

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



Engineers
Land Surveyors
Planners
Environmental & Safety Professionals
Landscape Architects

Prepared for:

City of Newburgh
83 Broadway
Newburgh, NY 12550

December 3, 2018

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1.0 INTRODUCTION

At the request of the City of Newburgh, Chazen Engineering, Land Surveying & Landscape Architecture Co., D.P.C. (Chazen) has 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 was prepared for 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. as approved by the EPA on June 27, 2014. This is the third PRR prepared for the Site since completion of the Remedial Action Program.

The Site is an approximately 8.3-acre parcel of vacant land abutting the western shore of the Hudson River. It is 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 slight gentle slope from west to east and an 8-foot high steep embankment at the river's edge.

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 1900's through the 1940's and then for scrap metal collection and reclamation until 1999. The scrap metal operation resulted in the on-site accumulation of hazardous compounds that included volatile and semi-volatile organic compounds, polychlorinated biphenyls, and EPA Priority Pollutant 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 waste and debris, and targeted excavation and off-site disposal of impacted soils from grade to six feet below grade or the water table.

A demarcation barrier-layer and protective clean soil cover system was placed across the site to restrict potential human contact with, residually-impacted soils. In areas where excavation was not required, residual soil impacts at grade remain at concentrations less than or equal to the Restricted-Residential Use Soil Clean-up Objectives of 6 NYCRR 375-6.8(b).

Residual groundwater impacts remain at the Site that exceed ambient water quality standards. Groundwater in the area is not used for potable drinking water and there are no significant downgradient ecological resources.

Potential Soil Vapor Intrusion (SVI) was evaluated. There are no on-site buildings at this time, and the potential for SVI to adversely impact off-site buildings was determined to be insignificant.

Based on the remedial work completed, the Site was reclassified in August 2014 from Class 2 to Class 4 in the New York State Registry of Inactive Hazardous Waste Sites. This 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 Objectives established in the ROD.

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 the above tasks is to be completed once annually or more frequently as warranted.

2.0 ENGINEERING AND INSTITUTIONAL CONTROLS

A detailed description of the Engineering and Institutional Controls (EC/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 October 1 and 2, 2018 and are described in Section 2.1. Periodic sampling of the groundwater monitoring network and analysis was performed on October 1 and 2, 2018. The sampling methods and procedures are described in Section 2.2. The laboratory results are reported in Section 3.

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

2.1 SITE INSPECTION

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. There is a standard 96"-high perimeter security fence on the upland northern, western, and southern property boundary with access gates near the northwest and southwest corners. The shoreline with the river is open but not readily accessible (no landing, with a steep rip-rap embankment). A public access gate is located along the northern security fence, and remained open while Chazen was on site.

Visual inspection of the site was performed by Chazen personnel on October 1 and 2, 2018. Commencing at the northwest corner of the site, the site perimeter was followed in a counter-clockwise direction to observe the condition of the perimeter fence and erosion control blanket along the river front.

Interior areas were inspected while traversing the site to access the monitoring wells for sampling. A site map with approximate locations of the traverses and photos are included in **Appendix B**.

The following observations were noted during the site walk:

- The perimeter fence appeared to be intact with no evidence of tampering or damage. Vegetation in some areas could damage the fence if allowed to continue to grow but have not yet caused an issue.
- The eastern boundary abutting the Hudson is steeply sloped with a heavy rip-rap erosion blanket approximately 25 feet wide. Based on the 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 parallel to the shoreline with large pieces of driftwood 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.
- The site is vegetated with small trees and shrubs along the fence line and wild grass, flowers, and weeds in the open field. A few small scrub bushes were observed but no heavy growth or deep rooting brush, thickets, or trees were observed in the field. Brush and woody plants are establishing themselves along the top edge of the erosion blanket and into the rip-rap along the slope. Presumably, these plants are establishing themselves where it is difficult for standard lawn care equipment to control/manage the growth.
- A continuous gravel walking path follows the river shore and inside of site perimeter, accessed via a public gate along on the northern fence line. Several picnic tables with grills and bleacher seats are located within field areas. These features (continuous walking path, tables) have been added since the last PRR/Site Inspection was completed in November 2017. The footpaths do not appear to have had any adverse impact of the soil cover system.
- A recently installed sanitary sewer pumping station was observed on the site near the southwest corner within a fenced-in area. Chazen understands this station was installed as part a municipal sewer system upgrade completed by the City of Newburgh since the last PRR was completed in 2017.

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

2.2 SITE MONITORING

One round of groundwater samples was collected from the ten existing on-site groundwater monitoring wells. Three wells were sampled on October 1, 2018 and seven of the wells were sampled on October 2, 2018.

Prior to sampling, all of the wells were visually inspected for evidence of damage and/or tampering and appeared to be intact with no evidence of damage and were secured with locks, locking caps, and friction caps in-place. The depths to water and depths to bottom were then measured with an electronic interface probe to the nearest 0.01 feet and recorded on the field sampling logs.

The depth to bottom measurements were compared to the 2010 construction logs prepared by Geologic. The data suggests monitoring well functionality remains satisfactory, with minimal to no siltation observed.

Monitoring wells were sampled using low-flow methods using a peristaltic pump at a pumping rate ranging from 0.10 to 0.12 gallons per minute, limiting drawdown and allowing sample collection upon documentation of stabilized field parameters. Dedicated sample tubing was used for purging and sample collection at each well.

During the low-flow sampling, 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 Professional Plus multi-parameter water quality meter. Pumping continued until drawdown and the WQPs stabilized. The data was recorded on the sampling logs attached in **Appendix C**.

Groundwater samples were collected from the well in laboratory supplied sample containers, recorded on the chain-of-custody, and placed in ice filled coolers, then transferred to a secure sample refrigerator. Samples were transported directly to the laboratory by courier service on October 3, 2018. The lab reported that all samples 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. The samples were submitted for analysis of the Target Compound List (TCL) of volatile and semi-volatile organic compounds, Target Analyte List (TAL) Metals, polychlorinated biphenyls (PCBs), and pesticides. Samples were analyzed using ASP methods with standard Class A deliverable data deliverables.

Quality Control/Quality Assurance samples were collected to evaluate data quality. One Trip Blank, a field duplicate, and a Matrix Spike and Matrix Spike Duplicate were collected during the sampling event.

The TB supplied by the laboratory was included in each shipment of samples for VOC analysis.

The Field Duplicate was collected from MW-01. Except for the grab samples for VOCs which were collected consecutively, the sample and duplicate sample from MW-01 were collected concurrently by frequently alternating between the sample bottles until both were filled.

The MS/MSD for VOCs and SVOCS was collected from MW-01. The MS and MSD samples were collected consecutively immediately after collecting the sample at that location.

3.0 MONITORING RESULTS

3.1 WATER TABLE

The depths to water from the surveyed measuring point elevations for each well was used to determine the water table elevation in each well. The results are included in the table below.

Water Table October 1-2, 2018					
Well ID	Measuring Point Elevation (AMSL)	Ground Surface Elevation (AMSL)	Stick-Up (feet)	Depth To Water (ft)	Water Table Elevation (AMSL)
MW-01	18.01	15.00	3.01	13.66	4.35
MW-02	13.99	11.17	2.82	12.24	1.75
MW-03	13.26	10.15	3.10	11.20	2.06
MW-04	11.74	8.77	2.98	10.31	1.43
MW-05	11.52	8.45	3.07	10.20	1.32
MW-06	10.50	7.84	2.66	8.88	1.62
MW-07	10.76	7.99	2.77	9.42	1.34
MW-08	10.85	8.14	2.71	9.60	1.25
MW-09	15.69	12.35	3.34	13.04	2.65
MW-10	11.13	8.47	2.66	10.03	1.10
Elevation in NAVD 88 AMSL = Above Mean Sea Level					

The data (shaded yellow) were plotted on the site survey map to show the distribution of water elevations across the site. An annotated site survey is included as **Figure 2**.

Based on available Hudson River tidal data for Newburgh, NY the tidal range for October 1 and 2, 2018 was:

High:	10-1-18, 17:03 EDT	3.20 ft AMSL
Low:	10-1-18, 11:06 EDT	0.45 ft AMSL

With the exception of MW-01, all groundwater elevations were within the tidal range. The highest elevation was reported in MW-01, suggesting an upgradient condition with net groundwater flow through the site towards the Hudson River.

3.2 WATER QUALITY PARAMETERS

Water quality parameters were collected multiple times at each sample location during the sampling event using a hand-held YSI multi-parameter water quality meter. The results are included on the sampling data sheets included in Appendix C.

The final WQPs collected at each well just prior to sampling are included in the table below.

Well ID	Temp (°C)	pH	SC (µS/cm)	ORP (mV)	DO (mg/l)
MW-01	17.2	6.99	2,772	-152.7	0.27
MW-02	17.7	6.70	1,833	-150.4	0.36
MW-03	17.7	6.99	984	-248.7	0.70
MW-04	17.3	7.00	1,154	-172.5	0.52
MW-05	18.3	7.06	1,370	-178.5	0.48
MW-06	19.5	7.53	867	-119.4	3.56
MW-07	17.2	8.13	812	-164.0	0.67
MW-08	19.1	7.18	710	-145.1	0.82
MW-09	14.8	7.39	1,589	-164.3	0.53
MW-10	18.3	7.03	1,308	-168.3	0.47

The groundwater chemistry of these wells has been historically recognized to divide geographically into two groups of five, separated by the deep soil excavation area running east-west across the middle of the Site. The more northern wells historically have exhibited higher temperatures, higher acidity, and lower dissolve oxygen concentrations. For this sampling round, the average WQPs for both groups of wells (MW-1, 2, 5, 6 and 10 = North, and MW-3, 4, 7, 8 and 9 = South) are included in the table below.

Group	Temp (°C)	pH	SC (µS/cm ²)	ORP (mV)	DO (mg/l)
North	18.2	7.06	1,630	-153.86	1.03
South	17.2	7.34	1,050	-178.92	0.65

With the exception of the DO, the average WQPs in the north and south groups were very similar.

3.3 VOLATILE ORGANIC COMPOUNDS

Five or fewer gasoline-range VOC analytes were reported at concentrations exceeding their respective ambient water quality standard (AWQS) in monitoring wells MW-01 and MW-07. Amongst the eight remaining monitoring wells, VOCs were either reported below standards or were not detected.

A “hit” summary table is included below, highlighting the VOCs that exceeded groundwater standards.

Monitoring Well ID	AWQS (µg/L)	MW-01		MW-07	
York ID		18J0190-10		18J0190-02	
Compound		(µg/L)	Q	(µg/L)	Q
Benzene	1	26		1.3	
Ethyl Benzene	5	400	D	0.46	J
Isopropylbenzene	5	110		0.20	U
p- & m- Xylenes	5	9.2		0.50	U
Toluene	5	6.2		0.51	

The laboratory results for all VOCs and qualifier descriptions are included in **Table 1**.

3.4 SEMI-VOLATILE ORGANIC COMPOUNDS

Five of the ten monitoring well samples (MW-01, MW-03, MW-04, MW-7, MW-08) reported SVOC concentrations in excess of their respective AWQS. SVOCs in the remaining five samples were either not detected or were below standards. For several compounds, the laboratory method detection limit (MDL) was greater than the applicable AWQS.

A “hit” summary for SVOCs is included in the table below, highlighting the six SVOCs detected in one or more samples above the AWQS. The laboratory results for all SVOCs and qualifier descriptions are included in **Table 2**.

Monitoring Well ID	AWQS (µg/L)	MW-01		MW-03		MW-04		MW-07		MW-08	
York ID		18J0190-10		18J0190-01		18J0190-05		18J0190-02		18J0190-06	
Compound		(µg/L)	Q	(µg/L)	Q	(µg/L)	Q	(µg/L)	Q	(µg/L)	Q
Benzo(a)anthracene	0.002	0.0385	U	0.0385		0.0385	U	0.0615		0.0846	
Benzo(a)pyrene	0.002	0.0385	U	0.0385		0.0385		0.0385	U	0.0769	
Benzo(b)fluoranthene	0.002	0.0385	U	0.0385		0.0385	U	0.0385	U	0.0692	
Benzo(k)fluoranthene	0.002	0.0385	U	0.0385		0.0385	U	0.0385	U	0.0692	
Chrysene	0.002	0.0385	U	0.0538		0.0385	U	0.0538		0.0846	
Naphthalene	10	14		0.0462		0.0385	U	0.585		0.0462	

3.5 TAL METALS

Analysis for the 23 regulated metals on the Target Analyte List identified five elements in one or more groundwater samples at concentrations that exceed AWQSSs. These elements include arsenic, magnesium, manganese, and sodium, and lead which is a listed contaminant of concern for the site. Cadmium, another site contaminant of concern, was not detected in any sample.

A “hit” summary for Metals is included in the table below. The summary table highlights each element that was detected above the applicable ambient water quality standard in one or more samples. The complete laboratory results and qualifier descriptions for the TAL Metals analysis is included as **Table 3**.

Monitoring Well ID York ID Compound	AWQS (µg/L)	MW-01		MW-02		MW-03		MW-04		MW-05	
		18J0190-10		18J0190-09		18J0190-01		18J0190-05		18J0190-07	
		(µg/L)	Q	Result	Q	Result	Q	Result	Q	Result	Q
Arsenic	25	1.11	U	86.0		5.18		10.7		9.10	
Lead	25	2.380		1.11	U	23.8		53.3		1.49	
Magnesium	35,000	26,900		48,800		29,200		46,900		41,800	
Manganese	300	3,050	D	2,890	D	97.8		269		397	
Sodium	20,000	364,000		89,000		35,700		68,800		73,300	
Monitoring Well ID York ID Compound	AWQS (µg/L)	MW-06		MW-07		MW-08		MW-09		MW-10	
		18J0190-03		18J0190-02		18J0190-06		18J0190-04		18J0190-08	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Arsenic	25	1.66		1.79		3.22		1.11	U	15.3	
Lead	25	99.6		13.3		32.1		1.11	U	1.11	U
Magnesium	35,001	35,300		15,700		41,800		46,900		27,200	
Manganese	301	189		512		512		681		897	
Sodium	20,001	23,400		55,300		73,300		68,800		106,000	

3.6 PCBS & PESTICIDES

No PCBS or pesticides were detected in the groundwater samples collected from the Site. The reporting MDL for all compounds were less than applicable AWQS. The results are included in **Table 4**.

3.7 QA/QC Sampling Results

Ethyl benzene was detected in the Trip Blank at a trace, estimated concentration of 0.35 µg/L. The likely source of this detection is the MW-01 sample, which reported ethyl benzene at 400 µg/L.

The field duplicate (CIM-MW-FD) and parent sample (CIM-MW-01) results were very similar, verifying the reproducibility of field sampling and laboratory procedures and also indicating the presence of non-homogeneity within the sample matrix.

The data appear to be representative of actual groundwater conditions on the date of the sampling event, however, the data has not been independently validated.

4.0 DATA REVIEW

The identified site related compounds of concern specified in the SMP include BTEX and MTBE, SVOCs, PCBs, lead and cadmium. The three annual sampling events included analyses for these parameters, and also TCL-VOCs, TCL-SVOCs, and TAL-Metals.

Results of the most recent three sampling events, November 2015, June 2017, and October 2018 are compared in the following sections. The November 2015 event established the baseline for comparison of future results with respect to evaluating the effectiveness of the remedy. Graphical comparison of the results as requested in the SMP is impractical with only three post-remediation data points and has been not been included in this PRR.

4.1 VOCs

No significant concentrations of VOCs have been detected in three consecutive annual sampling events beyond gasoline-related compounds in samples collected from MW-01.

Monitoring Well ID Sampling Date Compound	AWQS (µg/L)	MW-01					
		11/10/15		6/14/17		10/2/18	
		(µg/L)	Q	(µg/L)	Q	(µg/L)	Q
Benzene	1	37		17	D	26	
Ethyl Benzene	5	55		210	D	400	D
Isopropylbenzene	5	1.6		41	D	110	
p- & m- Xylenes	5	5.1		12	U	9.2	
Toluene	5	5.3		5.0	U	6.2	

The data ranges fall in a common order of magnitude, suggesting an overall stable condition with some temporal/seasonal variability.

MTBE has not been detected in MW-01. However, it has historically been detected in wells MW-03 and MW-07 but below the AWQS standard since 2015 as summarized below. These MTBE concentrations appear to be decreasing.

Date	AWQS (µg/L)	MW-03 (µg/L)	MW-07 (µg/L)
11/10/2015	10	11	12
6/13/2017		8.2	6.9
10/2/2018		1.7	5.9

4.2 SVOCs

Several PAHs were reported both at ultra-trace (< 0.1 µg/l) concentrations in samples collected from MW-03, MW-04, MW-07 and MW-08 and at concentrations greater than their applicable standards. In general, parameter concentrations are stable over time.

Naphthalene, a gasoline-range SVOC, was reported at 14 µg/L in 2018 in the sample collected from MW-01. This result is lower than the prior two events but within the same order of magnitude—an indication of seasonal/temporal variability. Naphthalene, along with associated BTEX (benzene, toluene, ethyl benzene, xylenes) compounds, have consistently remained below standards in on-site wells located downgradient from MW-01, suggesting controlled natural attenuation of organic compounds is occurring.

A historic “hit” summary for SVOCs reported above AWQSs in one or more wells is included below.

Monitoring Well ID	AWQS (µg/L)	MW-01						MW-03					
Sample Date		11/10/15		6/14/17		10/2/18		11/10/15		6/13/17		10/1/18	
Compound		(µg/L)	Q	(µg/L)	Q	(µg/L)	Q	(µg/L)	Q	(µg/L)	Q	(µg/L)	Q
Benzo(a)anthracene	0.002	2.56	U	0.0513	U	0.0385	U	0.0513	U	0.0526	U	0.0385	
Benzo(a)pyrene	0.002	2.56	U	0.0513	U	0.0385	U	0.0513	U	0.0526	U	0.0385	
Benzo(b)fluoranthene	0.002	2.56	U	0.0513	U	0.0385	U	0.0513	U	0.0526	U	0.0385	
Benzo(k)fluoranthene	0.002	2.56	U	0.0513	U	0.0385	U	0.0513	U	0.0526	U	0.0385	
Bis(2-ethylhexyl)phthalate	5	2.56	U	0.513	U	0.385	U	0.513	U	0.526	U	0.385	U
Chrysene	0.002	2.56	U	0.0513	U	0.0385	U	0.0513	U	0.0526	U	0.0538	
Naphthalene	10	21.4	D	40.3		14		0.0513		0.0526	U	0.0462	
Monitoring Well ID	AWQS (µg/L)	MW-04						MW-07					
Sample Date		11/11/15		6/14/17		10/2/18		11/10/15		6/13/17		10/1/18	
Compound		(µg/L)	Q	(µg/L)	Q	(µg/L)	Q	(µg/L)	Q	(µg/L)	Q	(µg/L)	Q
Benzo(a)anthracene	0.002	0.0526	U	0.0526	U	0.0385	U	0.0513	U	0.0513	U	0.0615	
Benzo(a)pyrene	0.002	0.0526	U	0.0526	U	0.0385		0.0513	U	0.0513	U	0.0385	U
Benzo(b)fluoranthene	0.002	0.0526	U	0.0526	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U
Benzo(k)fluoranthene	0.002	0.0526	U	0.0526	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U
Bis(2-ethylhexyl)phthalate	5	0.526	U	0.526	U	0.385	U	0.513	U	28.1		0.385	U
Chrysene	0.002	0.0526	U	0.0526	U	0.0385	U	0.0513	U	0.0513	J	0.0538	
Naphthalene	10	0.0526	U	0.0526	U	0.0385	U	0.0513	U	0.0923		0.585	
Monitoring Well ID	AWQS (µg/L)	MW-08											
Sample Date		11/11/15		6/14/17		10/2/18							
Compound		(µg/L)	Q	(µg/L)	Q	(µg/L)	Q						
Benzo(a)anthracene	0.002	0.0632		0.126		0.0846							
Benzo(a)pyrene	0.002	0.0632		0.126		0.0769							
Benzo(b)fluoranthene	0.002	0.0526	U	0.0842		0.0692							
Benzo(k)fluoranthene	0.002	0.0526	U	0.105		0.0692							
Bis(2-ethylhexyl)phthalate	5	24.5		0.674		0.385	U						
Chrysene	0.002	0.0632		0.116		0.0846							
Naphthalene	10	0.0526	U	0.0526	U	0.0462							

4.3 TAL METALS

Cadmium and lead are listed as COCs for the Site. Cadmium has not been detected in on-site wells during the past three consecutive groundwater sampling events.

The concentrations of lead for the past three sampling events are included below. The lead is compared to the AWQS of 25 µg/L with concentrations in excess of the standard highlighted. Concentrations marked with a “B” flag were identified at trace concentrations in the analytical method blank.

LEAD: AWQS = 25 µg/L						
Monitoring Well	Nov 2015		Jun 2017		Oct 2018	
MW-01	8		3	U	2.380	
MW-02	3	U	3	U	1.11	U
MW-03	5		9	B	23.8	
MW-04	47		5	B	53.3	
MW-05	4		3	U	1.49	
MW-06	17		29	B	99.6	
MW-07	15		3	U	13.3	
MW-08	45		43	B	32.1	
MW-09	3	U	3	U	1.11	U
MW-10	3	U	3	U	1.11	U
Hits	7		4		7	
Average	20		22		32	

The 2018 results for lead concentrations are slightly higher than previous events, but considerable fluctuation is observed across the sampling events so it is unknown if this variability is influenced by seasonal variability. Lead is present consistently in the same seven wells over time, while continuing to remain absent in wells MW-02, MW-09, and MW-10. Only wells MW-04, MW-06, and MW-08 have constantly reported lead above the AWQS.

