.00020	mg/L								
Duplicate (BK50618-DUP1)	*Source sample: 15K0438-03 (CIM-MW-05)								Prepared: 11/12/2015 Analyzed: 11/13/2015		
Mercury	ND	0.00020	mg/L		ND					20	
Duplicate (BK50618-DUP2)	*Source sample: 15K0438-10 (CIM-MW-06)								Prepared: 11/12/2015 Analyzed: 11/13/2015		
Mercury	ND	0.00020	mg/L		ND					20	
Matrix Spike (BK50618-MS1)	*Source sample: 15K0438-03 (CIM-MW-05)								Prepared: 11/12/2015 Analyzed: 11/13/2015		
Mercury	0.00177		mg/kg	0.00200	ND	88.7	75-125				
Matrix Spike (BK50618-MS2)	*Source sample: 15K0438-10 (CIM-MW-06)								Prepared: 11/12/2015 Analyzed: 11/13/2015		
Mercury	0.00176		mg/kg	0.00200	ND	88.1	75-125				
Reference (BK50618-SRM1)									Prepared: 11/12/2015 Analyzed: 11/13/2015		
Mercury	0.00195		mg/kg	0.00230		85.0	61.3-135				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15K0438-01	CIM-MW-01	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15K0438-02	CIM-MW-02	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15K0438-03	CIM-MW-05	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15K0438-04	CIM-MW-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15K0438-05	CIM-FD-01	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15K0438-06	CIM-EB-01	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15K0438-07	CIM-MW-03	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15K0438-08	CIM-MW-07	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15K0438-09	CIM-MW-09	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15K0438-10	CIM-MW-06	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15K0438-11	CIM-MW-08	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15K0438-12	CIM-MW-04	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

S-D	The surrogates were spiked at twice the normal concentration and recovery is within limits.
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-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-RPD	Sample conc. <5 X reporting limit.
M-LSRD	Original sample conc <50 X reporting limit.
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-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

---

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

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 15K0438

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: Chazen	Company: Chazen	Company: Acds	Washington Street 41548	RUSH - Same Day ☐	Summary Report ✓
Address:	Address:	Address: Payable	Purchase Order No. P17608	RUSH - Next Day ☐	Summary w/ QA Summary
Phone No.	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package
Contact Person: Will Olson	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: wolson@chazencompanies.com	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY___ NJ___	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) ☒	NY ASP B Package ✓
					NJDEP Red. Deliv.

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

David Froedden
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Electronic Data Deliverables (EDD)
Simple Excel
NYSDEC EQuIS
EQuIS (std)
EZ-EDD (EQuIS)
NJDEP SRP HazSite EDD
GIS/KEY (std)
Other
York Regulatory Comparison Excel Spreadsheet
Compare to the following Regs. (please fill in):

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
CIM-MW-06	11.11-15 10:35	aw		3x) Ambers
CIM-MW-08	↓ 11:35	↓		1x) 250 nitric
CIM-MW-04	12:55			3x) 40ml VOAs
CIM-MW-06-MS/MSD	10:35		SVOCs Only	2x) Ambers

Comments

Preservation
Check those Applicable
4°C___ Frozen___ HCl___ MeOH___ HNO_3___ H_2SO_4___ NaOH___
ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — Date/Time
Samples Received By — Date/Time 11-11-15 14:20
Samples Relinquished By — Date/Time
Samples Received in LAB by — Date/Time 11-11-15 1611

Temperature on Receipt 3.0 °C

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

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 15K0438

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: Chazen	Company: Chazen	Company: Accts	Washington street 41548	RUSH - Same Day ☐	Summary Report ✓
Address:	Address:	Address: payable		RUSH - Next Day ☐	Summary w/ QA Summary
			Purchase Order No.	RUSH - Two Day ☐	CT RCP Package
Phone No.	Phone No.	Phone No.	p17608	RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
Contact Person: Will Olsen	Attention:	Attention:		RUSH - Four Day ☐	NY ASP A Package
E-Mail Address: ~~wolsen@wols~~	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY ✓ NJ___	Standard(5-7 Days) ☒	NY ASP B Package ✓
					NJDEP Red. Deliv.

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Will Olsen
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Electronic Data Deliverables (EDD)
Simple Excel
NYSDEC EQuIS
EQuIS (std)
EZ-EDD (EQuIS)
NJDEP SRP HazSite EDD
GIS/KEY (std)
Other
York Regulatory Comparison Excel Spreadsheet
Compare to the following Regs. (please fill in):

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
CIM-MW-01	11-10-15 12:10	GW	TCL VOC's, PCBr, Pesticides,	3x) 1L Amber
CIM-MW-02	13:30		TCC SVOC's, TAL Metals	1x) 250 Nitric
CIM-MW-05	1448			3x) 40 ml VOA's unpreserved
CIM-MW-10	1602			
CIM-FD-01	XX/XX/XX XX:XX			
CIM-MW-05-MS/MSD	1448		TCL VOC's only	3x) 40 ml VOA
CIM-EB-01	1625			
CIM-MW-03	1455			3x) 40ml VOAs HCL
CIM-MW-07	1620			
CIM-MW-09	11-10-15 1321			

Comments

Preservation Check those Applicable: 4°C___ Frozen___ HCl___ MeOH___ HNO_3___ H_2SO_4___ NaOH___ ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]		[signature]	11-11-15 14:20
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		P Grace	11-11-15 1611

Temperature on Receipt: 3.0 °C