Lead in MW-08, which is the most downgradient of the wells located nearest the disturbed remedial excavation area, has declined since 2015, a possible indication that natural attenuation is occurring as groundwater flows towards the Hudson River.

Arsenic was not identified as a contaminant of concern during the Site remedial phase, but has been historically detected in site wells at relatively low concentrations, with one well (MW-02) consistently reporting elevated levels since 2015. Based on the absence of elevated concentrations elsewhere across the site, the arsenic in MW-02 appears isolated.

Other metals that are not site contaminants of concern that have consistently been reported at levels exceeding AWQSs include magnesium, manganese, and sodium. The source of these metals has not been confirmed; however, they are generally considered benign.

4.4 PCBs and PESTICIDES

No PCBs or pesticides have been detected in groundwater in the three post-remediation sampling events (2015, 2017, and 2018) completed to date.

5.0 SITE EVALUATION

5.1 CONCLUSIONS

The Remedial Action Objectives for the site was to reduce or 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.

The ECs/ICs implemented 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. Since the last PRR was completed in 2017, evidence of soil disturbance was observed near the southwest site corner where a sanitary sewer pumping station is now located within a fenced-in area. Chazen assumes the City of Newburgh and/or its subcontractors complied with the SMP while performing this work.

Overall groundwater quality with respect to site related compounds of concern has remained stable since the remedy was completed.

There are no active remediation units or systems on site that require evaluation, modification, or maintenance.

The lack of detection of BTEX compounds downgradient from MW-01 and MW-09 suggests that the standards will be achieved site-wide for BTEX once they are achieved at these wells.

MTBE has not been detected or has remained below the groundwater standard in all site wells since 2015. MTBE concentrations in wells MW-03 and MW-07 have been steadily decreasing, and indication that natural attenuation is occurring at the site with no evidence of a sustaining source.

Although elevated lead remains in three wells, potentially declining lead concentrations in downgradient well MW-08 since 2015 supports the conclusion that natural attenuation may be occurring at the site. On this basis, site-wide lead concentrations are expected to also decline.

The existing ICs for the site prohibit the use of on-site groundwater as potable water. Additionally, the immediately downgradient receptor of groundwater discharge is the Hudson River. Consequently, site-wide groundwater impacts that exceed applicable AWQs do not pose a potential threat to human health from potential contact or consumption.

There are no known/previously identified sensitive ecological resources downgradient of the site that could be impacted by the migration of the groundwater. Consequently, site-wide groundwater impacts that exceed applicable AWQs do not pose a potential threat to the environment.

Based on the data and known site conditions, the EC/ICs for the site are protective and effective at meeting the Remedial Action Goals for the Site. Continued monitoring to document stable or improving conditions is warranted and sufficient.

5.2 RECOMMENDATIONS

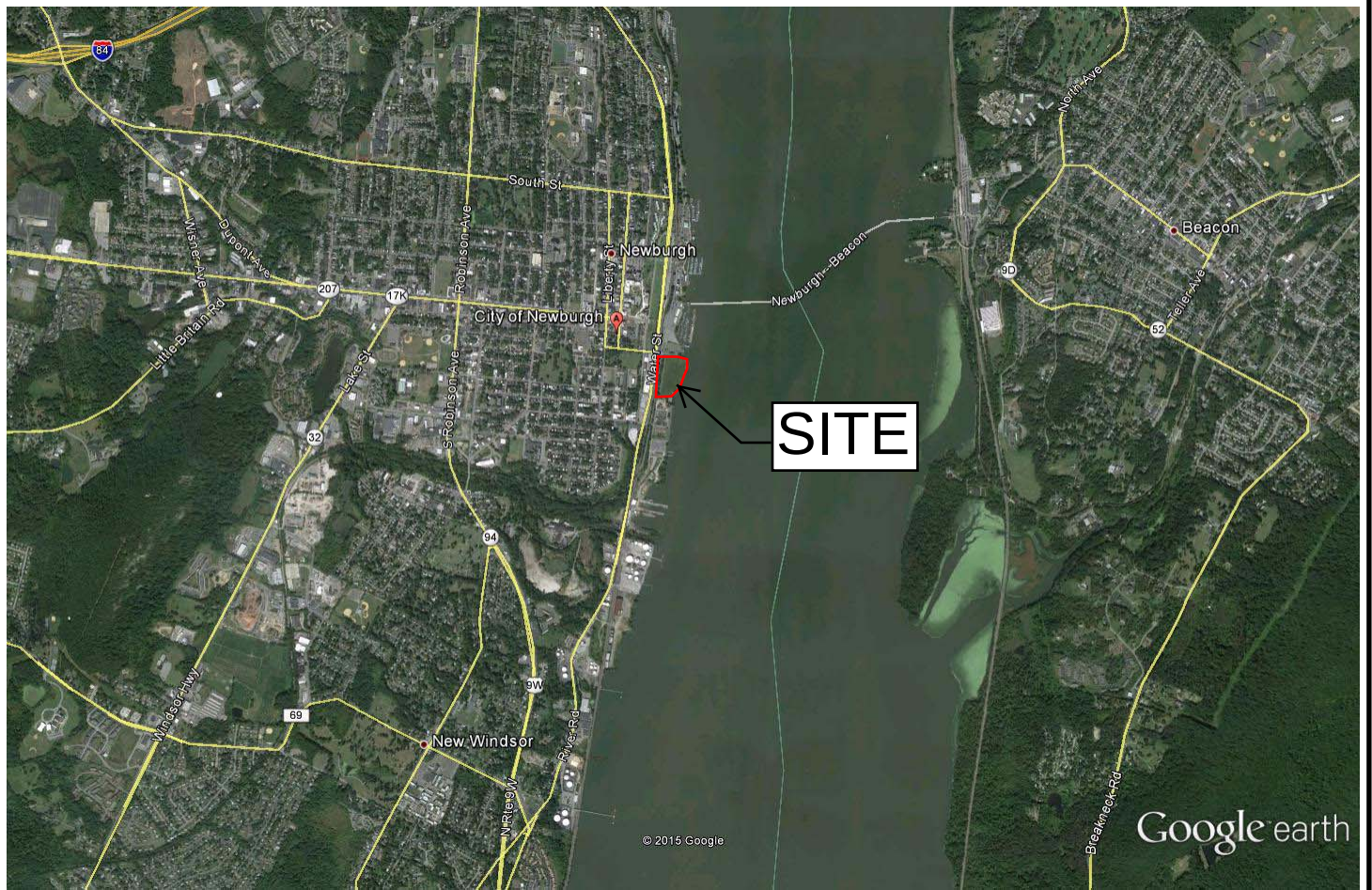
Based on the established groundwater quality record for the Site, which now includes three post-remedy annual sampling events, the following modifications to the sampling program appear to be warranted based on the generally stable groundwater quality conditions and a continued absence or de minimis concentration of compounds of concern in many site monitoring wells. The following recommendations and rationale for changes in the site-wide sampling program are provided for consideration.

1. Remove analysis of PCBs and Pesticides from the monitoring program.
 - a. No PCBs have been detected in three consecutive post-remedial sampling rounds and the MDLs for PCB analysis in all three rounds have been less than the applicable AWQSS;
 - b. No EPA TCL Pesticides have been detected in the groundwater for three consecutive post-13remedial sampling events and the MDLs have been less than the applicable AWQSS;
2. For VOC and SVOC analyses, change reported compound list from EPA TCL to NYSDEC CP-51.
 - a. Significant detections of VOCs and SVOCs in site wells have almost been exclusively limited to gasoline and fuel-oil range compounds. A change to the reported lists would focus analysis in a cost-effective manner on the confirmed site contaminants of concern.
3. Replace TAL analysis with analysis for lead only.
 - a. Although several metals were reported at elevated concentrations, lead is the only identified site-related COC reported in the groundwater. There seems to be no reason to suspect that any other metals observed in the groundwater are related to historical site activities. Therefore, only continued assessment for lead appears necessary for evaluation of the site remedy.
4. Remove wells MW-02, MW-05, MW-06, and MW-10 from the sampling schedule;
 - a. The site contaminants of concern have remained either undetected or below standards in these wells for the past three sampling events.
5. Change PRR frequency from one year to three years.
 - a. The results of three consecutive sampling events suggests that the site conditions are relatively stable and probably improving with no significant impacts or threat to human health or the environment.
 - b. No residual source remains on-site to cause further degradation of groundwater quality.
 - c. Site conditions are not expected to change significantly.
 - d. The annual site inspection can be continued and reported with the periodic sampling reports with evaluation of the remedy once the data set is large enough to assess meaningful trends.
6. The SMP specifies that site inspections will be performed at least once per year and after each “severe-weather” event. It does not define a severe-weather event nor establish the criteria for

defining an event. We recommend either that a useable metric be established to define a “sever-weather” event for additional inspections or that this provision be removed from the SMP.

7. Low-flow sampling should be specified in the SMP for future sampling events.

FIGURES



Google earth



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FIGURE 1
SITE LOCATION MAP

Former Consolidated Iron Site
Washington Street
Newburgh, NY



THE Chazen COMPANIES
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**Former Consolidated Iron and Metal Site
Groundwater Elevations
November 2018**

Washington Street
City of Newburgh, Orange County, New York

Source: Orange County 2016 Parcel Data; NYS Department of Transportation 2008 Roads Dataset; NYS Office of Technology 2013 Orthophoto Data

Drawn:	STF
Date:	11/28/2018
Scale:	1 inch equals 100 feet
Project:	41548.00
Figure:	3

TABLES

TABLE NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

TABLE 4
Laboratory Analytical Results for PCBs and Pesticides
Former Consolidated Iron and Metal Site

Monitoring Well ID	NYSDEC TOGS Standards and Guidance Values - GA	MW-01						MW-02						MW-03						MW-04						MW-05					
Sample ID		CIM-MW-01						CIM-MW-02						CIM-MW-03						CIM-MW-04						CIM-MW-05					
York ID		15K0438-01		17F0627-10		18J0190-10		15K0438-02		17F0627-09		18J0190-09		15K0438-07		17F0627-02		18J0190-01		15K0438-12		17F0627-05		18J0190-05		15K0438-03		17F0627-06		18J0190-07	
Sampling Date		11/10/15		6/14/17		10/2/18		11/10/15		6/14/17		10/2/18		11/10/15		6/13/17		10/1/18		11/11/15		6/14/17		10/2/18		10/10/15		6/14/17		10/2/18	
Client Matrix	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		
Compound	Result	Q	Result	Q	Result	Q	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	5.0	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	0.200	U	0.20	U
1,1,2,2-Tetrachloroethane	5	0.20	U	5.0	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	0.20	U	0.20	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	0.20	U	5.0	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	0.20	U	0.20	U
1,1,2-Trichloroethane	1	0.20	U	5.0	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	0.20	U	0.20	U
1,1-Dichloroethane	5	0.20	U	5.0	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	0.20	U	0.20	U
1,1-Dichloroethylene	5	0.20	U	5.0	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	0.20	U	0.20	U
1,2,3-Trichlorobenzene	5	0.20	U	5.0	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	0.20	U	0.20	U
1,2,4-Trichlorobenzene	5	0.20	U	5.0	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	0.20	U	0.20	U
1,2-Dibromo-3-chloropropane	0.04	0.20	U	5.0	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	0.20	U	0.20	U
1,2-Dibromoethane	0.0006	0.20	U	5.0	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	0.20	U	0.20	U
1,2-Dichlorobenzene	3	0.20	U	5.0	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	0.20	U	0.20	U
1,2-Dichloroethane	0.6	0.20	U	5.0	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	0.20	U	0.20	U
1,2-Dichloropropane	1	0.20	U	5.0	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	0.20	U	0.20	U
1,3-Dichlorobenzene	3	0.20	U	5.0	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	0.20	U	0.20	U
1,4-Dichlorobenzene	3	0.20	U	5.0	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	0.20	U	0.20	U
2-Butanone	50	4.3		5.0	U	0.81		0.20	U	0.34	J	0.20	U	0.20	U	0.20	U	26		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
2-Hexanone	50	0.20	U	5.0	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	0.20	U	0.20	U
4-Methyl-2-pentanone	~	0.20	U	5.0	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	0.20	U	0.20	U
Acetone	50	11		25	U	1.0	U	1.4	J	6.20		1.0	U	1.6	J	1.5	JB	23		1.3	J	1.2	JB	1.1	J	1.4	J	1.7	JB	2.30	
Benzene	1	37		17	D	26		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
Bromochloromethane	5	0.20	U	5.0	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	0.20	U	0.20	U
Bromodichloromethane	50	0.20	U	5.0	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	0.20	U	0.20	U
Bromoform	50	0.20	U	5.0	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	0.20	U	0.20	U
Bromomethane	5	0.20	U	5.0	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	0.20	U	0.20	U
Carbon disulfide	~	0.20	U	5.0	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	2.9		0.33	J	0.20	U	0.20	U	0.20	U	0.20	U	0.65		0.20	U
Carbon tetrachloride	5	0.20	U	5.0	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	0.20	U	0.20	U
Chlorobenzene	5	0.20	U	5.0	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	0.20	U	0.20	U
Chloroethane	5	0.20	U	5.0	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	0.20	U	0.20	U
Chloroform	7	0.20	U	5.0	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	0.20	U	0.20	U
Chloromethane	5	0.20	U	5.0	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	0.20	U	0.20	U
cis-1,2-Dichloroethylene	5	0.20	U	5.0	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	0.20	U	0.20	U
cis-1,3-Dichloropropylene	0.4	0.20	U	5.0	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	0.20	U	0.20	U
Cyclohexane	~	130		5.0	U	140	D	0.20	U	0.20	U	0.20	U	0.24	J	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.31	J	0.20	U	0.31	J
Dibromochloromethane	50	0.20	U	5.0	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	0.20	U	0.20	U
Dichlorodifluoromethane	5	0.20	U	5.0	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	0.20	U	0.20	U
Ethyl Benzene	5	55		210	D	400	D	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
Isopropylbenzene	5	1.6		41	D	110		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 acetate	~	0.20	U	5.0	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	0.20	U	0.20	U
Methyl tert-butyl ether (MTBE)	10	0.20	U	5.0	U	0.20	U	0.88		0.83		0.79		11		8.2		1.7		2.0		2.2		2.7		5.6		4.1		4.0	
Methylcyclohexane	~	30		18	D	81		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
Methylene chloride	5	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
o-Xylene	5	0.48	J	5.0	U	1.1		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
p- & m- Xylenes	5	5.1		12	U	9.2		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	0.50	U
Styrene	5	0.20	U	5.0	U	0.2	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	0.20	U
Tetrachloroethylene	5	0.20	U	5.0	U	0.2	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	0.20	U
Toluene	5	5.3		5.0	U	6.2		0.20	U	0.40	J	0.42	J	0.20	U	0.20	U	0.28	J	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	5.0	U	0.2	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20</											

TABLE 4
Laboratory Analytical Results for PCBs and Pesticides
Former Consolidated Iron and Metal Site

Monitoring Well ID	NYSDEC TOGS Standards and Guidance Values - GA	MW-06						MW-07						MW-08						MW-09						MW-10					
Sample ID		CIM-MW-06						CIM-MW-07						CIM-MW-08						CIM-MW-09						CIM-MW-10					
York ID		15K0438-10		17F0627-07		18J0190-03		15K0438-08		17F0627-03		18J0190-02		15K0438-11		17F0627-04		18J0190-06		15K0438-09		17F0627-01		18J0190-04		15K0438-04		17F0627-08		18J0190-08	
Sampling Date		11/11/15	6/14/17	10/1/18	11/10/15	6/13/17	10/1/18	11/10/15	6/13/17	10/1/18	11/11/15	6/14/17	10/2/18	11/10/15	6/14/17	10/2/18	11/10/15	6/13/17	10/2/18	11/10/15	6/13/17	10/2/18	11/10/15	6/14/17	10/2/18	11/10/15	6/14/17	10/2/18	11/10/15	6/14/17	10/2/18
Client Matrix		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Compound		Result	Q	Result	Q	Result	Q	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	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	0.20	U	0.20	U	0.20	U
1,1,2-Trichloro-1,2,2-trifluoroethane	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	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	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	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	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	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	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	0.20	U	0.20	U	0.20	U
1,2-Dibromoethane	0.0006	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	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	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	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	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	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	0.20	U	0.20	U	0.20	U
2-Butanone	50	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.89	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	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	2.1	U	0.20	U	0.20	U	0.20	U	0.20	U	0.48	JB	0.20	U	0.20	U	0.20	U	0.20	U
Acetone	50	1.0	U	1.2	JB	1.0	U	1.0	U	4.2	B	2.6	U	1.0	U	1.2	JB	1.0	U	1.2	J	1.0	U	1.0	U	2.1	U	1.0	U	1.0	U
Benzene	1	0.20	U	0.20	U	0.20	U	0.20	U	0.41	J	1.3	U	0.20	U	0.20	U	0.20	U	0.20	U	1.2	U	0.71	U	0.32	J	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	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	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	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	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	0.45	J	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	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	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	0.25	J	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	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	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	0.20	U	0.20	U	0.20	U	0.37	J	0.48	J	0.38	J	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	0.20	U	0.20	U	0.20	U

TABLE 4
Laboratory Analytical Results for PCBs and Pesticides
Former Consolidated Iron and Metal Site

Monitoring Well ID	NYSDEC TOGS Standards and Guidance Values - GA	MW-01						MW-02						MW-03						MW-04						MW-05					
Sample ID		CIM-MW-01						CIM-MW-02						CIM-MW-03						CIM-MW-04						CIM-MW-05					
York ID		15K0438-01	17F0627-10		18J0190-10		15K0438-02	17F0627-09		18J0190-09		15K0438-07	17F0627-02		18J0190-01		15K0438-12	17F0627-05		18J0190-05		15K0438-03	17F0627-06		18J0190-07		15K0438-03	17F0627-06		18J0190-07	
Sampling Date		11/10/15	6/14/17		10/2/18		11/10/15	6/14/17		10/2/18		11/10/15	6/13/17		10/1/18		11/11/15	6/14/17		10/2/18		10/10/15	6/14/17		10/2/18		10/10/15	6/14/17		10/2/18	
Client Matrix		Water	Water		Water		Water	Water		Water		Water	Water		Water		Water	Water		Water		Water	Water		Water		Water	Water		Water	
Compound		Result	Q	Result	Q	Result	Q	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	NA		1.92	U	2.56	U	NA		1.92	U	2.56	U	NA		1.92	U	2.63	U	NA		1.92	U	2.56	U	NA		1.92	U
1,2,4,5-Tetrachlorobenzene	~	2.56	U	NA		1.92	U	2.56	U	NA		1.92	U	2.56	U	NA		1.92	U	2.63	U	NA		1.92	U	2.56	U	NA		1.92	U
2,4,5-Trichlorophenol	1	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
2,4,6-Trichlorophenol	1	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
2,4-Dichlorophenol	5	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
2,4-Dimethylphenol	50	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
2,4-Dinitrophenol	10	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
2,4-Dinitrotoluene	5	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
2,6-Dinitrotoluene	5	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
2-Chloronaphthalene	10	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
2-Chlorophenol	1	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
2-Methylnaphthalene	~	8.15		4.84	J	5.57		2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
2-Methylphenol	1	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
2-Nitroaniline	5	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
2-Nitrophenol	1	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
3- & 4-Methylphenols	~	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	5.64		2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
3,3-Dichlorobenzidine	5	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
3-Nitroaniline	5	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
4,6-Dinitro-2-methylphenol	~	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
4-Bromophenyl phenyl ether	~	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
4-Chloro-3-methylphenol	1	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
4-Chloroaniline	5	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
4-Chlorophenyl phenyl ether	~	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
4-Nitroaniline	5	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
4-Nitrophenol	1	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
Acenaphthene	20	2.56	U	0.164		0.100		0.0513	U	0.0513	U	0.0385	U	1.74		0.695		0.115		0.0526	U	0.0526	U	0.0385	U	0.554		0.811		0.754	
Acenaphthylene	~	2.56	U	0.0718		0.0385	U	0.0513	U	0.0513	U	0.0385	U	0.082		0.0526	J	0.0385	U	0.0526	U	0.0526	U	0.0385	U	0.0513		0.105		0.0846	
Acetophenone	~	2.56	U	NA		1.92	U	2.56	U	NA		1.92	U	2.56	U	NA		1.92	U	2.63	U	NA		1.92	U	2.56	U	NA		1.92	U
Anthracene	50	2.56	U	0.0615		0.0462		0.0513	U	0.0513	U	0.0385	U	0.308		0.116		0.0462		0.0526	U	0.0526	U	0.0385	U	0.0821		0.116		0.108	
Atrazine	~	2.56	U	NA		0.385	U	0.513	U	NA		0.385	U	0.513	U	NA		0.385	U	0.526	U	NA		0.385	U	0.513	U	NA		0.385	U
Benzaldehyde	~	2.56	U	NA		1.92	U	2.56	U	NA		1.92	U	2.56	U	NA		1.92	U	2.63	U	NA		1.92	U	2.56	U	NA		1.92	U
Benzo(a)anthracene	0.002	2.56	U	0.0513	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U	0.0513	U	0.0526	U	0.0385	U	0.0526	U	0.0526	U	0.0385	U	0.0513	U	0.0526	U	0.0385	U
Benzo(a)pyrene	0.002	2.56	U	0.0513	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U	0.0513	U	0.0526	U	0.0385	U	0.0526	U	0.0526	U	0.0385	U	0.0513	U	0.0526	U	0.0385	U

TABLE 4
Laboratory Analytical Results for PCBs and Pesticides
Former Consolidated Iron and Metal Site

Monitoring Well ID	NYSDEC TOGS Standards and Guidance Values - GA	MW-06						MW-07						MW-08						MW-09						MW-10					
Sample ID		CIM-MW-06						CIM-MW-07						CIM-MW-08						CIM-MW-09						CIM-MW-10					
York ID		15K0438-10	17F0627-07	18J0190-03			15K0438-08	17F0627-03	18J0190-02			15K0438-11	17F0627-04	18J0190-06			15K0438-09	17F0627-01	18J0190-04			15K0438-04	17F0627-08	18J0190-08			15K0438-04	17F0627-08	18J0190-08		
Sampling Date		11/11/15	6/14/17	10/1/18			11/10/15	6/13/17	10/1/18			11/11/15	6/14/17	10/2/18			11/10/15	6/13/17	10/2/18			11/10/15	6/14/17	10/2/18			11/10/15	6/14/17	10/2/18		
Client Matrix		Water	Water	Water			Water	Water	Water			Water	Water	Water			Water	Water	Water			Water	Water	Water			Water	Water	Water		
Compound		Result	Q	Result	Q	Result	Q	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	NA		1.92	U	2.56	U	NA		1.92	U	2.63	U	NA		1.92	U	2.56	U	NA		1.92	U	2.56	U	NA		1.92	U
1,2,4,5-Tetrachlorobenzene	~	2.56	U	NA		1.92	U	2.56	U	NA		1.92	U	2.63	U	NA		1.92	U	2.56	U	NA		1.92	U	2.56	U	NA		1.92	U
2,4,5-Trichlorophenol	1	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U
2,4,6-Trichlorophenol	1	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U
2,4-Dichlorophenol	5	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U
2,4-Dimethylphenol	50	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U
2,4-Dinitrophenol	10	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U
2,4-Dinitrotoluene	5	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U
2,6-Dinitrotoluene	5	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U
2-Chloronaphthalene	10	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U
2-Chlorophenol	1	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U
2-Methylnaphthalene	~	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U
2-Methylphenol	1	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U
2-Nitroaniline	5	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U
2-Nitrophenol	1	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U
3- & 4-Methylphenols	~	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U
3,3-Dichlorobenzidine	5	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U
3-Nitroaniline	5	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U
4,6-Dinitro-2-methylphenol	~	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U
4-Bromophenyl phenyl ether	~	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U
4-Chloro-3-methylphenol	1	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U
4-Chloroaniline	5	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U
4-Chlorophenyl phenyl ether	~	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U
4-Nitroaniline	5	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U
4-Nitrophenol	1	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U
Acenaphthene	20	0.16		0.0526	U	0.0385	U	0.831		1.08		0.646		0.0526	U	0.189		0.0538		0.0513	U	0.0513	U	0.0385	U	0.0821		0.174		0.362	
Acenaphthylene	~	0.062		0.0526	U	0.0385	U	0.051	U	0.0718		0.0385		0.0526	U	0.0526	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U
Acetophenone	~	2.56	U	NA		1.92	U	2.56	U	NA		1.92	U	2.63	U	NA		1.92	U	2.56	U	NA		1.92	U	2.56	U	NA		1.92	U
Anthracene	50	0.051	U	0.0526	U	0.0385	U	0.246		0.267		0.208		0.0526		0.0632		0.0538		0.0513	U	0.0513	U	0.0385	U	0.0513	U	0.0513	U	0.0462	
Atrazine	~	0.513	U	NA		0.385	U	0.513	U	NA		0.385	U	0.526	U	NA		0.385	U	0.513	U	NA		0.385	U	0.513	U	NA		0.385	U
Benzaldehyde	~	2.56	U	NA		1.92	U	2.56	U	NA		1.92	U	2.63	U	NA		1.92	U	2.56	U	NA		1.92	U	2.56	U	NA		1.92	U
Benzo(a)anthracene	0.002	0.0513	U	0.0526	U	0.0385	U	0.0513	U	0.0513	U	0.0615		0.0632		0.126		0.0846		0.0513	U	0.0513	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U
Benzo(a)pyrene	0.002	0.0513	U	0.0526	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U	0.0632		0.126		0.0769		0.0513	U	0.0513	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U

TABLE 4
Laboratory Analytical Results for PCBs and Pesticides
Former Consolidated Iron and Metal Site

Monitoring Well ID	NYSDEC TOGS Standards and Guidance Values - GA	MW-01						MW-02						MW-03						MW-04						MW-05					
Sample ID		CIM-MW-01						CIM-MW-02						CIM-MW-03						CIM-MW-04						CIM-MW-05					
York ID		15K0438-01		17F0627-10		18J0190-10		15K0438-02		17F0627-09		18J0190-09		15K0438-07		17F0627-02		18J0190-01		15K0438-12		17F0627-05		18J0190-05		15K0438-03		17F0627-06		18J0190-07	
Sampling Date		11/10/15		6/14/17		10/2/18		11/10/15		6/14/17		10/2/18		11/10/15		6/13/17		10/1/18		11/11/15		6/14/17		10/2/18		10/10/15		6/14/17		10/2/18	
Client Matrix		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
Benzo(b)fluoranthene	0.002	2.56	U	0.0513	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U	0.0513	U	0.0526	U	0.0385		0.0526	U	0.0526	U	0.0385	U	0.0513	U	0.0526	U	0.0385	U
Benzo(g,h,i)perylene	~	2.56	U	0.0513	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U	0.0513	U	0.0526	U	0.0385		0.0526	U	0.0526	U	0.0385	U	0.0513	U	0.0526	U	0.0385	U
Benzo(k)fluoranthene	0.002	2.56	U	0.0513	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U	0.0513	U	0.0526	U	0.0385		0.0526	U	0.0526	U	0.0385	U	0.0513	U	0.0526	U	0.0385	U
Benzyl butyl phthalate	50	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
Bis(2-chloroethoxy)methane	5	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
Bis(2-chloroethyl)ether	1	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
Bis(2-chloroisopropyl)ether	5	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
Bis(2-ethylhexyl)phthalate	5	2.56	U	0.513	U	0.385	U	0.513	U	0.513	U	0.385	U	0.513	U	0.526	U	0.385	U	0.526	U	0.526	U	0.385	U	0.513	U	0.526	U	0.385	U
Caprolactam	~	2.56	U	NA		1.92	U	2.56	U	NA		1.92	U	2.56	U	NA		1.92	U	2.63	U	NA		1.92	U	2.56	U	NA		1.92	U
Carbazole	~	2.56	U	NA		1.92	U	2.56	U	NA		1.92	U	2.56	U	NA		1.92	U	2.63	U	NA		1.92	U	2.56	U	NA		1.92	U
Chrysene	0.002	2.56	U	0.0513	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U	0.0513	U	0.0526	U	0.0385		0.0526	U	0.0526	U	0.0385	U	0.0513	U	0.0526	U	0.0385	U
Dibenzo(a,h)anthracene	~	2.56	U	0.0513	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U	0.0513	U	0.0526	U	0.0385	U	0.0526	U	0.0526	U	0.0385	U	0.0513	U	0.0526	U	0.0385	U
Dibenzofuran	~	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
Diethyl phthalate	50	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
Dimethyl phthalate	50	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
Di-n-butyl phthalate	50	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
Di-n-octyl phthalate	50	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
Fluoranthene	50	2.56	U	0.0923		0.0538		0.0513	U	0.0513	U	0.0385	U	0.533		0.337		0.108		0.0526	U	0.0526	U	0.0615		0.410		0.853		0.738	
Fluorene	50	2.56	U	0.154		0.0846		0.215		0.0513	U	0.0385	U	1.18		0.337		0.108		0.316		0.0526	U	0.0385	U	0.338		0.779		0.562	
Hexachlorobenzene	0.04	2.56	U	0.0205	U	0.0154	U	0.0205	U	0.0205	U	0.0154	U	0.0205	U	0.0211	U	0.0154	U	0.0211	U	0.0211	U	0.0154	U	0.0205	U	0.0211	U	0.0154	U
Hexachlorobutadiene	0.5	2.56	U	0.513	U	0.385	U	0.513	U	0.513	U	0.385	U	0.513	U	0.526	U	0.385	U	0.526	U	0.526	U	0.385	U	0.513	U	0.526	U	0.385	U
Hexachlorocyclopentadiene	5	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
Hexachloroethane	5	2.56	U	0.513	U	0.385	U	0.513	U	0.513	U	0.385	U	0.513	U	0.526	U	0.385	U	0.526	U	0.526	U	0.385	U	0.513	U	0.526	U	0.385	U
Indeno(1,2,3-cd)pyrene	0.002	2.56	U	0.0513	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U	0.0513	U	0.0526	U	0.0385	U	0.053	U	0.0526	U	0.0385	U	0.0513	U	0.0526	U	0.0385	U
Isophorone	50	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.63	U	1.92	U
Naphthalene	10	21.4	D	40.3		14		0.0513	U	0.0513	U	0.0385	U	0.0513		0.0526	U	0.0462		0.0526	U	0.0526	U	0.0385	U	0.0615		0.0526	U	0.0385	
Nitrobenzene	0.4	2.56	U	0.256	U	0.192	U	0.256	U	0.256	U	0.192	U	0.256	U	0.263	U	0.192	U	0.263	U	0.263	U	0.192	U	0.256	U	0.263	U	0.192	U
N-nitroso-di-n-propylamine	~	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.630	U	1.92	U	2.56	U	2.63	U	1.92	U
N-Nitrosodiphenylamine	50	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	1.92	U	2.63	U	2.630	U	1.92	U	2.56	U	2.63	U	1.92	U
Pentachlorophenol	1	2.56	U	0.256	U	0.192	U	0.256	U	0.256	U	0.192	U	0.256	U	0.263	U	0.192	U	0.263	U	0.263	U	0.192	U	0.256	U	0.263	U	0.192	U
Phenanthrene	50	2.56	U	0.154		0.115		0.0513	U	0.0513	U	0.0385	U	1.28		0.442		0.108		0.0526	U	0.0526	U	0.0615		0.338		0.632		0.608	
Phenol	1	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.63	U	2.07	J	2.63	U	2.630	U	1.92	U	2.56	U	2.63	U	1.92	U
Pyrene	50	2.56	U	0.0821		0.0462		0.0513	U	0.0513	U	0.0385	U	0.431		0.253		0.162		0.0632		0.0526	U	0.0538		0.441		0.916		0.831	

TABLE 4
Laboratory Analytical Results for PCBs and Pesticides
Former Consolidated Iron and Metal Site

Monitoring Well ID	NYSDEC TOGS Standards and Guidance Values - GA	MW-06						MW-07						MW-08						MW-09						MW-10							
Sample ID		CIM-MW-06						CIM-MW-07						CIM-MW-08						CIM-MW-09						CIM-MW-10							
York ID		15K0438-10		17F0627-07		18J0190-03		15K0438-08		17F0627-03		18J0190-02		15K0438-11		17F0627-04		18J0190-06		15K0438-09		17F0627-01		18J0190-04		15K0438-04		17F0627-08		18J0190-08			
Sampling Date		11/11/15		6/14/17		10/1/18		11/10/15		6/13/17		10/1/18		11/11/15		6/14/17		10/2/18		11/10/15		6/13/17		10/2/18		11/10/15		6/14/17		10/2/18			
Client Matrix		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water			
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
Benzo(b)fluoranthene	0.002	0.0513	U	0.0526	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U	0.0526	U	0.0842		0.0692		0.0513	U	0.0513	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U	0.0385	U
Benzo(g,h,i)perylene	~	0.0513	U	0.0526	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U	0.0526	U	0.0842		0.0615		0.0513	U	0.0513	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U	0.0385	U
Benzo(k)fluoranthene	0.002	0.0513	U	0.0526	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U	0.0526	U	0.105		0.0692		0.0513	U	0.0513	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U	0.0385	U
Benzyl butyl phthalate	50	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	2.56	U	1.92	U
Bis(2-chloroethoxy)methane	5	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	2.56	U	1.92	U
Bis(2-chloroethyl)ether	1	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	2.56	U	1.92	U
Bis(2-chloroisopropyl)ether	5	2.56	U	2.63	U	1.92	U	2.56	U	2.560	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	2.56	U	1.92	U
Bis(2-ethylhexyl)phthalate	5	0.513	U	0.968		0.385	U	0.513	U	28.1		0.385	U	24.5		0.674		0.385	U	0.677		0.513	U	0.385	U	1.38		0.513	U	0.385	U	0.385	U
Caprolactam	~	2.56	U	NA		1.92	U	2.56	U	NA		1.92	U	2.63	U	NA		1.92	U	2.56	U	NA		1.92	U	2.56	U	NA		1.92	U	1.92	U
Carbazole	~	2.56	U	NA		1.92	U	2.56	U	NA		1.92	U	2.63	U	NA		1.92	U	2.56	U	NA		1.92	U	2.56	U	NA		1.92	U	1.92	U
Chrysene	0.002	0.0513	U	0.0526	U	0.0385	U	0.0513	U	0.0513	J	0.0538		0.0632		0.116		0.0846		0.0513	U	0.0513	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U	0.0385	U
Dibenzo(a,h)anthracene	~	0.0513	U	0.0526	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U	0.0526	U	0.0526	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U	0.0385	U
Dibenzofuran	~	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	2.56	U	1.92	U
Diethyl phthalate	50	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	2.56	U	1.92	U
Dimethyl phthalate	50	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	2.56	U	1.92	U
Di-n-butyl phthalate	50	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	2.56	U	1.92	U
Di-n-octyl phthalate	50	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	2.56	U	1.92	U
Fluoranthene	50	0.0513	U	0.0526	U	0.0385	U	0.441		0.667		0.462		0.168		0.326		0.215		0.0513	U	0.0513	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U	0.0385	U
Fluorene	50	0.0513	U	0.0526	U	0.192		0.533		0.595		0.446		0.0526	U	0.0526	J	0.0538		0.0513	U	0.0513	U	0.0385	U	0.523		0.0513	U	0.0385	U	0.0385	U
Hexachlorobenzene	0.04	0.0205	U	0.0211	U	0.0154	U	0.0205	U	0.0205	U	0.0154	U	0.0211	U	0.0211	U	0.0154	U	0.0205	U	0.0205	U	0.0154	U	0.0205	U	0.0205	U	0.0205	U	0.0154	U
Hexachlorobutadiene	0.5	0.513	U	0.526	U	0.385	U	0.513	U	0.513	U	0.385	U	0.526	U	0.526	U	0.385	U	0.513	U	0.513	U	0.385	U	0.513	U	0.513	U	0.385	U	0.385	U
Hexachlorocyclopentadiene	5	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	2.56	U	1.92	U
Hexachloroethane	5	0.513	U	0.526	U	0.385	U	0.513	U	0.513	U	0.385	U	0.526	U	0.526	U	0.385	U	0.513	U	0.513	U	0.385	U	0.513	U	0.513	U	0.385	U	0.385	U
Indeno(1,2,3-cd)pyrene	0.002	0.0513	U	0.0526	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U	0.0526	U	0.0737		0.0538		0.0513	U	0.0513	U	0.0385	U	0.0513	U	0.0513	U	0.0385	U	0.0385	U
Isophorone	50	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	2.56	U	1.92	U
Naphthalene	10	0.0513	U	0.0526	U	0.0385	U	0.0513	U	0.0923		0.585		0.0526	U	0.0526	U	0.0462		0.0513	U	0.0513	U	0.0385	U	0.144		0.0513	U	0.0385	U	0.0385	U
Nitrobenzene	0.4	0.256	U	0.263	U	0.192	U	0.256	U	0.256	U	0.192	U	0.263	U	0.263	U	0.192	U	0.256	U	0.256	U	0.192	U	0.256	U	0.256	U	0.256	U	0.192	U
N-nitroso-di-n-propylamine	~	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	2.56	U	1.92	U
N-Nitrosodiphenylamine	50	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.56	U	2.56	U	1.92	U
Pentachlorophenol	1	0.256	U	0.263	U	0.192	U	0.256	U	0.256	U	0.192	U	0.26	U	0.263	U	0.192	U	0.256	U	0.256	U	0.192	U	0.256	U	0.256	U	0.256	U	0.192	U
Phenanthrene	50	0.0513	U	0.0526	U	0.0385	U	1.17		1.67		1.17		0.105		0.168		0.192		0.0513	U	0.0513	U	0.0385	U	0.0513	U	0.144		0.285		0.285	
Phenol	1	2.56	U	2.63	U	1.92	U	2.56	U	2.56	U	13.0		2.63	U	2.63	U	1.92	U	2.56	U	2.56	U	1.92	U	2.56	U	2.560	U	2.560	U	1.92	U
Pyrene	50	0.0513	U	0.0526	U	0.0385	U	0.462		0.513		0.338		0.0526	U	0.253		0.177		0.0513	U	0.0513	U	0.0385	U	0.164		0.0513	U	0.0385	U	0.0385	U

TABLE 4
Laboratory Analytical Results for PCBs and Pesticides
Former Consolidated Iron and Metal Site

Monitoring Well ID	NYSDEC TOGS Standards and Guidance Values - GA	MW-01						MW-02						MW-03						MW-04						MW-05					
Sample ID		CIM-MW-01						CIM-MW-02						CIM-MW-03						CIM-MW-04						CIM-MW-05					
York ID		15K0438-01		17F0627-10		18J0190-10		15K0438-02		17F0627-09		18J0190-09		15K0438-07		17F0627-02		18J0190-01		15K0438-12		17F0627-05		18J0190-05		15K0438-03		17F0627-06		18J0190-07	
Sampling Date		11/10/15		6/14/17		10/2/18		11/10/15		6/14/17		10/2/18		11/10/15		6/13/17		10/1/18		11/11/15		6/14/17		10/2/18		10/10/15		6/14/17		10/2/18	
Client Matrix		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Aluminum	~	56	U	56	U	11.1	U	56	U	56	U	32.5	U	56	U	56	U	736	U	2,100	U	115	U	534	U	56	U	56	U	26.9	U
Antimony	3	6	U	7	B	1.11	U	6	U	6	U	1.11	U	6	U	6	U	1.11	U	6	U	6	U	1.11	U	6	U	6	U	1.11	U
Arsenic	25	5	U	4	U	1.11	U	38	U	33	U	86.0	U	15	U	18	U	5.18	U	16	U	9	U	10.7	U	6	U	4	U	9.10	U
Barium	1000	171	U	139	U	145	U	287	U	280	U	382	U	618	U	586	U	219	U	244	U	202	U	269	U	207	U	168	U	231	U
Beryllium	3	1	U	1	U	0.333	U	1	U	1	U	0.333	U	1	U	1	U	0.333	U	1	U	1	U	0.333	U	1	U	1	U	0.333	U
Cadmium	5	3	U	3	U	0.556	U	3	U	3	U	0.556	U	3	U	3	U	0.556	U	3	U	3	U	0.556	U	3	U	3	U	0.556	U
Calcium	~	238,000	U	163,000	U	165,000	U	146,000	U	140,000	U	193,000	U	81,400	U	83,900	U	110,000	U	61,800	U	54,700	U	66,900	U	102,000	U	109,000	U	131,000	U
Chromium	50	6	U	6	U	1.11	U	14	U	6	U	1.11	U	6	U	6	U	1.66	U	6	U	6	U	1.11	U	6	U	6	U	1.11	U
Cobalt	~	6	U	6	U	1.11	U	6	U	6	U	1.65	U	6	U	6	U	1.11	U	6	U	6	U	1.11	U	6	U	6	U	1.11	U
Copper	200	15	U	4	U	1.11	U	17	U	3	U	1.11	U	13	U	5	U	3.94	U	27	U	6	U	3.59	U	17	U	5	U	1.11	U
Iron	~	13,100	U	5,650	U	6,460	U	34,900	U	34,200	U	52,100	D	24,000	U	27,000	U	6,740	U	12,200	U	8,660	U	9,930	U	14,100	U	10,800	U	10,400	U
Lead	25	8	U	3	U	2.380	U	3	U	3	U	1.11	U	5	U	9	B	23.8	U	47	U	5	B	53.3	U	4	U	3	U	1.49	U
Magnesium	35,000	38,200	U	24,800	U	26,900	U	33,100	U	36,400	U	48,800	U	58,800	U	49,800	U	29,200	U	43,700	U	41,200	U	46,900	U	32,500	U	37,300	U	41,800	U
Manganese	300	6,010	U	3,730	U	3,050	D	2,060	U	2,330	U	2,890	D	309	U	276	U	97.8	U	279	U	215	U	269	U	571	U	381	U	397	U
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	0.20	U	0.20	U	0.20	U
Nickel	100	6	U	6	U	1.11	U	6	U	6	U	1.11	U	6	U	6	U	2.85	U	6	U	6	U	1.20	U	6	U	6	U	1.11	U
Potassium	~	5,290	U	4,250	U	5,030	U	5,260	U	5,000	U	5,670	U	14,400	U	11,800	U	6,730	U	17,100	U	14,400	U	19,100	U	13,700	U	10,300	U	14,100	U
Selenium	10	20	U	11	U	1.68	B	11	U	11	U	2.70	B	11	U	11	U	2.46	B	11	U	11	U	4.89	B	11	U	11	U	2.37	B
Silver	50	6	U	6	U	1.11	U	6	U	6	U	1.11	U	6	U	6	U	1.11	U	6	U	6	U	1.11	U	6	U	6	U	1.11	U
Sodium	20,000	142,000	U	233,000	U	364,000	U	72,600	U	52,100	U	89,000	U	46,600	U	46,500	U	35,700	U	53,600	U	49,500	U	68,800	U	73,000	U	56,300	U	73,300	U
Thallium	~	6	U	6	U	1.11	U	6	U	6	U	1.11	U	6	U	6	U	1.11	U	6	U	6	U	1.11	U	6	U	6	U	1.11	U
Vanadium	~	11	U	11	U	1.11	U	11	U	11	U	1.11	U	11	U	11	U	2.27	U	11	U	11	U	1.11	U	11	U	11	U	1.11	U
Zinc	2000	30	U	16	B	10.3	U	38	U	12	B	14.0	U	41	U	20	B	50.7	U	43	U	21	B	26.8	U	31	U	20	B	10.2	U

TABLE 4
Laboratory Analytical Results for PCBs and Pesticides
Former Consolidated Iron and Metal Site

Monitoring Well ID	NYSDEC TOGS Standards and Guidance Values - GA	MW-06						MW-07						MW-08						MW-09						MW-10					
Sample ID		CIM-MW-06						CIM-MW-07						CIM-MW-08						CIM-MW-09						CIM-MW-10					
York ID		15K0438-10		17F0627-07		18J0190-03		15K0438-08		17F0627-03		18J0190-02		15K0438-11		17F0627-04		18J0190-06		15K0438-09		17F0627-01		18J0190-04		15K0438-04		17F0627-08		18J0190-08	
Sampling Date		11/11/15		6/14/17		10/1/18		11/10/15		6/13/17		10/1/18		11/11/15		6/14/17		10/2/18		11/10/15		6/13/17		10/2/18		11/10/15		6/14/17		10/2/18	
Client Matrix		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Aluminum	~	56	U	56	U	34.9		140		56	U	2,080	D	741		107		99.9		56	U	56	U	11.1	U	56	U	56	U	11.1	U
Antimony	3	6	U	6	U	1.71		6	U	6	U	1.11	U	6	U	6	U	1.11	U	6	U	6	U	1.11	U	6	U	6	U	1.11	U
Arsenic	25	5		4	U	1.66		5		8		1.79		10		8		3.22		4	U	6		1.11	U	9		7		15.3	
Barium	1000	585		229		218		698		445		409		136		204		141		85		79		90.1		239		188		245	
Beryllium	3	1	U	1	U	0.333	U	1	U	1	U	0.333	U	1	U	1	U	0.333	U	1	U	1	U	0.333	U	1	U	1	U	0.333	U
Cadmium	5	3	U	3	U	0.556	U	3	U	3	U	0.556	U	3	U	3	U	0.556	U	3	U	3	U	0.556	U	3	U	3	U	0.556	U
Calcium	~	96,900		97,500		110,000		95,500		87,800		71,300		116,00		120,000		131,000		143,000		131,000		66,900		101,000		92,900		106,000	
Chromium	50	6	U	6	U	1.11	U	6	U	6	U	1.11	U	7		6	U	1.11	U	6	U	6	U	1.11	U	6	U	6	U	1.11	U
Cobalt	~	6	U	6	U	1.11	U	6	U	6	U	1.11	U	6	U	6	U	1.20		6	U	6	U	1.11	U	6	U	6	U	1.11	U
Copper	200	12		8		4.80		13		3	U	3.05		17		5		3.34		12		5		1.11	U	14		3	U	1.11	U
Iron	~	4,450		666		2,160		14,100		11,400		7,420		4,470		5,940		4,160		1,330		1,020		1,230		15,400		16,100		19,300	D
Lead	25	17		29	B	99.6		15		3	U	13.3		45		43	B	32.1		3	U	3	U	1.11	U	3	U	3	U	1.11	U
Magnesium	35,000	34,900		35,000		35,300		27,700		21,100		15,700		24,400		24,300		41,800		23,300		20,700		46,900		28,100		24,500		27,200	
Manganese	300	1,120		229		189		480		653		512		702		789		512		673		616		681		953		871		897	
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	0.20	U	0.20	U	0.20	U
Nickel	100	6	U	6	U	1.98		6	U	6	U	2.02		6	U	6	U	3.55		6	U	6	U	1.11	U	6	U	6	U	1.11	U
Potassium	~	5,720		3,600		3,930		9,280		5,150		8,850		6,320		6,320		14,100		3,770		3,440		19,100		12,000		9,900		12,900	
Selenium	10	11	U	11	U	1.95	B	11	U	11	U	3.81	B	11	U	11	U	1.44	B	11	U	11	U	1.11	U	11	U	11	U	2.07	B
Silver	50	6	U	6	U	1.11	U	6	U	6	U	1.11	U	6	U	6	U	1.11	U	6	U	6	U	1.11	U	6	U	6	U	1.11	U
Sodium	20,000	49,500		36,200		23,400		53,700		39,300		55,300		6,190		40,500		73,300		104,000		99,000		68,800		71,200		69,400		106,000	
Thallium	~	6	U	6	U	1.11	U	6	U	6	U	1.11	U	6	U	6	U	1.11	U	6	U	6	U	1.11	U	6	U	6	U	1.11	U
Vanadium	~	11	U	11	U	1.75		11	U	11	U	1.11	U	11	U	11	U	1.11	U	11	U	11	U	1.11	U	11	U	11	U	1.11	U
Zinc	2000	32		47	B	33.4		37		16	B	25.2		57		88	B	32.3		37		17	B	9.33		28		11	U	12.3	

TABLE 4
Laboratory Analytical Results for PCBs and Pesticides
Former Consolidated Iron and Metal Site

Monitoring Well ID Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	MW-01						MW-02						MW-03						MW-04						MW-05					
		CIM-MW-01						CIM-MW-02						CIM-MW-03						CIM-MW-04						CIM-MW-05					
		15K0438-01 11/10/15 Water		17F0627-10 6/14/17 Water		18J0190-10 10/2/18 Water		15K0438-02 11/10/15 Water		17F0627-09 6/14/18 Water		18J0190-09 10/2/18 Water		15K0438-07 11/10/15 Water		17F0627-02 6/13/17 Water		18J0190-01 10/1/18 Water		15K0438-12 11/11/15 Water		17F0627-05 6/14/17 Water		18J0190-05 10/2/18 Water		15K0438-03 10/10/15 Water		17F0627-06 6/14/17 Water		18J0190-07 10/2/18 Water	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Compound		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		ug/L		ug/L	
Pesticides, 8081 target list	ug/L	0.00410	U	0.00421	U	0.00421	U	0.00410	U	0.00421	U	0.00615	U	0.00410	U	0.00410	U	0.0667	U	0.00410	U	0.00421	U	0.00571	U	0.00410	U	0.00421	U	0.00571	U
4,4'-DDD	0.3	0.00410	U	0.00421	U	0.00421	U	0.00410	U	0.00421	U	0.00615	U	0.00410	U	0.00410	U	0.0667	U	0.00410	U	0.00421	U	0.00571	U	0.00410	U	0.00421	U	0.00571	U
4,4'-DDE	0.2	0.00410	U	0.00421	U	0.00421	U	0.00410	U	0.00421	U	0.00615	U	0.00410	U	0.00410	U	0.0667	U	0.00410	U	0.00421	U	0.00571	U	0.00410	U	0.00421	U	0.00571	U
4,4'-DDT	0.2	0.00410	U	0.00421	U	0.00421	U	0.00410	U	0.00421	U	0.00615	U	0.00410	U	0.00410	U	0.0667	U	0.00410	U	0.00421	U	0.00571	U	0.00410	U	0.00421	U	0.00571	U
Aldrin	~	0.00410	U	0.00421	U	0.00421	U	0.00410	U	0.00421	U	0.00615	U	0.00410	U	0.00410	U	0.0667	U	0.00410	U	0.00421	U	0.00571	U	0.00410	U	0.00421	U	0.00571	U
alpha-BHC	0.01	0.00410	U	0.00421	U	0.00421	U	0.00410	U	0.00421	U	0.00615	U	0.00410	U	0.00410	U	0.0667	U	0.00410	U	0.00421	U	0.00571	U	0.00410	U	0.00421	U	0.00571	U
alpha-Chlordane	~	NA		NA		0.00421	U	NA		NA		0.00615	U	NA		NA		0.0667	U	NA		NA		0.00571	U	NA		NA		0.00571	U
beta-BHC	0.04	0.00410	U	0.00421	U	0.00421	U	0.00410	U	0.00421	U	0.00615	U	0.00410	U	0.00410	U	0.0667	U	0.00410	U	0.00421	U	0.00571	U	0.00410	U	0.00421	U	0.00571	U
Chlordane, total	0.05	0.0410	U	0.0211	U	0.0211	U	0.0410	U	0.0211	U	0.0308	U	0.0410	U	0.0205	U	0.333	U	0.0410	U	0.0211	U	0.0286	U	0.0410	U	0.0211	U	0.0286	U
delta-BHC	0.04	0.00410	U	0.00421	U	0.00421	U	0.00410	U	0.00421	U	0.00615	U	0.00410	U	0.00410	U	0.0667	U	0.00410	U	0.00421	U	0.00571	U	0.00410	U	0.00421	U	0.00571	U
Dieldrin	0.004	0.00205	U	0.00211	U	0.00211	U	0.00205	U	0.00211	U	0.00308	U	0.00205	U	0.00205	U	0.0333	U	0.00205	U	0.00211	U	0.00286	U	0.00205	U	0.00211	U	0.00286	U
Endosulfan I	~	0.00410	U	0.00421	U	0.00421	U	0.00410	U	0.00421	U	0.00615	U	0.00410	U	0.00410	U	0.0667	U	0.00410	U	0.00421	U	0.00571	U	0.00410	U	0.00421	U	0.00571	U
Endosulfan II	~	0.00410	U	0.00421	U	0.00421	U	0.00410	U	0.00421	U	0.00615	U	0.00410	U	0.00410	U	0.0667	U	0.00410	U	0.00421	U	0.00571	U	0.00410	U	0.00421	U	0.00571	U
Endosulfan sulfate	~	0.00410	U	0.00421	U	0.00421	U	0.00410	U	0.00421	U	0.00615	U	0.00410	U	0.00410	U	0.0667	U	0.00410	U	0.00421	U	0.00571	U	0.00410	U	0.00421	U	0.00571	U
Endrin	~	0.00410	U	0.00421	U	0.00421	U	0.00410	U	0.00421	U	0.00615	U	0.00410	U	0.00410	U	0.0667	U	0.00410	U	0.00421	U	0.00571	U	0.00410	U	0.00421	U	0.00571	U
Endrin aldehyde	5	0.0103	U	0.0105	U	0.0105	U	0.0103	U	0.0105	U	0.0154	U	0.0103	U	0.0103	U	0.167	U	0.0103	U	0.0105	U	0.0143	U	0.0103	U	0.0105	U	0.0143	U
Endrin ketone	5	0.0103	U	0.0105	U	0.0105	U	0.0103	U	0.0105	U	0.0154	U	0.0103	U	0.0103	U	0.167	U	0.0103	U	0.0105	U	0.0143	U	0.0103	U	0.0105	U	0.0143	U
gamma-BHC (Lindane)	0.05	0.00410	U	0.00421	U	0.00421	U	0.0041	U	0.00421	U	0.00615	U	0.00410	U	0.00410	U	0.0667	U	0.00410	U	0.00421	U	0.00571	U	0.00410	U	0.00421	U	0.00571	U
gamma-Chlordane	~	NA		NA		0.0105	U	NA		NA		0.0154	U	NA		NA		0.167	U	NA		NA		0.0143	U	NA		NA		0.0143	U
Heptachlor	0.04	0.00410	U	0.00421	U	0.00421	U	0.0041	U	0.00421	U	0.00615	U	0.00410	U	0.00410	U	0.0667	U	0.00410	U	0.00421	U	0.00571	U	0.00410	U	0.00421	U	0.00571	U
Heptachlor epoxide	0.03	0.00410	U	0.00421	U	0.00421	U	0.0041	U	0.00421	U	0.00615	U	0.00410	U	0.00410	U	0.0667	U	0.00410	U	0.00421	U	0.00571	U	0.00410	U	0.00421	U	0.00571	U
Methoxychlor	35	0.00410	U	0.00421	U	0.00421	U	0.0041	U	0.00421	U	0.00615	U	0.00410	U	0.00410	U	0.0667	U	0.00410	U	0.00421	U	0.00571	U	0.00410	U	0.00421	U	0.00571	U
Toxaphene	0.06	0.103	U	0.105	U	0.105	U	0.103	U	0.105	U	0.154	U	0.103	U	0.103	U	1.67	U	0.103	U	0.105	U	0.143	U	0.103	U	0.105	U	0.143	U
Polychlorinated Biphenyls (PCBs)	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		ug/L		ug/L		ug/L	
Aroclor 1016	~	0.0513	U	0.0526	U	0.0526	U	0.0513	U	0.0526	U	0.0769	U	0.0513	U	0.0513	U	0.0833	U	0.0513	U	0.0526	U	0.0714	U	0.0513	U	0.0526	U	0.0714	U
Aroclor 1221	~	0.0513	U	0.0526	U	0.0526	U	0.0513	U	0.0526	U	0.0769	U	0.0513	U	0.0513	U	0.0833	U	0.0513	U	0.0526	U	0.0714	U	0.0513	U	0.0526	U	0.0714	U
Aroclor 1232	~	0.0513	U	0.0526	U	0.0526	U	0.0513	U	0.0526	U	0.0769	U	0.0513	U	0.0513	U	0.0833	U	0.0513	U	0.0526	U	0.0714	U	0.0513	U	0.0526	U	0.0714	U
Aroclor 1242	~	0.0513	U	0.0526	U	0.0526	U	0.0513	U	0.0526	U	0.0769	U	0.0513	U	0.0513	U	0.0833	U	0.0513	U	0.0526	U	0.0714	U	0.0513	U	0.0526	U	0.0714	U
Aroclor 1248	~	0.0513	U	0.0526	U	0.0526	U	0.0513	U	0.0526	U	0.0769	U	0.0513	U	0.0513	U	0.0833	U	0.0513	U	0.0526	U	0.0714	U	0.0513	U	0.0526	U	0.0714	U
Aroclor 1254	~	0.0513	U	0.0526	U	0.0526	U	0.0513	U	0.0526	U	0.0769	U	0.0513	U	0.0513	U	0.0833	U	0.0513	U	0.0526	U	0.0714	U	0.0513	U	0.0526	U	0.0714	U
Aroclor 1260	~	0.0513	U	0.0526	U	0.0526	U	0.0513	U	0.0526	U	0.0769	U	0.0513	U	0.0513	U	0.0833	U	0.0513	U	0.0526	U	0.0714	U	0.0513	U	0.0526	U	0.0714	U
Total PCBs	0.09	0.0513	U	0.0526	U	0.0526	U	0.0513	U	0.0526	U	0.0769	U	0.0513	U	0.0513	U	0.0833	U	0.0513	U	0.0526	U	0.0714	U	0.0513	U	0.0526	U	0.0714	U

TABLE 4
Laboratory Analytical Results for PCBs and Pesticides
Former Consolidated Iron and Metal Site

Monitoring Well ID Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	MW-06						MW-07						MW-08						MW-09						MW-10					
		CIM-MW-06						CIM-MW-07						CIM-MW-08						CIM-MW-09						CIM-MW-10					
		15K0438-10 11/11/15 Water		17F0627-07 6/14/17 Water		18J0190-03 10/1/18 Water		15K0438-08 11/10/15 Water		17F0627-03 6/13/17 Water		18J0190-02 10/1/18 Water		15K0438-11 11/11/15 Water		17F0627-04 6/14/17 Water		18J0190-06 10/2/18 Water		15K0438-09 11/10/15 Water		17F0627-01 6/13/17 Water		18J0190-04 10/2/18 Water		15K0438-04 11/10/15 Water		17F0627-08 6/14/17 Water		18J0190-08 10/2/18 Water	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Compound		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		ug/L		ug/L	
Pesticides, 8081 target list	ug/L	0.00432	U	0.00421	U	0.00410	U	0.00410	U	0.00410	U	0.00410	U	0.00432	U	0.00421	U	0.00571	U	0.00400	U	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00410	U
4,4'-DDD	0.3	0.00432	U	0.00421	U	0.00410	U	0.00410	U	0.00410	U	0.00410	U	0.00432	U	0.00421	U	0.00571	U	0.00400	U	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00410	U
4,4'-DDE	0.2	0.00432	U	0.00421	U	0.00410	U	0.00410	U	0.00410	U	0.00410	U	0.00432	U	0.00421	U	0.00571	U	0.00400	U	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00410	U
4,4'-DDT	0.2	0.00432	U	0.00421	U	0.00410	U	0.00410	U	0.00410	U	0.00410	U	0.00432	U	0.00421	U	0.00571	U	0.00400	U	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00410	U
Aldrin	~	0.00432	U	0.00421	U	0.00410	U	0.00410	U	0.00410	U	0.00410	U	0.00432	U	0.00421	U	0.00571	U	0.00400	U	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00410	U
alpha-BHC	0.01	0.00432	U	0.00421	U	0.00410	U	0.00410	U	0.00410	U	0.00410	U	0.00432	U	0.00421	U	0.00571	U	0.00400	U	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00410	U
alpha-Chlordane	~	NA		NA		0.00410	U	NA		NA		0.00410	U	NA		NA		0.00571	U	NA		NA		0.00410	U	NA		NA		0.00410	U
beta-BHC	0.04	0.00432	U	0.00421	U	0.00410	U	0.00410	U	0.00410	U	0.00410	U	0.00432	U	0.00421	U	0.00571	U	0.00400	U	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00410	U
Chlordane, total	0.05	0.0432	U	0.0211	U	0.0205	U	0.0410	U	0.0205	U	0.0205	U	0.04320	U	0.0211	U	0.0286	U	0.0400	U	0.0205	U	0.0205	U	0.0410	U	0.0211	U	0.0205	U
delta-BHC	0.04	0.00432	U	0.00421	U	0.00410	U	0.00410	U	0.00410	U	0.00410	U	0.00432	U	0.00421	U	0.00571	U	0.00400	U	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00410	U
Dieldrin	0.004	0.00216	U	0.00211	U	0.00205	U	0.00205	U	0.00205	U	0.00205	U	0.00216	U	0.00211	U	0.00286	U	0.00200	U	0.00205	U	0.00205	U	0.00205	U	0.00211	U	0.00205	U
Endosulfan I	~	0.00432	U	0.00421	U	0.00410	U	0.00410	U	0.00410	U	0.00410	U	0.00432	U	0.00421	U	0.00571	U	0.00400	U	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00410	U
Endosulfan II	~	0.00432	U	0.00421	U	0.00410	U	0.00410	U	0.00410	U	0.00410	U	0.00432	U	0.00421	U	0.00571	U	0.00400	U	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00410	U
Endosulfan sulfate	~	0.00432	U	0.00421	U	0.00410	U	0.00410	U	0.00410	U	0.00410	U	0.00432	U	0.00421	U	0.00571	U	0.00400	U	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00410	U
Endrin	~	0.00432	U	0.00421	U	0.00410	U	0.00410	U	0.00410	U	0.00410	U	0.00432	U	0.00421	U	0.00571	U	0.00400	U	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00410	U
Endrin aldehyde	5	0.0108	U	0.0105	U	0.0103	U	0.0103	U	0.0103	U	0.0103	U	0.0108	U	0.0105	U	0.0143	U	0.0100	U	0.0103	U	0.0103	U	0.0103	U	0.0103	U	0.0105	U
Endrin ketone	5	0.0108	U	0.0105	U	0.0103	U	0.0103	U	0.0103	U	0.0103	U	0.0108	U	0.0105	U	0.0143	U	0.0100	U	0.0103	U	0.0103	U	0.0103	U	0.0103	U	0.0105	U
gamma-BHC (Lindane)	0.05	0.00432	U	0.00421	U	0.00410	U	0.00410	U	0.00410	U	0.00410	U	0.00432	U	0.00421	U	0.00571	U	0.00400	U	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00410	U
gamma-Chlordane	~	NA		NA		0.0103	U	NA		NA		0.0103	U	NA		NA		0.0143	U	NA		NA		0.0103	U	NA		NA		0.0103	U
Heptachlor	0.04	0.00432	U	0.00421	U	0.00410	U	0.00410	U	0.00410	U	0.00410	U	0.00432	U	0.00421	U	0.00571	U	0.00400	U	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00410	U
Heptachlor epoxide	0.03	0.00432	U	0.00421	U	0.00410	U	0.00410	U	0.00410	U	0.00410	U	0.00432	U	0.00421	U	0.00571	U	0.00400	U	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00410	U
Methoxychlor	35	0.00432	U	0.00421	U	0.00410	U	0.00410	U	0.00410	U	0.00410	U	0.00432	U	0.00421	U	0.00571	U	0.00400	U	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00410	U
Toxaphene	0.06	0.108	U	0.105	U	0.103	U	0.103	U	0.103	U	0.103	U	0.108	U	0.105	U	0.143	U	0.100	U	0.103	U	0.103	U	0.103	U	0.103	U	0.105	U
Polychlorinated Biphenyls (PCBs)	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		ug/L		ug/L		ug/L	
Aroclor 1016	~	0.0541	U	0.0526	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U	0.0541	U	0.0526	U	0.0714	U	0.0500	U	0.0513	U	0.0513	U	0.0513	U	0.0526	U	0.0513	U
Aroclor 1221	~	0.0541	U	0.0526	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U	0.0541	U	0.0526	U	0.0714	U	0.0500	U	0.0513	U	0.0513	U	0.0513	U	0.0526	U	0.0513	U
Aroclor 1232	~	0.0541	U	0.0526	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U	0.0541	U	0.0526	U	0.0714	U	0.0500	U	0.0513	U	0.0513	U	0.0513	U	0.0526	U	0.0513	U
Aroclor 1242	~	0.0541	U	0.0526	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U	0.0541	U	0.0526	U	0.0714	U	0.0500	U	0.0513	U	0.0513	U	0.0513	U	0.0526	U	0.0513	U
Aroclor 1248	~	0.0541	U	0.0526	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U	0.0541	U	0.0526	U	0.0714	U	0.0500	U	0.0513	U	0.0513	U	0.0513	U	0.0526	U	0.0513	U
Aroclor 1254	~	0.0541	U	0.0526	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U	0.0541	U	0.0526	U	0.0714	U	0.0500	U	0.0513	U	0.0513	U	0.0513	U	0.0526	U	0.0513	U
Aroclor 1260	~	0.0541	U	0.0526	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U	0.0541	U	0.0526	U	0.0714	U	0.0500	U	0.0513	U	0.0513	U	0.0513	U	0.0526	U	0.0513	U
Total PCBs	0.09	0.0541	U	0.0526	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U	0.0541	U	0.0526	U	0.0714	U	0.0500	U	0.0513	U	0.0513	U	0.0513	U	0.0526	U	0.0513	U

APPENDICIES

Appendix A

EC/C Certification Form

December 3, 2018

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
Chazen Project No. 41548.00

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 provided by me, as a Qualified Environmental Professional and NYS Professional Geologist.

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 and sampling data appears to confirm the effectiveness of the institutional and engineering controls required by the remedial program. The inspections conducted during each of the three recent sampling events were performed under my direction;
- The institutional control and/or engineering control employed at this site appear unchanged from the date the control was put in place, or last approved by the Department. I was not present during construction of the sanitary sewer pumping station but would anticipate that the City and its consultants/contractors adhered to terms of the Site Management Plan as warranted;
- Nothing has otherwise occurred that would have the obvious potential to impair the ability of the engineering control to protect the public health and environment;
- Nothing has occurred to my knowledge that would constitute a violation or failure to comply with any site management plan for this control;
- The City has indicated that 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 appears compliant with the environmental easement;

- The sampling data suggest 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, Russell Urban-Mead 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,

A handwritten signature in black ink, appearing to read "Russell Urban-Mead", written in a cursive style.

Russell Urban-Mead, NYS Professional Geologist No. 412
Senior Hydrogeologist and VP Chazen Environmental Services

cc: Will Olsen, PG, Chazen

Appendix B

Visual Inspection Logs

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

Page 1 of 4

Date: 10-2-18

Inspection Personnel: Will Olsen, Chazen Companies.

Weather Conditions: Overcast / Rain

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 X

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**

Page 2 of 4

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 X No____

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

(see photo log)

Is there evidence that the soil cover system has been breached intentionally by planned site activities? Yes X No____
(i.e., areas where surface appears patched, signs of excavation)

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

(see photo log)

Is there evidence that the shoreline stabilization measures have been breached (i.e., areas where shoreline appears to be eroded or 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**

Page 3 of 4

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

Yes X No

If No, give reason

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

Yes X No

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

Yes X No

Are there any violations of the use restrictions observed
(e.g., non-community vegetable gardens)? Are the remedy components post-construction, such as
institutional controls, and that shall also

Yes No X

Has there been any change in the use restrictions on the site or
the necessary provisions for ensuring that the easement covenant remains in place and is
effective?

Yes No X

If No, list and/or identify

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

Page 4 of 4

Are there any changes to site operations and maintenance requirements
for the components of the remedy?
If Yes, please describe

Yes_____

No ☒



Photo #1

Description: Northwest site access gate.



Photo #2

Description: View of northern field area of Site, facing east from NW entrance.



Photo #3

Description: View of gravel walking path, western site area, facing south.



Photo #4

Description: View of west/southwest site areas from sewer pumping station near southwestern corner, facing north.



Photo #5

Description: View of southern end of Site, facing east.



Photo #6

Description: View of new sewer pumping station near southwestern Site corner, facing southwest.



Photo #7

Description: View of eastern and central Site areas, facing north.



Photo #8

Description: View of northeastern Site area, facing south.



Photo #9

Description: representative view of shoreline rip-rap embankment, facing southeast.



Photo #10

Description: View of northern Site area, facing west.

Appendix C

Site Sampling Logs

Sample Matrix (circle):

Groundwater	Soil
Surface Water	Air
Drinking Water	Other:

Lock Type: _____ Key #: _____

Low-Flow via Peristaltic

[illegible]

Notes:

Turn Around Time:
Normal

Trip Blank

Field Data Sheet-GWS.xls

Dedicated
tubing
used throughout
sampling job.

PFAS
1,4-Dioxane
only

VOCs
only

VOCs + PFAS
SVOCs only
1,4-Dioxane

FIELD DATA SHEET**SAMPLE INFORMATION:**

Sample ID: CIM-MW-02
 Well ID: MW-02
 Project Name: Consolidated Iron
 Sample Location: Newburgh, NY

Sample Time: 10 15:24
 Sample Date: 10-2-19
 Sample Tech(s): WGO
 Project and Task #: 41548.00
 Project Manager: RUM

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

WELL INFORMATION:

Well Condition: GOOD - dedicated tubing already installed

Lock Type: _____ Key #: _____

PURGE DATA:

Measuring Point: Top of PVC (B)
 Depth to Bottom: 19.63
 Depth to Water: 12.24
 Water Column Height: (A)
 (depth to bottom - depth to water)
 # of Volumes to be Purged: (C)
 Gal. to be Purged: (Ax BxC)

Pipe Width	Gal/Foot
1.0"	0.041
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 via Peristaltic
 Start Date: _____
 Start Time: _____
 Stop Time: _____
 Purge Rate (gpm): 2.803/30s
 Elapsed Time (min): _____
 Well Vol. Purged (#): _____
 Purge Vol. (gal): _____
 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 uS/cm°	Cond. uS/cm	Turbidity	TDS g/L	DO mg/L	pH	ORP mV	Odor
	15:04	12.24	17.7	1,818	—	Clear w/ sed.	—	2.67	7.00	+103.2	Swampy
	15:09	12.33	17.7	1,843	—	"	—	0.59	6.84	+136.1	"
	15:14	12.34	17.7	1,840	—	"	—	0.46	6.77	+144.4	"
	15:19	12.34	17.7	1,700	—	"	—	0.40	6.73	+148.4	"
	15:24	12.34	17.7	1,833	—	"	—	0.36	6.70	+150.4	"

SAMPLE INFORMATION:

Sample Method: Peristaltic (Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, Dir. Instrument Reading, etc.)
 Sample Type: Grab Composite
 Sample Depth: 2.13
 Weather: Heavy Rain
 Barometric Pres.: _____
 Air Temp. (°F): 60s
 Wind: _____

Notes: _____

LAB REQUESTS:

Laboratory Name: York Analysis/Method: SMP Parameters Turn Around Time: Normal

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

Field Data Sheet-GWS.xls

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID: CIM--MW- 04
 Well ID: MW- 04
 Project Name: Consolidated Iron
 Sample Location: Newburgh, NY

Sample Time: 11:29
 Sample Date: 10-2-18
 Sample Tech(s): WGO
 Project and Task #: 41548.00
 Project Manager: RUM

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

WELL INFORMATION:

Well Condition: GOOD - dedicated LDPE tubing installed already

Lock Type: _____ Key #: _____

PURGE DATA:

Measuring Point: Top of PVC
 Depth to Bottom: 18.45 ✓
 Depth to Water: 10.31
 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"	0.041
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 via Peristaltic
 Start Date: _____
 Start Time: _____
 Stop Time: _____
 Purge Rate (gpm): 2.802/30.5
 Elapsed Time (min): _____
 Well Vol. Purged (#): _____
 Purge Vol. (gal): _____
 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 uS/cm ^c	Cond. uS/cm	Turbidity	TDS g/L	DO mg/L	pH	ORP mV	Other
	11:09	10.31	17.9	1,191	-	Clear w/ black sed.	-	1.82	7.26	-122.3	Swampy
	11:14	10.62	17.6	1,201	-	"	-	0.49	7.04	-158.5	"
	11:19	10.70	17.5	1,200	-	"	-	0.58	7.00	-165.3	"
	11:24	10.70	17.4	1,175	-	"	-	0.55	6.98	-169.7	"
	11:29	10.71	17.3	1,154	-	"	-	0.52	7.00	-172.5	"

SAMPLE INFORMATION:

Sample Method: Peristaltic (Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, Dir. Instrument Reading, etc.)

Sample Type: ☒ Grab ☐ Composite

Weather: Overcast

Sample Depth: 212

Barometric Pres.: _____

Wind: 5 mph

Air Temp.(°F): 60.5

Notes: _____

LAB REQUESTS:

Laboratory Name: YORK

Analysis/Method: SMP Parameter

Turn Around Time:

Normal

QA/QC: Duplicate

Equip. Blank

Field Blank

Trip Blank

FIELD DATA SHEET**SAMPLE INFORMATION:**

Sample ID: CIM--MW- 05
 Well ID: MW- 05
 Project Name: Consolidated Iron
 Sample Location: Newburgh, NY

Sample Time: 13:30
 Sample Date: 10-2-18
 Sample Tech(s): WGO
 Project and Task #: 41548.00
 Project Manager: RUM

Sample Matrix (circle):

Groundwater

Surface Water

Drinking Water

Soil
 Air
 Other:

WELL INFORMATION:Well Condition: Good - dedicated tubing already installed

Lock Type: _____ Key #: _____

PURGE DATA:

Measuring Point: Top of PVC (B)
 Depth to Bottom: 18.23
 Depth to Water: 10.20
 Water Column Height: (A)
 (depth to bottom - depth to water)
 # of Volumes to be Purged: (C)
 Gal. to be Purged: (AxBxC)

Pipe Width	Gal/Foot
1.0"	0.041
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 via Peristaltic

Start Date: _____

Start Time: _____

Stop Time: _____

Purge Rate (gpm): ~302/30.5

Elapsed Time (min): _____

Well Vol. Purged (#): _____

Purge Vol. (gal): _____

Well went dry? NoConditions: No OdorClear

Yes

Odor
 Slightly-Turbid

Turbid

FIELD RESULTS:

Gal purged gal	Date & Time	Depth to Water ft	Temp deg C	SpCond uS/cm ^o	Cond. uS/cm	Turbidity	TDS g/L	DO mg/L	pH	ORP mV	Odor
	13:10	10.20	19.0	1,331	—	Clear w/ sed.	—	2.44	6.69	-114.2	None
	13:15	10.63	18.4	1,379	—	"	—	0.73	6.92	-158.9	None
	13:20	10.63	18.3	1,378	—	"	—	0.56	6.99	-168.9	None
	13:25	10.63	18.3	1,372	—	"	—	0.52	7.03	-174.8	None
	13:30	10.63	18.3	1,370	—	"	—	0.48	7.06	-178.5	None

SAMPLE INFORMATION:

Sample Method: Peristaltic (Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, Dir. Instrument Reading, etc.)

Sample Type: Grab CompositeWeather: OvercastSample Depth: ~12

Barometric Pres.: _____

Wind: BreezyAir Temp.(°F): 60.5

Notes: _____

LAB REQUESTS:Laboratory Name: YORKAnalysis/Method: SRP Parameter

Turn Around Time:

Normal

QA/QC: Duplicate

Equip. Blank

Field Blank

Trip Blank

FIELD DATA SHEET**SAMPLE INFORMATION:**

Sample ID: CIM-MW-06
 Well ID: MW-06
 Project Name: Consolidated Iron
 Sample Location: Newburgh, NY

Sample Time: 15:59
 Sample Date: 10-1-18
 Sample Tech(s): WGO
 Project and Task #: 41548.00
 Project Manager: RUM

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

WELL INFORMATION:

Well Condition: GOOD - 8/2/18 - pulled old tubing, installed new 1/4" I.D. HDPE w/ silicone for pump head.
 Lock Type: _____ Key #: _____

PURGE DATA:

Measuring Point: T.O. PJC
 Depth to Bottom: 16.90'
 Depth to Water: 8.88
 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"	0.041
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 via Peristaltic
 Start Date: 10-1-18
 Start Time: 15:44
 Stop Time: 15:57
 Purge Rate (gpm): 2.802/34.1
 Elapsed Time (min): _____
 Well Vol. Purged (#): _____
 Purge Vol. (gal): _____
 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 uS/cm ^c	Cond. uS/cm	Turb.	TDS g/L	DO mg/L	pH	ORP mV	Odor
	15:44	8.88	19.3	900	—	Clear w/ flocc	—	3.50	8.07	-113.1	None
	15:49	9.23	19.4	885	—	Clear	—	3.40	7.75	-120.1	None
	15:54	9.30	19.5	870	—	Clear	—	3.54	7.63	-120.1	None
	15:59	9.36	19.5	867	—	Clear	—	3.56	7.53	-112.4	None
	16:01										

SAMPLE INFORMATION:

Sample Method: Peristaltic (Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, Dir. Instrument Reading, etc.)
 Sample Type: Grab Composite
 Weather: Sunny, humid
 Sample Depth: ~11'
 Barometric Pres.: _____ Wind: Calm
 Air Temp. (°F): 70-75

Notes: _____

LAB REQUESTS:

Laboratory Name: York
Cor-tell
 Analysis/Method: SMP Parameter
PEA/1,4-Dioxane
 Turn Around Time: Normal

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

Field Data Sheet-GWS.xls

FIELD DATA SHEET**SAMPLE INFORMATION:**

Sample ID: CIM-MW-08
 Well ID: MW-08
 Project Name: Consolidated Iron
 Sample Location: Newburgh, NY

Sample Time: 12:39
 Sample Date: 10-2-18
 Sample Tech(s): WGO
 Project and Task #: 41548.00
 Project Manager: RUM

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

WELL INFORMATION:

Well Condition: Good - dedicated tubing already installed.

Lock Type: _____ Key #: _____

PURGE DATA:

Measuring Point: Top of PVC
 Depth to Bottom: 17.60' Pipe Width Gal/Foot
 Depth to Water: 9.60'
 Water Column Height: (A)
 (depth to bottom - depth to water)
 # of Volumes to be Purged: (C)
 Gal. to be Purged: (AxBxC)

Pipe Width	Gal/Foot
1.0"	0.041
1.5"	0.092
2.0"	0.163
2.5"	0.255
3.0"	0.357
4.0"	0.653
6.0"	1.469
8.0"	2.611

Purge Method: Low-Flow via Peristaltic

Start Date: _____

Start Time: _____

Stop Time: _____

Purge Rate (gpm): ~ 802/30.5

Elapsed Time (min): _____

Well Vol. Purged (#): _____

Purge Vol. (gal): _____

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 uS/cm ^c	Cond. uS/cm	Turbidity	TDS g/L	DO mg/L	pH	ORP mV	Odor
	12:24	9.60	19.1	714	-	<u>Clear w/ sed.</u>	-	4.62	7.55	-98.2	None
	12:29	10.00	19.0	704	-	"	-	0.87	7.25	-131.9	"
	12:34	10.09	19.0	705	-	"	-	0.82	7.27	-138.8	"
	12:39	10.12	19.1	710	-	"	-	0.82	7.18	-145.1	"
	12:44										

SAMPLE INFORMATION:

Sample Method: Peristaltic (Peristaltic, Submersible, Dedicated or Disp. Baller, Waterra, Dir. Instrument Reading, etc.)

Sample Type: Grab Composite

Weather: Overcast

Sample Depth: ~ 12

Barometric Pres.: _____

Wind: 5 mph

Air Temp.(°F): 60.5

Notes: _____

LAB REQUESTS:

Laboratory Name: YORIK

Analysis/Method: SMP Parameters

Turn Around Time:

Normal

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

FIELD DATA SHEET**SAMPLE INFORMATION:**

Sample ID: CIM--MW-09
 Well ID: MW-09
 Project Name: Consolidated Iron
 Sample Location: Newburgh, NY

Sample Time: 10:25
 Sample Date: 10-2-18
 Sample Tech(s): WGO
 Project and Task #: 41548.00
 Project Manager: RUM

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

WELL INFORMATION:

Well Condition: Good - installed new 1/4" I.D. tubing (HDPE) + sl-core

Lock Type: _____

Key #: _____

PURGE DATA:

Measuring Point: Top of PVC (B)
 Depth to Bottom: 20.80
 Depth to Water: 13.04
 Water Column Height: (A)
 (depth to bottom - depth to water)
 # of Volumes to be Purged: (C)
 Gal. to be Purged: (AxBxC)

Pipe Width	Gal/Foot
1.0"	0.041
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 via Peristaltic
 Start Date: _____
 Start Time: _____
 Stop Time: _____
 Purge Rate (gpm): ~8 oz/30s
 Elapsed Time (min): _____
 Well Vol. Purged (#): _____
 Purge Vol. (gal): _____
 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 uS/cm°	Cond. uS/cm	Turbidity	TDS g/L	DO mg/L	pH	ORP mV	000-
	10:00	13.04	16.3	1,584	-	Clear	-	2.91	7.42	-129.3	Slight
	10:05	13.08	14.9	1,584	-	Clear	-	1.45	7.46	-141.6	Slight
	10:10	13.09	14.8	1,595	-	"	-	0.79	7.48	-154.0	Slight
	10:15	13.08	14.8	1,592	-	"	-	0.60	7.45	-158.7	Slight
	10:20	13.08	14.8	1,586	-	"	-	0.54	7.42	-161.7	Slight
	10:25	13.08	14.8	1,589	-	"	-	0.53	7.39	-164.3	Slight

SAMPLE INFORMATION:

Sample Method: Peristaltic (Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, Dir. Instrument Reading, etc.)

Sample Type: Grab Composite

Weather: Overcast

Sample Depth: 2.15

Barometric Pres.: _____

Wind: 5-10 mph

Air Temp.(°F): 60.5

Notes: _____

LAB REQUESTS:

Laboratory Name: YORK

Analysis/Method: SMP parameters

Turn Around Time:

Normal

QA/QC: Duplicate

Equip. Blank

Field Blank

Trip Blank

FIELD DATA SHEET**SAMPLE INFORMATION:**

Sample ID: CIM-MW-40
 Well ID: MW-40
 Project Name: Consolidated Iron
 Sample Location: Newburgh, NY

Sample Time: 14:17
 Sample Date: 10-2-18
 Sample Tech(s): WGO
 Project and Task #: 41548.00
 Project Manager: RUM

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

WELL INFORMATION:

Well Condition: GOOD - dedicated tubing already installed

Lock Type: _____ Key #: _____

PURGE DATA:

Measuring Point: Top of PVC
 Depth to Bottom: 18.23 ✓
 Depth to Water: 10.03
 Water Column Height: (A)
 (depth to bottom - depth to water)
 # of Volumes to be Purged: (C)
 Gal. to be Purged: (AxBxC)

Pipe Width	Gal/Foot
1.0"	0.041
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 via Peristaltic
 Start Date: _____
 Start Time: _____
 Stop Time: _____
 Purge Rate (gpm): 2.8 02/305
 Elapsed Time (min): _____
 Well Vol. Purged (#): _____
 Purge Vol. (gal): _____
 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 uS/cm°	Cond. uS/cm	Turbidity	TDS g/L	DO mg/L	pH	ORP mV	Odor
	13:57	10.03	19.1	1,302	—	Clear w/ sed.	—	1.44	7.11	-126.5	None
	14:02	10.09	19.3	1,309	—	"	—	0.68	7.08	-151.8	None
	14:07	10.09	18.4	1,309	—	"	—	0.57	7.04	-179.5	None
	14:12	10.09	18.4	1,306	—	"	—	0.51	7.05	-164.0	None
	14:17	10.09	18.3	1,300	—	H	—	0.47	7.03	-160.3	None

SAMPLE INFORMATION:

Sample Method: Peristaltic (Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, Dir. Instrument Reading, etc.)
 Sample Type: ☒ Grab ☐ Composite
 Weather: Overcast
 Sample Depth: 2.12
 Barometric Pres.: _____ Wind: Breezy
 Air Temp. (°F): 60s

Notes: _____

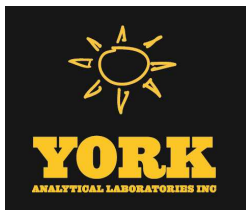
LAB REQUESTS:

Laboratory Name: YORK
 Analysis/Method: Smp Parameters
 Turn Around Time: Normal

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

Appendix D

Laboratory Report



Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)

21 Fox Street

Poughkeepsie NY, 12601

Attention: Will Olsen

Report Date: 10/12/2018

Client Project ID: 41548.00 TASK 0500

York Project (SDG) No.: 18J0190

Revision No. 1.0

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
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STRATFORD, CT 06615
(203) 325-1371

132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 10/12/2018
Client Project ID: 41548.00 TASK 0500
York Project (SDG) No.: 18J0190

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 October 03, 2018 and listed below. The project was identified as your project: **41548.00 TASK 0500**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
18J0190-01	CIM-MW-03	Water	10/01/2018	10/03/2018
18J0190-02	CIM-MW-07	Water	10/01/2018	10/03/2018
18J0190-03	CIM-MW-06	Water	10/01/2018	10/03/2018
18J0190-04	CIM-MW-09	Water	10/02/2018	10/03/2018
18J0190-05	CIM-MW-04	Water	10/02/2018	10/03/2018
18J0190-06	CIM-MW-08	Water	10/02/2018	10/03/2018
18J0190-07	CIM-MW-05	Water	10/02/2018	10/03/2018
18J0190-08	CIM-MW-10	Water	10/02/2018	10/03/2018
18J0190-09	CIM-MW-02	Water	10/02/2018	10/03/2018
18J0190-10	CIM-MW-01	Water	10/02/2018	10/03/2018
18J0190-11	CIM-MW-FD	Water	10/02/2018	10/03/2018
18J0190-12	CIM-TB	Water	10/02/2018	10/03/2018

General Notes for York Project (SDG) No.: 18J0190

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 10/12/2018





Sample Information

Client Sample ID: CIM-MW-03

York Sample ID: 18J0190-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18J0190

41548.00 TASK 0500

Water

October 1, 2018 12:41 pm

10/03/2018

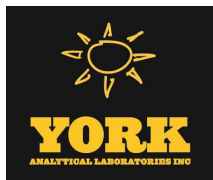
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
78-93-3	2-Butanone	26		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ



Sample Information

Client Sample ID: CIM-MW-03

York Sample ID: 18J0190-01

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 12:41 pm

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
67-64-1	Acetone	23		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
75-15-0	Carbon disulfide	0.33	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ



Sample Information

Client Sample ID: CIM-MW-03

York Sample ID: 18J0190-01

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 12:41 pm

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	1.7		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
75-65-0	tert-Butyl alcohol (TBA)	5.2		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
108-88-3	Toluene	0.28	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:25	LLJ
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/10/2018 17:05	10/10/2018 23:25	LLJ

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: CIM-MW-03

York Sample ID: 18J0190-01

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 12:41 pm

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	94.0 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	110 %			79-122						

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
120-83-2	2,4-Dichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
105-67-9	2,4-Dimethylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
51-28-5	2,4-Dinitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
95-57-8	2-Chlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB



Sample Information

Client Sample ID: CIM-MW-03

York Sample ID: 18J0190-01

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 12:41 pm

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by 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	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
88-75-5	2-Nitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
65794-96-9	3- & 4-Methylphenols	5.64		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
100-02-7	4-Nitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
83-32-9	Acenaphthene	0.115		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:18	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:18	SR
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
120-12-7	Anthracene	0.0462		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:18	SR
1912-24-9	Atrazine	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:18	SR
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
92-87-5	Benzidine	ND		ug/L	7.69	15.4	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
56-55-3	Benzo(a)anthracene	0.0385		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:18	SR
50-32-8	Benzo(a)pyrene	0.0385		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:18	SR



Sample Information

Client Sample ID: CIM-MW-03

York Sample ID: 18J0190-01

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 12:41 pm

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
205-99-2	Benzo(b)fluoranthene	0.0385		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:18	SR
191-24-2	Benzo(g,h,i)perylene	0.0385		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:18	SR
207-08-9	Benzo(k)fluoranthene	0.0385		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:18	SR
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:18	SR
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
218-01-9	Chrysene	0.0538		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:18	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:18	SR
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
206-44-0	Fluoranthene	0.108		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:18	SR
86-73-7	Fluorene	0.108		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:18	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	0.0154	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:18	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:18	SR



Sample Information

Client Sample ID: CIM-MW-03

York Sample ID: 18J0190-01

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 12:41 pm

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
67-72-1	Hexachloroethane	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:18	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:18	SR
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
91-20-3	Naphthalene	0.0462		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:18	SR
98-95-3	Nitrobenzene	ND		ug/L	0.192	0.192	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:18	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:18	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
87-86-5	Pentachlorophenol	ND		ug/L	0.192	0.192	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:18	SR
85-01-8	Phenanthrene	0.108		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:18	SR
108-95-2	Phenol	2.07		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
129-00-0	Pyrene	0.162		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:18	SR
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:04	RB
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	19.4 %	S-08			19.7-63.1					
4165-62-2	Surrogate: SURR: Phenol-d5	11.8 %				10.1-41.7					
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	50.7 %				50.2-113					
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	46.2 %				39.9-105					
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	62.4 %				39.3-151					
1718-51-0	Surrogate: SURR: Terphenyl-d14	72.6 %				30.7-106					

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.0667	10	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/11/2018 10:38	LAB
72-55-9	4,4'-DDE	ND		ug/L	0.0667	10	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/11/2018 10:38	LAB



Sample Information

Client Sample ID: CIM-MW-03

York Sample ID: 18J0190-01

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 12:41 pm

Date Received
10/03/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

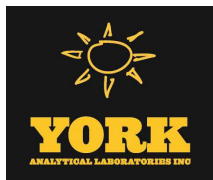
Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/L	0.0667	10	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/11/2018 10:38	LAB
309-00-2	Aldrin	ND		ug/L	0.0667	10	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/11/2018 10:38	LAB
319-84-6	alpha-BHC	ND		ug/L	0.0667	10	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/11/2018 10:38	LAB
5103-71-9	alpha-Chlordane	ND		ug/L	0.0667	10	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/11/2018 10:38	LAB
319-85-7	beta-BHC	ND		ug/L	0.0667	10	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/11/2018 10:38	LAB
57-74-9	Chlordane, total	ND		ug/L	0.333	10	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/11/2018 10:38	LAB
319-86-8	delta-BHC	ND		ug/L	0.0667	10	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/11/2018 10:38	LAB
60-57-1	Dieldrin	ND		ug/L	0.0333	10	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/11/2018 10:38	LAB
959-98-8	Endosulfan I	ND		ug/L	0.0667	10	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/11/2018 10:38	LAB
33213-65-9	Endosulfan II	ND		ug/L	0.0667	10	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/11/2018 10:38	LAB
1031-07-8	Endosulfan sulfate	ND		ug/L	0.0667	10	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/11/2018 10:38	LAB
72-20-8	Endrin	ND		ug/L	0.0667	10	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/11/2018 10:38	LAB
7421-93-4	Endrin aldehyde	ND		ug/L	0.167	10	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/11/2018 10:38	LAB
53494-70-5	Endrin ketone	ND		ug/L	0.167	10	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/11/2018 10:38	LAB
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0667	10	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/11/2018 10:38	LAB
5566-34-7	gamma-Chlordane	ND		ug/L	0.167	10	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/11/2018 10:38	LAB
76-44-8	Heptachlor	ND		ug/L	0.0667	10	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/11/2018 10:38	LAB
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0667	10	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/11/2018 10:38	LAB
72-43-5	Methoxychlor	ND		ug/L	0.0667	10	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/11/2018 10:38	LAB
8001-35-2	Toxaphene	ND		ug/L	1.67	10	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/11/2018 10:38	LAB
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	81.8 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	43.0 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: CIM-MW-03

York Sample ID: 18J0190-01

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 12:41 pm

Date Received
10/03/2018

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0833	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 15:12	LAB
11104-28-2	Aroclor 1221	ND		ug/L	0.0833	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 15:12	LAB
11141-16-5	Aroclor 1232	ND		ug/L	0.0833	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 15:12	LAB
53469-21-9	Aroclor 1242	ND		ug/L	0.0833	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 15:12	LAB
12672-29-6	Aroclor 1248	ND		ug/L	0.0833	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 15:12	LAB
11097-69-1	Aroclor 1254	ND		ug/L	0.0833	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 15:12	LAB
11096-82-5	Aroclor 1260	ND		ug/L	0.0833	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 15:12	LAB
1336-36-3	* Total PCBs	ND		ug/L	0.0833	1	EPA 8082A Certifications:	10/08/2018 08:48	10/10/2018 15:12	LAB
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	35.1 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	76.1 %	30-120							

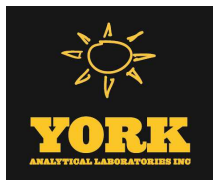
Metals, TAL, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	736		ug/L	11.1	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:32	BML
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:32	BML
7440-38-2	Arsenic	5.18		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:32	BML
7440-39-3	Barium	219		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:32	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:32	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:32	BML
7440-47-3	Chromium	1.66		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:32	BML
7440-48-4	Cobalt	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:32	BML
7440-50-8	Copper	3.94		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:32	BML
7439-89-6	* Iron	6740		ug/L	11.1	1	EPA 6020B Certifications: CTDOH	10/08/2018 15:13	10/10/2018 14:32	BML



Sample Information

Client Sample ID: CIM-MW-03

York Sample ID: 18J0190-01

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 12:41 pm

Date Received
10/03/2018

Metals, TAL, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	23.8		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:32	BML
7439-96-5	Manganese	97.8		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:32	BML
7440-02-0	Nickel	2.85		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:32	BML
7782-49-2	Selenium	2.46	B	ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:32	BML
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:32	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:32	BML
7440-62-2	Vanadium	2.27		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:32	BML
7440-66-6	Zinc	50.7		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:32	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 09:27	10/05/2018 11:37	SY

Sample Information

Client Sample ID: CIM-MW-07

York Sample ID: 18J0190-02

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 2:50 pm

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ



Sample Information

Client Sample ID: CIM-MW-07

York Sample ID: 18J0190-02

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 2:50 pm

Date Received
10/03/2018

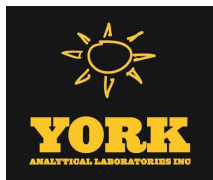
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
78-93-3	2-Butanone	0.89		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
108-10-1	4-Methyl-2-pentanone	2.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
67-64-1	Acetone	2.6		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ



Sample Information

Client Sample ID: CIM-MW-07

York Sample ID: 18J0190-02

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 2:50 pm

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	1.3		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
75-00-3	Chloroethane	0.25	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
110-82-7	Cyclohexane	0.49	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
100-41-4	Ethyl Benzene	0.46	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	5.9		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
108-87-2	Methylcyclohexane	0.37	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ



Sample Information

Client Sample ID: CIM-MW-07

York Sample ID: 18J0190-02

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 2:50 pm

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

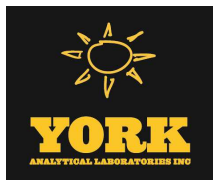
Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
95-47-6	o-Xylene	0.37	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
75-65-0	tert-Butyl alcohol (TBA)	5.8		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
108-88-3	Toluene	0.51		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
1330-20-7	Xylenes, Total	0.73	J	ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/10/2018 17:05	10/10/2018 23:51	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	93.9 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %	79-122								

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM



Sample Information

Client Sample ID: CIM-MW-07

York Sample ID: 18J0190-02

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 2:50 pm

Date Received
10/03/2018

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
120-83-2	2,4-Dichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
105-67-9	2,4-Dimethylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
51-28-5	2,4-Dinitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
95-57-8	2-Chlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
95-48-7	2-Methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
88-75-5	2-Nitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB



Sample Information

Client Sample ID: CIM-MW-07

York Sample ID: 18J0190-02

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 2:50 pm

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
100-02-7	4-Nitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
83-32-9	Acenaphthene	0.646		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:49	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:49	SR
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
62-53-3	Aniline	9.07		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
120-12-7	Anthracene	0.208		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:49	SR
1912-24-9	Atrazine	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:49	SR
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
92-87-5	Benzidine	ND		ug/L	7.69	15.4	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
56-55-3	Benzo(a)anthracene	0.0615		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:49	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:49	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:49	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:49	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:49	SR
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB



Sample Information

Client Sample ID: CIM-MW-07

York Sample ID: 18J0190-02

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 2:50 pm

Date Received
10/03/2018

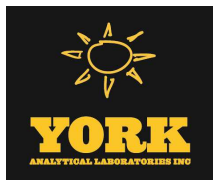
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 17:33	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 17:33	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 17:33	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 00:49	SR
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/08/2018 17:33	RB
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 17:33	RB
218-01-9	Chrysene	0.0538		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 00:49	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 00:49	SR
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 17:33	RB
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 17:33	RB
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 17:33	RB
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 17:33	RB
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 17:33	RB
206-44-0	Fluoranthene	0.462		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 00:49	SR
86-73-7	Fluorene	0.446		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/10/2018 00:49	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	0.0154	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 00:49	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 00:49	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 17:33	RB
67-72-1	Hexachloroethane	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 00:49	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 00:49	SR
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 17:33	RB
91-20-3	Naphthalene	0.585		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 00:49	SR
98-95-3	Nitrobenzene	ND		ug/L	0.192	0.192	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 00:49	SR



Sample Information

Client Sample ID: CIM-MW-07

York Sample ID: 18J0190-02

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 2:50 pm

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:49	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
87-86-5	Pentachlorophenol	ND		ug/L	0.192	0.192	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:49	SR
85-01-8	Phenanthrene	1.17		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:49	SR
108-95-2	Phenol	13.0		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
129-00-0	Pyrene	0.338		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:49	SR
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 17:33	RB
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	20.1 %	19.7-63.1								
4165-62-2	Surrogate: SURR: Phenol-d5	11.5 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	66.1 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	61.1 %	39.9-105								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	59.4 %	39.3-151								
1718-51-0	Surrogate: SURR: Terphenyl-d14	72.7 %	30.7-106								

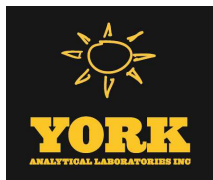
Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:33	LAB
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:33	LAB
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:33	LAB
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:33	LAB
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:33	LAB
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:33	LAB
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:33	LAB
57-74-9	Chlordane, total	ND		ug/L	0.0205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:33	LAB



Sample Information

Client Sample ID: CIM-MW-07

York Sample ID: 18J0190-02

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 2:50 pm

Date Received
10/03/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:33	LAB
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:33	LAB
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:33	LAB
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:33	LAB
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:33	LAB
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:33	LAB
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:33	LAB
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:33	LAB
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:33	LAB
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:33	LAB
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:33	LAB
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:33	LAB
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:33	LAB
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:33	LAB
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	43.3 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	47.2 %	30-150							

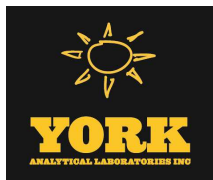
Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/04/2018 08:07	10/10/2018 15:36	LAB
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/04/2018 08:07	10/10/2018 15:36	LAB
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/04/2018 08:07	10/10/2018 15:36	LAB
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/04/2018 08:07	10/10/2018 15:36	LAB



Sample Information

Client Sample ID: CIM-MW-07

York Sample ID: 18J0190-02

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 2:50 pm

Date Received
10/03/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/04/2018 08:07	10/10/2018 15:36	LAB
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/04/2018 08:07	10/10/2018 15:36	LAB
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/04/2018 08:07	10/10/2018 15:36	LAB
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A Certifications:	10/04/2018 08:07	10/10/2018 15:36	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	96.5 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	140 %	S-GC	30-120						

Metals, TAL, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	2080		ug/L	111	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/11/2018 16:04	BML
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:37	BML
7440-38-2	Arsenic	1.79		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:37	BML
7440-39-3	Barium	409		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:37	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:37	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:37	BML
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:37	BML
7440-48-4	Cobalt	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:37	BML
7440-50-8	Copper	3.05		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:37	BML
7439-89-6	* Iron	7420		ug/L	11.1	1	EPA 6020B Certifications: CTDOH	10/08/2018 15:13	10/10/2018 14:37	BML
7439-92-1	Lead	13.3		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:37	BML
7439-96-5	Manganese	512		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:37	BML
7440-02-0	Nickel	2.02		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:37	BML
7782-49-2	Selenium	3.81	B	ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:37	BML



Sample Information

Client Sample ID: CIM-MW-07

York Sample ID: 18J0190-02

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 2:50 pm

Date Received
10/03/2018

Metals, TAL, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:37	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:37	BML
7440-62-2	Vanadium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:37	BML
7440-66-6	Zinc	25.2		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:37	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 09:27	10/05/2018 11:48	SY

Sample Information

Client Sample ID: CIM-MW-06

York Sample ID: 18J0190-03

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 3:59 pm

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ



Sample Information

Client Sample ID: CIM-MW-06

York Sample ID: 18J0190-03

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 3:59 pm

Date Received
10/03/2018

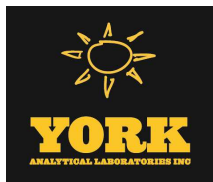
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ



Sample Information

Client Sample ID: CIM-MW-06

York Sample ID: 18J0190-03

York Project (SDG) No.

18J0190

Client Project ID

41548.00 TASK 0500

Matrix

Water

Collection Date/Time

October 1, 2018 3:59 pm

Date Received

10/03/2018

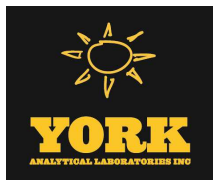
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ



Sample Information

Client Sample ID: CIM-MW-06

York Sample ID: 18J0190-03

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 3:59 pm

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/10/2018 17:05	10/11/2018 00:18	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	94.2 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	111 %	79-122								

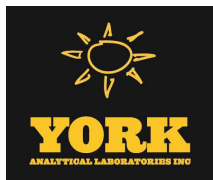
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB



Sample Information

Client Sample ID: CIM-MW-06

York Sample ID: 18J0190-03

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 3:59 pm

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

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
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
120-83-2	2,4-Dichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
105-67-9	2,4-Dimethylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
51-28-5	2,4-Dinitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
95-57-8	2-Chlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
95-48-7	2-Methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
88-75-5	2-Nitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB



Sample Information

Client Sample ID: CIM-MW-06

York Sample ID: 18J0190-03

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 3:59 pm

Date Received
10/03/2018

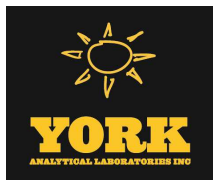
Semi-Volatiles, 8270 - Comprehensive - LL

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
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 18:03	RB
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 18:03	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 18:03	RB
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 18:03	RB
100-02-7	4-Nitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 18:03	RB
83-32-9	Acenaphthene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:21	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:21	SR
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/08/2018 18:03	RB
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/08/2018 18:03	RB
120-12-7	Anthracene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:21	SR
1912-24-9	Atrazine	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:21	SR
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/08/2018 18:03	RB
92-87-5	Benzidine	ND		ug/L	7.69	15.4	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 18:03	RB
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:21	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:21	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:21	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:21	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:21	SR
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/08/2018 18:03	RB
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/08/2018 18:03	RB
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 18:03	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 18:03	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 18:03	RB



Sample Information

Client Sample ID: CIM-MW-06

York Sample ID: 18J0190-03

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 3:59 pm

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 18:03	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:21	SR
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/08/2018 18:03	RB
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 18:03	RB
218-01-9	Chrysene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:21	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:21	SR
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 18:03	RB
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 18:03	RB
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 18:03	RB
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 18:03	RB
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 18:03	RB
206-44-0	Fluoranthene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:21	SR
86-73-7	Fluorene	0.192		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:21	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	0.0154	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:21	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:21	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 18:03	RB
67-72-1	Hexachloroethane	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:21	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:21	SR
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 18:03	RB
91-20-3	Naphthalene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:21	SR
98-95-3	Nitrobenzene	ND		ug/L	0.192	0.192	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:21	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:21	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 18:03	RB



Sample Information

Client Sample ID: CIM-MW-06

York Sample ID: 18J0190-03

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 3:59 pm

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
87-86-5	Pentachlorophenol	ND		ug/L	0.192	0.192	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:21	SR
85-01-8	Phenanthrene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:21	SR
108-95-2	Phenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
129-00-0	Pyrene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:21	SR
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:03	RB
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	16.8 %	S-08	19.7-63.1							
4165-62-2	Surrogate: SURR: Phenol-d5	12.2 %		10.1-41.7							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	59.4 %		50.2-113							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	54.9 %		39.9-105							
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	55.2 %		39.3-151							
1718-51-0	Surrogate: SURR: Terphenyl-d14	62.1 %		30.7-106							

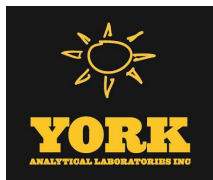
Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:48	LAB
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:48	LAB
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:48	LAB
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:48	LAB
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:48	LAB
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:48	LAB
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:48	LAB
57-74-9	Chlordane, total	ND		ug/L	0.0205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:48	LAB
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:48	LAB
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:48	LAB



Sample Information

Client Sample ID: CIM-MW-06

York Sample ID: 18J0190-03

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 3:59 pm

Date Received
10/03/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:48	LAB
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:48	LAB
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:48	LAB
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:48	LAB
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:48	LAB
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:48	LAB
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:48	LAB
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:48	LAB
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:48	LAB
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:48	LAB
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:48	LAB
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/04/2018 08:07	10/05/2018 12:48	LAB
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	55.4 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	39.6 %	30-150							

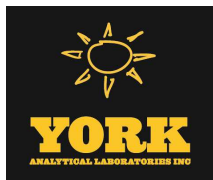
Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/04/2018 08:07	10/10/2018 16:00	LAB
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/04/2018 08:07	10/10/2018 16:00	LAB
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/04/2018 08:07	10/10/2018 16:00	LAB
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/04/2018 08:07	10/10/2018 16:00	LAB
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/04/2018 08:07	10/10/2018 16:00	LAB
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/04/2018 08:07	10/10/2018 16:00	LAB



Sample Information

Client Sample ID: CIM-MW-06

York Sample ID: 18J0190-03

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 3:59 pm

Date Received
10/03/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/04/2018 08:07	10/10/2018 16:00	LAB
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A Certifications:	10/04/2018 08:07	10/10/2018 16:00	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	85.6 %								
2051-24-3	Surrogate: Decachlorobiphenyl	130 %	S-GC							

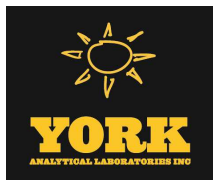
Metals, TAL, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	34.9		ug/L	11.1	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:41	BML
7440-36-0	Antimony	1.71		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:41	BML
7440-38-2	Arsenic	1.66		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:41	BML
7440-39-3	Barium	218		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:41	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:41	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:41	BML
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:41	BML
7440-48-4	Cobalt	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:41	BML
7440-50-8	Copper	4.80		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:41	BML
7439-89-6	* Iron	2160		ug/L	11.1	1	EPA 6020B Certifications: CTDOH	10/08/2018 15:13	10/10/2018 14:41	BML
7439-92-1	Lead	99.6		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:41	BML
7439-96-5	Manganese	189		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:41	BML
7440-02-0	Nickel	1.98		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:41	BML
7782-49-2	Selenium	1.95	B	ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:41	BML
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:41	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:41	BML



Sample Information

Client Sample ID: CIM-MW-06

York Sample ID: 18J0190-03

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 3:59 pm

Date Received
10/03/2018

Metals, TAL, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	1.75		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:41	BML
7440-66-6	Zinc	33.4		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:41	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 09:27	10/05/2018 12:21	SY

Sample Information

Client Sample ID: CIM-MW-09

York Sample ID: 18J0190-04

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 10:25 am

Date Received
10/03/2018

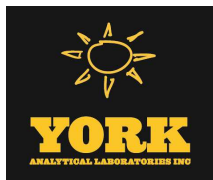
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ



Sample Information

Client Sample ID: CIM-MW-09

York Sample ID: 18J0190-04

York Project (SDG) No.

18J0190

Client Project ID

41548.00 TASK 0500

Matrix

Water

Collection Date/Time

October 2, 2018 10:25 am

Date Received

10/03/2018

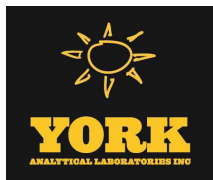
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
71-43-2	Benzene	0.32	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ



Sample Information

Client Sample ID: CIM-MW-09

York Sample ID: 18J0190-04

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 10:25 am

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
156-59-2	cis-1,2-Dichloroethylene	0.38	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ



Sample Information

Client Sample ID: CIM-MW-09

York Sample ID: 18J0190-04

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 10:25 am

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
156-60-5	trans-1,2-Dichloroethylene	0.51		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/10/2018 17:05	10/11/2018 00:44	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	94.1 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	111 %	79-122								

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB



Sample Information

Client Sample ID: CIM-MW-09

York Sample ID: 18J0190-04

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 10:25 am

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

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
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
120-83-2	2,4-Dichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
105-67-9	2,4-Dimethylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
51-28-5	2,4-Dinitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
95-57-8	2-Chlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
95-48-7	2-Methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
88-75-5	2-Nitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB



Sample Information

Client Sample ID: CIM-MW-09

York Sample ID: 18J0190-04

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

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Collection Date/Time
October 2, 2018 10:25 am

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10/03/2018

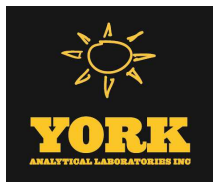
Semi-Volatiles, 8270 - Comprehensive - LL

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
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
100-02-7	4-Nitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
83-32-9	Acenaphthene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:52	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:52	SR
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
120-12-7	Anthracene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:52	SR
1912-24-9	Atrazine	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:52	SR
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
92-87-5	Benzidine	ND		ug/L	7.69	15.4	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:52	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:52	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:52	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:52	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:52	SR
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:52	SR



Sample Information

Client Sample ID: CIM-MW-09

York Sample ID: 18J0190-04

York Project (SDG) No.

18J0190

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41548.00 TASK 0500

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Collection Date/Time

October 2, 2018 10:25 am

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10/03/2018

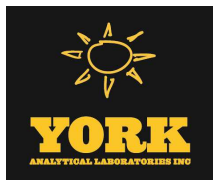
Semi-Volatiles, 8270 - Comprehensive - LL

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
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
218-01-9	Chrysene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:52	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:52	SR
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
206-44-0	Fluoranthene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:52	SR
86-73-7	Fluorene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:52	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	0.0154	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:52	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:52	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
67-72-1	Hexachloroethane	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:52	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:52	SR
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
91-20-3	Naphthalene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:52	SR
98-95-3	Nitrobenzene	ND		ug/L	0.192	0.192	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:52	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:52	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
87-86-5	Pentachlorophenol	ND		ug/L	0.192	0.192	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:52	SR



Sample Information

Client Sample ID: CIM-MW-09

York Sample ID: 18J0190-04

York Project (SDG) No.
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Client Project ID
41548.00 TASK 0500

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Collection Date/Time
October 2, 2018 10:25 am

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

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
85-01-8	Phenanthrene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:52	SR
108-95-2	Phenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
129-00-0	Pyrene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:52	SR
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 18:33	RB
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	33.1 %			19.7-63.1						
4165-62-2	Surrogate: SURR: Phenol-d5	19.2 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	106 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	72.7 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	98.9 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	109 %	S-08		30.7-106						

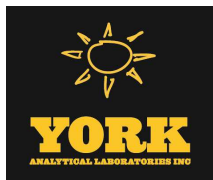
Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:39	LAB
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:39	LAB
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:39	LAB
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:39	LAB
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:39	LAB
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:39	LAB
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:39	LAB
57-74-9	Chlordane, total	ND		ug/L	0.0205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:39	LAB
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:39	LAB
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:39	LAB
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:39	LAB
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:39	LAB



Sample Information

Client Sample ID: CIM-MW-09

York Sample ID: 18J0190-04

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 10:25 am

Date Received
10/03/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:39	LAB
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:39	LAB
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:39	LAB
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:39	LAB
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:39	LAB
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:39	LAB
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:39	LAB
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:39	LAB
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:39	LAB
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:39	LAB
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	53.2 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	41.4 %	30-150							

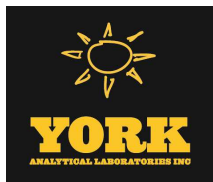
Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 16:24	LAB
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 16:24	LAB
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 16:24	LAB
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 16:24	LAB
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 16:24	LAB
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 16:24	LAB
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 16:24	LAB
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A Certifications:	10/08/2018 08:48	10/10/2018 16:24	LAB
Surrogate Recoveries		Result	Acceptance Range							



Sample Information

Client Sample ID: CIM-MW-09

York Sample ID: 18J0190-04

York Project (SDG) No.

18J0190

Client Project ID

41548.00 TASK 0500

Matrix

Water

Collection Date/Time

October 2, 2018 10:25 am

Date Received

10/03/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	Surrogate: Tetrachloro-m-xylene	71.8 %			30-120					
2051-24-3	Surrogate: Decachlorobiphenyl	119 %			30-120					

Metals, TAL, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		ug/L	11.1	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:46	BML
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:46	BML
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:46	BML
7440-39-3	Barium	90.1		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:46	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:46	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:46	BML
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:46	BML
7440-48-4	Cobalt	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:46	BML
7440-50-8	Copper	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:46	BML
7439-89-6	* Iron	1230		ug/L	11.1	1	EPA 6020B Certifications: CTDOH	10/08/2018 15:13	10/10/2018 14:46	BML
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:46	BML
7439-96-5	Manganese	681		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:46	BML
7440-02-0	Nickel	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:46	BML
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:46	BML
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:46	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:46	BML
7440-62-2	Vanadium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:46	BML
7440-66-6	Zinc	9.33		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:46	BML



Sample Information

Client Sample ID: CIM-MW-09

York Sample ID: 18J0190-04

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 10:25 am

Date Received
10/03/2018

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 09:27	10/05/2018 12:32	SY

Sample Information

Client Sample ID: CIM-MW-04

York Sample ID: 18J0190-05

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 11:29 am

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ



Sample Information

Client Sample ID: CIM-MW-04

York Sample ID: 18J0190-05

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 11:29 am

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
67-64-1	Acetone	1.1	J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ



Sample Information

Client Sample ID: CIM-MW-04

York Sample ID: 18J0190-05

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 11:29 am

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	2.7		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
75-65-0	tert-Butyl alcohol (TBA)	18		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ



Sample Information

Client Sample ID: CIM-MW-04

York Sample ID: 18J0190-05

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 11:29 am

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/10/2018 17:05	10/11/2018 01:11	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	93.0 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	109 %	79-122								

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB



Sample Information

Client Sample ID: CIM-MW-04

York Sample ID: 18J0190-05

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 11:29 am

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:25	RB
105-67-9	2,4-Dimethylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:25	RB
51-28-5	2,4-Dinitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:25	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:25	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:25	RB
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:25	RB
95-57-8	2-Chlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:25	RB
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:25	RB
95-48-7	2-Methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:25	RB
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:25	RB
88-75-5	2-Nitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:25	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:25	RB
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:25	RB
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:25	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:25	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:25	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:25	RB
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:25	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:25	RB
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:25	RB
100-02-7	4-Nitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 01:25	RB
83-32-9	Acenaphthene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 02:23	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/10/2018 02:23	SR



Sample Information

Client Sample ID: CIM-MW-04

York Sample ID: 18J0190-05

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 11:29 am

Date Received
10/03/2018

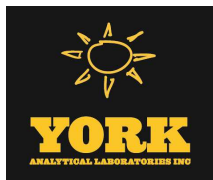
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
120-12-7	Anthracene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 02:23	SR
1912-24-9	Atrazine	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 02:23	SR
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
92-87-5	Benzidine	ND		ug/L	7.69	15.4	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 02:23	SR
50-32-8	Benzo(a)pyrene	0.0385		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 02:23	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 02:23	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 02:23	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 02:23	SR
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 02:23	SR
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
218-01-9	Chrysene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 02:23	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 02:23	SR
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB



Sample Information

Client Sample ID: CIM-MW-04

York Sample ID: 18J0190-05

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 11:29 am

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by 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	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
206-44-0	Fluoranthene	0.0615		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 02:23	SR
86-73-7	Fluorene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 02:23	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	0.0154	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 02:23	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 02:23	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
67-72-1	Hexachloroethane	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 02:23	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 02:23	SR
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
91-20-3	Naphthalene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 02:23	SR
98-95-3	Nitrobenzene	ND		ug/L	0.192	0.192	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 02:23	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 02:23	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
87-86-5	Pentachlorophenol	ND		ug/L	0.192	0.192	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 02:23	SR
85-01-8	Phenanthrene	0.0615		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 02:23	SR
108-95-2	Phenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
129-00-0	Pyrene	0.0538		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 02:23	SR
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 01:25	RB
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	35.7 %	19.7-63.1								



Sample Information

Client Sample ID: CIM-MW-04

York Sample ID: 18J0190-05

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 11:29 am

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-62-2	Surrogate: SURR: Phenol-d5	19.1 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	92.1 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	85.3 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	78.6 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	106 %			30.7-106						

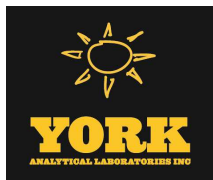
Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:54	LAB
72-55-9	4,4'-DDE	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:54	LAB
50-29-3	4,4'-DDT	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:54	LAB
309-00-2	Aldrin	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:54	LAB
319-84-6	alpha-BHC	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:54	LAB
5103-71-9	alpha-Chlordane	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:54	LAB
319-85-7	beta-BHC	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:54	LAB
57-74-9	Chlordane, total	ND		ug/L	0.0286	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:54	LAB
319-86-8	delta-BHC	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:54	LAB
60-57-1	Dieldrin	ND		ug/L	0.00286	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:54	LAB
959-98-8	Endosulfan I	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:54	LAB
33213-65-9	Endosulfan II	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:54	LAB
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:54	LAB
72-20-8	Endrin	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:54	LAB
7421-93-4	Endrin aldehyde	ND		ug/L	0.0143	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:54	LAB
53494-70-5	Endrin ketone	ND		ug/L	0.0143	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:54	LAB
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:54	LAB



Sample Information

Client Sample ID: CIM-MW-04

York Sample ID: 18J0190-05

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 11:29 am

Date Received
10/03/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		ug/L	0.0143	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:54	LAB
76-44-8	Heptachlor	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:54	LAB
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:54	LAB
72-43-5	Methoxychlor	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:54	LAB
8001-35-2	Toxaphene	ND		ug/L	0.143	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 18:54	LAB
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	54.1 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	45.3 %								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 16:48	LAB
11104-28-2	Aroclor 1221	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 16:48	LAB
11141-16-5	Aroclor 1232	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 16:48	LAB
53469-21-9	Aroclor 1242	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 16:48	LAB
12672-29-6	Aroclor 1248	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 16:48	LAB
11097-69-1	Aroclor 1254	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 16:48	LAB
11096-82-5	Aroclor 1260	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 16:48	LAB
1336-36-3	* Total PCBs	ND		ug/L	0.0714	1	EPA 8082A Certifications:	10/08/2018 08:48	10/10/2018 16:48	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	74.8 %								
2051-24-3	Surrogate: Decachlorobiphenyl	96.5 %								

Metals, TAL, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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

Client Sample ID: CIM-MW-04

York Sample ID: 18J0190-05

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 11:29 am

Date Received
10/03/2018

Metals, TAL, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	534		ug/L	11.1	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:50	BML
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:50	BML
7440-38-2	Arsenic	10.7		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:50	BML
7440-39-3	Barium	269		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:50	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:50	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:50	BML
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:50	BML
7440-48-4	Cobalt	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:50	BML
7440-50-8	Copper	3.59		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:50	BML
7439-89-6	* Iron	9930		ug/L	11.1	1	EPA 6020B Certifications: CTDOH	10/08/2018 15:13	10/10/2018 14:50	BML
7439-92-1	Lead	53.3		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:50	BML
7439-96-5	Manganese	269		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:50	BML
7440-02-0	Nickel	1.20		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:50	BML
7782-49-2	Selenium	4.89	B	ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:50	BML
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:50	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:50	BML
7440-62-2	Vanadium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:50	BML
7440-66-6	Zinc	26.8		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:50	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 09:27	10/05/2018 12:43	SY



Sample Information

Client Sample ID: CIM-MW-04

York Sample ID: 18J0190-05

<u>York Project (SDG) No.</u> 18J0190	<u>Client Project ID</u> 41548.00 TASK 0500	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 2, 2018 11:29 am	<u>Date Received</u> 10/03/2018
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Sample Information

Client Sample ID: CIM-MW-08

York Sample ID: 18J0190-06

<u>York Project (SDG) No.</u> 18J0190	<u>Client Project ID</u> 41548.00 TASK 0500	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 2, 2018 12:39 pm	<u>Date Received</u> 10/03/2018
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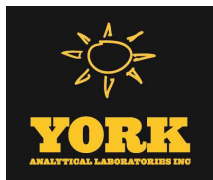
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
107-06-2	1,2-Dichloroethane	0.55		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ



Sample Information

Client Sample ID: CIM-MW-08

York Sample ID: 18J0190-06

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 12:39 pm

Date Received
10/03/2018

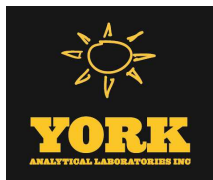
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/11/2018 01:02	10/11/2018 06:31	LLJ
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications:	10/11/2018 01:02	10/11/2018 06:31	LLJ
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/11/2018 01:02	10/11/2018 06:31	LLJ
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/11/2018 01:02	10/11/2018 06:31	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/11/2018 01:02	10/11/2018 06:31	LLJ
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	10/11/2018 01:02	10/11/2018 06:31	LLJ
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/11/2018 01:02	10/11/2018 06:31	LLJ
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/11/2018 01:02	10/11/2018 06:31	LLJ
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/11/2018 01:02	10/11/2018 06:31	LLJ
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/11/2018 01:02	10/11/2018 06:31	LLJ
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/11/2018 01:02	10/11/2018 06:31	LLJ
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/11/2018 01:02	10/11/2018 06:31	LLJ
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/11/2018 01:02	10/11/2018 06:31	LLJ
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/11/2018 01:02	10/11/2018 06:31	LLJ
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/11/2018 01:02	10/11/2018 06:31	LLJ
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/11/2018 01:02	10/11/2018 06:31	LLJ
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/11/2018 01:02	10/11/2018 06:31	LLJ
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/11/2018 01:02	10/11/2018 06:31	LLJ
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/11/2018 01:02	10/11/2018 06:31	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/11/2018 01:02	10/11/2018 06:31	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/11/2018 01:02	10/11/2018 06:31	LLJ
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/11/2018 01:02	10/11/2018 06:31	LLJ
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/11/2018 01:02	10/11/2018 06:31	LLJ



Sample Information

Client Sample ID: CIM-MW-08

York Sample ID: 18J0190-06

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 12:39 pm

Date Received
10/03/2018

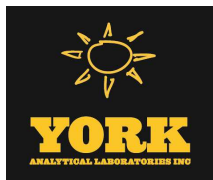
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/11/2018 01:02	10/11/2018 06:31	LLJ



Sample Information

Client Sample ID: CIM-MW-08

York Sample ID: 18J0190-06

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 12:39 pm

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/11/2018 01:02	10/11/2018 06:31	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	96.1 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	114 %	79-122								

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
120-83-2	2,4-Dichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
105-67-9	2,4-Dimethylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
51-28-5	2,4-Dinitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB



Sample Information

Client Sample ID: CIM-MW-08

York Sample ID: 18J0190-06

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 12:39 pm

Date Received
10/03/2018

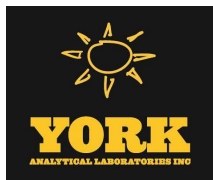
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 19:31	RB
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 19:31	RB
95-57-8	2-Chlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 19:31	RB
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 19:31	RB
95-48-7	2-Methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 19:31	RB
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 19:31	RB
88-75-5	2-Nitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 19:31	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 19:31	RB
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 19:31	RB
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 19:31	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 19:31	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 19:31	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 19:31	RB
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 19:31	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 19:31	RB
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 19:31	RB
100-02-7	4-Nitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 19:31	RB
83-32-9	Acenaphthene	0.0538		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 21:11	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 21:11	SR
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/08/2018 19:31	RB
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/08/2018 19:31	RB
120-12-7	Anthracene	0.0538		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 21:11	SR
1912-24-9	Atrazine	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/09/2018 21:11	SR



Sample Information

Client Sample ID: CIM-MW-08

York Sample ID: 18J0190-06

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 12:39 pm

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
92-87-5	Benzidine	ND		ug/L	7.69	15.4	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
56-55-3	Benzo(a)anthracene	0.0846		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:11	SR
50-32-8	Benzo(a)pyrene	0.0769		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:11	SR
205-99-2	Benzo(b)fluoranthene	0.0692		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:11	SR
191-24-2	Benzo(g,h,i)perylene	0.0615		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:11	SR
207-08-9	Benzo(k)fluoranthene	0.0692		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:11	SR
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:11	SR
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
218-01-9	Chrysene	0.0846		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:11	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:11	SR
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB



Sample Information

Client Sample ID: CIM-MW-08

York Sample ID: 18J0190-06

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 12:39 pm

Date Received
10/03/2018

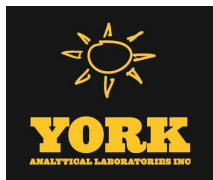
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	0.215		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:11	SR
86-73-7	Fluorene	0.0538		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:11	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	0.0154	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:11	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:11	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
67-72-1	Hexachloroethane	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:11	SR
193-39-5	Indeno(1,2,3-cd)pyrene	0.0538		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:11	SR
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
91-20-3	Naphthalene	0.0462		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:11	SR
98-95-3	Nitrobenzene	ND		ug/L	0.192	0.192	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:11	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:11	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
87-86-5	Pentachlorophenol	ND		ug/L	0.192	0.192	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:11	SR
85-01-8	Phenanthrene	0.192		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:11	SR
108-95-2	Phenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
129-00-0	Pyrene	0.177		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:11	SR
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 19:31	RB
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	27.4 %	19.7-63.1								
4165-62-2	Surrogate: SURR: Phenol-d5	16.5 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	78.9 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	71.1 %	39.9-105								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	74.4 %	39.3-151								
1718-51-0	Surrogate: SURR: Terphenyl-d14	77.8 %	30.7-106								



Sample Information

Client Sample ID: CIM-MW-08

York Sample ID: 18J0190-06

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 12:39 pm

Date Received
10/03/2018

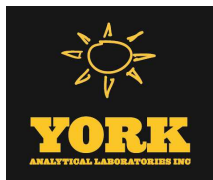
Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:09	LAB
72-55-9	4,4'-DDE	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:09	LAB
50-29-3	4,4'-DDT	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:09	LAB
309-00-2	Aldrin	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:09	LAB
319-84-6	alpha-BHC	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:09	LAB
5103-71-9	alpha-Chlordane	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:09	LAB
319-85-7	beta-BHC	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:09	LAB
57-74-9	Chlordane, total	ND		ug/L	0.0286	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:09	LAB
319-86-8	delta-BHC	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:09	LAB
60-57-1	Dieldrin	ND		ug/L	0.00286	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:09	LAB
959-98-8	Endosulfan I	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:09	LAB
33213-65-9	Endosulfan II	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:09	LAB
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:09	LAB
72-20-8	Endrin	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:09	LAB
7421-93-4	Endrin aldehyde	ND		ug/L	0.0143	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:09	LAB
53494-70-5	Endrin ketone	ND		ug/L	0.0143	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:09	LAB
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:09	LAB
5566-34-7	gamma-Chlordane	ND		ug/L	0.0143	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:09	LAB
76-44-8	Heptachlor	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:09	LAB
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:09	LAB
72-43-5	Methoxychlor	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:09	LAB
8001-35-2	Toxaphene	ND		ug/L	0.143	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:09	LAB
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	48.4 %	30-150							



Sample Information

Client Sample ID: CIM-MW-08

York Sample ID: 18J0190-06

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 12:39 pm

Date Received
10/03/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	Surrogate: Tetrachloro-m-xylene	31.4 %			30-150					

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 17:12	LAB
11104-28-2	Aroclor 1221	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 17:12	LAB
11141-16-5	Aroclor 1232	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 17:12	LAB
53469-21-9	Aroclor 1242	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 17:12	LAB
12672-29-6	Aroclor 1248	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 17:12	LAB
11097-69-1	Aroclor 1254	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 17:12	LAB
11096-82-5	Aroclor 1260	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 17:12	LAB
1336-36-3	* Total PCBs	ND		ug/L	0.0714	1	EPA 8082A Certifications:	10/08/2018 08:48	10/10/2018 17:12	LAB

Surrogate Recoveries		Result	Acceptance Range
877-09-8	Surrogate: Tetrachloro-m-xylene	52.0 %	30-120
2051-24-3	Surrogate: Decachlorobiphenyl	97.5 %	30-120

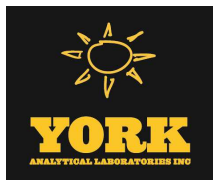
Metals, TAL, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	99.9		ug/L	11.1	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:55	BML
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:55	BML
7440-38-2	Arsenic	3.22		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:55	BML
7440-39-3	Barium	141		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:55	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:55	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:55	BML



Sample Information

Client Sample ID: CIM-MW-08

York Sample ID: 18J0190-06

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 12:39 pm

Date Received
10/03/2018

Metals, TAL, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:55	BML
7440-48-4	Cobalt	1.20		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:55	BML
7440-50-8	Copper	3.34		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:55	BML
7439-89-6	* Iron	4160		ug/L	11.1	1	EPA 6020B Certifications: CTDOH	10/08/2018 15:13	10/10/2018 14:55	BML
7439-92-1	Lead	32.1		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:55	BML
7439-96-5	Manganese	512		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:55	BML
7440-02-0	Nickel	3.55		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:55	BML
7782-49-2	Selenium	1.44	B	ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:55	BML
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:55	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:55	BML
7440-62-2	Vanadium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:55	BML
7440-66-6	Zinc	32.3		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:55	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 09:27	10/05/2018 12:54	SY

Sample Information

Client Sample ID: CIM-MW-05

York Sample ID: 18J0190-07

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 1:30 pm

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: CIM-MW-05

York Sample ID: 18J0190-07

York Project (SDG) No.

18J0190

Client Project ID

41548.00 TASK 0500

Matrix

Water

Collection Date/Time

October 2, 2018 1:30 pm

Date Received

10/03/2018

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
107-06-2	1,2-Dichloroethane	0.57		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ



Sample Information

Client Sample ID: CIM-MW-05

York Sample ID: 18J0190-07

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 1:30 pm

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
107-13-1	Acrylonitrile	0.48	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
110-82-7	Cyclohexane	0.31	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
79-20-9	Methyl acetate	0.58		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ



Sample Information

Client Sample ID: CIM-MW-05

York Sample ID: 18J0190-07

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 1:30 pm

Date Received
10/03/2018

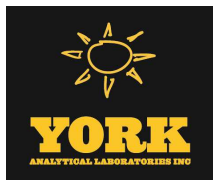
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	4.0		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
75-65-0	tert-Butyl alcohol (TBA)	5.0		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/11/2018 01:02	10/11/2018 06:57	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	92.5 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	112 %	79-122								



Sample Information

Client Sample ID: CIM-MW-05

York Sample ID: 18J0190-07

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 1:30 pm

Date Received
10/03/2018

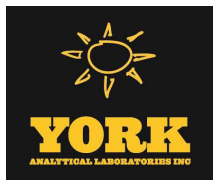
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
120-83-2	2,4-Dichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
105-67-9	2,4-Dimethylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
51-28-5	2,4-Dinitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
95-57-8	2-Chlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
95-48-7	2-Methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
88-75-5	2-Nitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB



Sample Information

Client Sample ID: CIM-MW-05

York Sample ID: 18J0190-07

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 1:30 pm

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
100-02-7	4-Nitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
83-32-9	Acenaphthene	0.754		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:42	SR
208-96-8	Acenaphthylene	0.0846		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:42	SR
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
120-12-7	Anthracene	0.108		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:42	SR
1912-24-9	Atrazine	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:42	SR
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
92-87-5	Benzidine	ND		ug/L	7.69	15.4	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:42	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:42	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:42	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:42	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:42	SR
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB



Sample Information

Client Sample ID: CIM-MW-05

York Sample ID: 18J0190-07

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 1:30 pm

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by 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	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:42	SR
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
218-01-9	Chrysene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:42	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:42	SR
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
206-44-0	Fluoranthene	0.738		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:42	SR
86-73-7	Fluorene	0.562		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:42	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	0.0154	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:42	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:42	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
67-72-1	Hexachloroethane	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:42	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:42	SR
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
91-20-3	Naphthalene	0.0385		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:42	SR



Sample Information

Client Sample ID: CIM-MW-05

York Sample ID: 18J0190-07

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 1:30 pm

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by 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	0.192	0.192	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:42	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:42	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
87-86-5	Pentachlorophenol	ND		ug/L	0.192	0.192	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:42	SR
85-01-8	Phenanthrene	0.608		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:42	SR
108-95-2	Phenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
129-00-0	Pyrene	0.831		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 21:42	SR
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/08/2018 20:01	RB
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	19.8 %	19.7-63.1								
4165-62-2	Surrogate: SURR: Phenol-d5	11.5 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	61.9 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	63.9 %	39.9-105								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	54.1 %	39.3-151								
1718-51-0	Surrogate: SURR: Terphenyl-d14	64.1 %	30.7-106								

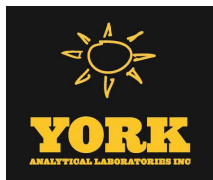
Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:24	LAB
72-55-9	4,4'-DDE	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:24	LAB
50-29-3	4,4'-DDT	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:24	LAB
309-00-2	Aldrin	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:24	LAB
319-84-6	alpha-BHC	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:24	LAB
5103-71-9	alpha-Chlordane	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:24	LAB
319-85-7	beta-BHC	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:24	LAB



Sample Information

Client Sample ID: CIM-MW-05

York Sample ID: 18J0190-07

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 1:30 pm

Date Received
10/03/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.0286	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:24	LAB
319-86-8	delta-BHC	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:24	LAB
60-57-1	Dieldrin	ND		ug/L	0.00286	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:24	LAB
959-98-8	Endosulfan I	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:24	LAB
33213-65-9	Endosulfan II	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:24	LAB
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:24	LAB
72-20-8	Endrin	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:24	LAB
7421-93-4	Endrin aldehyde	ND		ug/L	0.0143	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:24	LAB
53494-70-5	Endrin ketone	ND		ug/L	0.0143	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:24	LAB
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:24	LAB
5566-34-7	gamma-Chlordane	ND		ug/L	0.0143	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:24	LAB
76-44-8	Heptachlor	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:24	LAB
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:24	LAB
72-43-5	Methoxychlor	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:24	LAB
8001-35-2	Toxaphene	ND		ug/L	0.143	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:24	LAB
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	48.8 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	49.4 %	30-150							

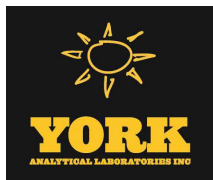
Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 17:36	LAB
11104-28-2	Aroclor 1221	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 17:36	LAB
11141-16-5	Aroclor 1232	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 17:36	LAB



Sample Information

Client Sample ID: CIM-MW-05

York Sample ID: 18J0190-07

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 1:30 pm

Date Received
10/03/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 17:36	LAB
12672-29-6	Aroclor 1248	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 17:36	LAB
11097-69-1	Aroclor 1254	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 17:36	LAB
11096-82-5	Aroclor 1260	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 17:36	LAB
1336-36-3	* Total PCBs	ND		ug/L	0.0714	1	EPA 8082A Certifications:	10/08/2018 08:48	10/10/2018 17:36	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	76.7 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	99.5 %		30-120						

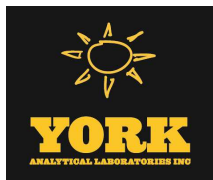
Metals, TAL, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	26.9		ug/L	11.1	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:59	BML
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:59	BML
7440-38-2	Arsenic	9.10		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:59	BML
7440-39-3	Barium	231		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:59	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:59	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:59	BML
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:59	BML
7440-48-4	Cobalt	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:59	BML
7440-50-8	Copper	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:59	BML
7439-89-6	* Iron	10400		ug/L	11.1	1	EPA 6020B Certifications: CTDOH	10/08/2018 15:13	10/10/2018 14:59	BML
7439-92-1	Lead	1.49		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:59	BML
7439-96-5	Manganese	397		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:59	BML
7440-02-0	Nickel	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:59	BML



Sample Information

Client Sample ID: CIM-MW-05

York Sample ID: 18J0190-07

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 1:30 pm

Date Received
10/03/2018

Metals, TAL, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	2.37	B	ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:59	BML
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:59	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:59	BML
7440-62-2	Vanadium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:59	BML
7440-66-6	Zinc	10.2		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 14:59	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 09:27	10/05/2018 13:05	SY

Sample Information

Client Sample ID: CIM-MW-10

York Sample ID: 18J0190-08

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 2:17 pm

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ



Sample Information

Client Sample ID: CIM-MW-10

York Sample ID: 18J0190-08

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 2:17 pm

Date Received
10/03/2018

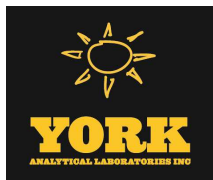
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
107-06-2	1,2-Dichloroethane	0.55		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ



Sample Information

Client Sample ID: CIM-MW-10

York Sample ID: 18J0190-08

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 2:17 pm

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
79-20-9	Methyl acetate	0.22	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	2.7		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ



Sample Information

Client Sample ID: CIM-MW-10

York Sample ID: 18J0190-08

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 2:17 pm

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
75-65-0	tert-Butyl alcohol (TBA)	10		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/11/2018 01:02	10/11/2018 07:24	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	94.2 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	112 %	79-122								

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB



Sample Information

Client Sample ID: CIM-MW-10

York Sample ID: 18J0190-08

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 2:17 pm

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
120-83-2	2,4-Dichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
105-67-9	2,4-Dimethylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
51-28-5	2,4-Dinitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
95-57-8	2-Chlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
95-48-7	2-Methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
88-75-5	2-Nitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB



Sample Information

Client Sample ID: CIM-MW-10

York Sample ID: 18J0190-08

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 2:17 pm

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:26	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:26	RB
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:26	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:26	RB
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:26	RB
100-02-7	4-Nitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:26	RB
83-32-9	Acenaphthene	0.362		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:14	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:14	SR
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:26	RB
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:26	RB
120-12-7	Anthracene	0.0462		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:14	SR
1912-24-9	Atrazine	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:14	SR
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:26	RB
92-87-5	Benzidine	ND		ug/L	7.69	15.4	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:26	RB
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:14	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:14	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:14	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:14	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:14	SR
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:26	RB
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:26	RB
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:26	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:26	RB



Sample Information

Client Sample ID: CIM-MW-10

York Sample ID: 18J0190-08

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 2:17 pm

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:26	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:26	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:14	SR
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:26	RB
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:26	RB
218-01-9	Chrysene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:14	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:14	SR
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:26	RB
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:26	RB
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:26	RB
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:26	RB
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:26	RB
206-44-0	Fluoranthene	0.0385		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:14	SR
86-73-7	Fluorene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:14	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	0.0154	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:14	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:14	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:26	RB
67-72-1	Hexachloroethane	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:14	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:14	SR
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:26	RB
91-20-3	Naphthalene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:14	SR
98-95-3	Nitrobenzene	ND		ug/L	0.192	0.192	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:14	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:14	SR



Sample Information

Client Sample ID: CIM-MW-10

York Sample ID: 18J0190-08

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 2:17 pm

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
87-86-5	Pentachlorophenol	ND		ug/L	0.192	0.192	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:14	SR
85-01-8	Phenanthrene	0.285		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:14	SR
108-95-2	Phenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
129-00-0	Pyrene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:14	SR
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:26	RB
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	24.5 %	19.7-63.1								
4165-62-2	Surrogate: SURR: Phenol-d5	14.3 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	77.3 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	77.5 %	39.9-105								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	65.1 %	39.3-151								
1718-51-0	Surrogate: SURR: Terphenyl-d14	98.1 %	30.7-106								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:39	LAB
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:39	LAB
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:39	LAB
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:39	LAB
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:39	LAB
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:39	LAB
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:39	LAB
57-74-9	Chlordane, total	ND		ug/L	0.0205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:39	LAB
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:39	LAB



Sample Information

Client Sample ID: CIM-MW-10

York Sample ID: 18J0190-08

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 2:17 pm

Date Received
10/03/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:39	LAB
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:39	LAB
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:39	LAB
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:39	LAB
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:39	LAB
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:39	LAB
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:39	LAB
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:39	LAB
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:39	LAB
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:39	LAB
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:39	LAB
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:39	LAB
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 19:39	LAB
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	54.6 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	42.7 %	30-150							

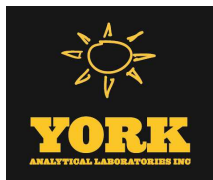
Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 18:01	LAB
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 18:01	LAB
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 18:01	LAB
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 18:01	LAB
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 18:01	LAB



Sample Information

Client Sample ID: CIM-MW-10

York Sample ID: 18J0190-08

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 2:17 pm

Date Received
10/03/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 18:01	LAB
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 18:01	LAB
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A Certifications:	10/08/2018 08:48	10/10/2018 18:01	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	85.6 %								
2051-24-3	Surrogate: Decachlorobiphenyl	128 %	S-GC							

Metals, TAL, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		ug/L	11.1	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:13	BML
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:13	BML
7440-38-2	Arsenic	15.3		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:13	BML
7440-39-3	Barium	245		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:13	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:13	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:13	BML
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:13	BML
7440-48-4	Cobalt	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:13	BML
7440-50-8	Copper	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:13	BML
7439-89-6	* Iron	19300		ug/L	111	10	EPA 6020B Certifications: CTDOH	10/08/2018 15:13	10/11/2018 16:09	BML
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:13	BML
7439-96-5	Manganese	897		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:13	BML
7440-02-0	Nickel	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:13	BML
7782-49-2	Selenium	2.07	B	ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:13	BML
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:13	BML



Sample Information

Client Sample ID: CIM-MW-10

York Sample ID: 18J0190-08

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 2:17 pm

Date Received
10/03/2018

Metals, TAL, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:13	BML
7440-62-2	Vanadium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:13	BML
7440-66-6	Zinc	12.3		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:13	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 09:27	10/05/2018 13:27	SY

Sample Information

Client Sample ID: CIM-MW-02

York Sample ID: 18J0190-09

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 3:24 pm

Date Received
10/03/2018

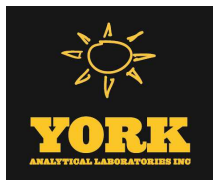
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ



Sample Information

Client Sample ID: CIM-MW-02

York Sample ID: 18J0190-09

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 3:24 pm

Date Received
10/03/2018

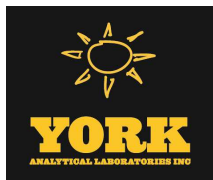
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
107-06-2	1,2-Dichloroethane	0.58		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
108-10-1	4-Methyl-2-pentanone	0.24	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ



Sample Information

Client Sample ID: CIM-MW-02

York Sample ID: 18J0190-09

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 3:24 pm

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
79-20-9	Methyl acetate	0.83		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	0.79		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ



Sample Information

Client Sample ID: CIM-MW-02

York Sample ID: 18J0190-09

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 3:24 pm

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
108-88-3	Toluene	0.42	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/11/2018 01:02	10/11/2018 07:51	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	92.1 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	110 %	79-122								

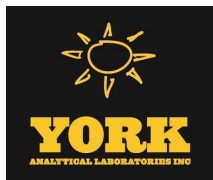
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB



Sample Information

Client Sample ID: CIM-MW-02

York Sample ID: 18J0190-09

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 3:24 pm

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
120-83-2	2,4-Dichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
105-67-9	2,4-Dimethylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
51-28-5	2,4-Dinitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
95-57-8	2-Chlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
95-48-7	2-Methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
88-75-5	2-Nitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB



Sample Information

Client Sample ID: CIM-MW-02

York Sample ID: 18J0190-09

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 3:24 pm

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:56	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:56	RB
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:56	RB
100-02-7	4-Nitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:56	RB
83-32-9	Acenaphthene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:45	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:45	SR
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:56	RB
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:56	RB
120-12-7	Anthracene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:45	SR
1912-24-9	Atrazine	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:45	SR
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:56	RB
92-87-5	Benzidine	ND		ug/L	7.69	15.4	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:56	RB
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:45	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:45	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:45	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:45	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:45	SR
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:56	RB
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:56	RB
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:56	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:56	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:56	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:56	RB



Sample Information

Client Sample ID: CIM-MW-02

York Sample ID: 18J0190-09

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 3:24 pm

Date Received
10/03/2018

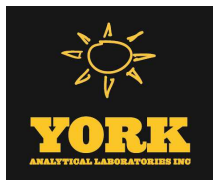
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:45	SR
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:56	RB
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:56	RB
218-01-9	Chrysene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:45	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:45	SR
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:56	RB
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:56	RB
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:56	RB
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:56	RB
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:56	RB
206-44-0	Fluoranthene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:45	SR
86-73-7	Fluorene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:45	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	0.0154	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:45	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:45	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:56	RB
67-72-1	Hexachloroethane	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:45	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:45	SR
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:56	RB
91-20-3	Naphthalene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:45	SR
98-95-3	Nitrobenzene	ND		ug/L	0.192	0.192	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:45	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:45	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:56	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	10/05/2018 07:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/09/2018 22:56	RB



Sample Information

Client Sample ID: CIM-MW-02

York Sample ID: 18J0190-09

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 3:24 pm

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		ug/L	0.192	0.192	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:45	SR
85-01-8	Phenanthrene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:45	SR
108-95-2	Phenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
129-00-0	Pyrene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:45	SR
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 22:56	RB
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	19.5 %	19.7-63.1								
4165-62-2	Surrogate: SURR: Phenol-d5	10.7 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	61.7 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	58.3 %	39.9-105								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	55.8 %	39.3-151								
1718-51-0	Surrogate: SURR: Terphenyl-d14	72.4 %	30.7-106								

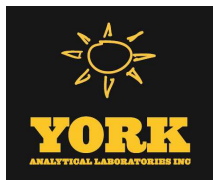
Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00615	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:39	LAB
72-55-9	4,4'-DDE	ND		ug/L	0.00615	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:39	LAB
50-29-3	4,4'-DDT	ND		ug/L	0.00615	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:39	LAB
309-00-2	Aldrin	ND		ug/L	0.00615	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:39	LAB
319-84-6	alpha-BHC	ND		ug/L	0.00615	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:39	LAB
5103-71-9	alpha-Chlordane	ND		ug/L	0.00615	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:39	LAB
319-85-7	beta-BHC	ND		ug/L	0.00615	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:39	LAB
57-74-9	Chlordane, total	ND		ug/L	0.0308	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:39	LAB
319-86-8	delta-BHC	ND		ug/L	0.00615	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:39	LAB
60-57-1	Dieldrin	ND		ug/L	0.00308	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:39	LAB
959-98-8	Endosulfan I	ND		ug/L	0.00615	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:39	LAB



Sample Information

Client Sample ID: CIM-MW-02

York Sample ID: 18J0190-09

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 3:24 pm

Date Received
10/03/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/L	0.00615	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:39	LAB
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00615	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:39	LAB
72-20-8	Endrin	ND		ug/L	0.00615	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:39	LAB
7421-93-4	Endrin aldehyde	ND		ug/L	0.0154	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:39	LAB
53494-70-5	Endrin ketone	ND		ug/L	0.0154	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:39	LAB
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00615	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:39	LAB
5566-34-7	gamma-Chlordane	ND		ug/L	0.0154	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:39	LAB
76-44-8	Heptachlor	ND		ug/L	0.00615	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:39	LAB
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00615	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:39	LAB
72-43-5	Methoxychlor	ND		ug/L	0.00615	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:39	LAB
8001-35-2	Toxaphene	ND		ug/L	0.154	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:39	LAB
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	55.1 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	45.5 %	30-150							

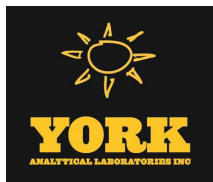
Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0769	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 18:25	LAB
11104-28-2	Aroclor 1221	ND		ug/L	0.0769	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 18:25	LAB
11141-16-5	Aroclor 1232	ND		ug/L	0.0769	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 18:25	LAB
53469-21-9	Aroclor 1242	ND		ug/L	0.0769	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 18:25	LAB
12672-29-6	Aroclor 1248	ND		ug/L	0.0769	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 18:25	LAB
11097-69-1	Aroclor 1254	ND		ug/L	0.0769	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 18:25	LAB
11096-82-5	Aroclor 1260	ND		ug/L	0.0769	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 18:25	LAB



Sample Information

Client Sample ID: CIM-MW-02

York Sample ID: 18J0190-09

York Project (SDG) No.

18J0190

Client Project ID

41548.00 TASK 0500

Matrix

Water

Collection Date/Time

October 2, 2018 3:24 pm

Date Received

10/03/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/L	0.0769	1	EPA 8082A Certifications:	10/08/2018 08:48	10/10/2018 18:25	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	71.3 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	115 %		30-120						

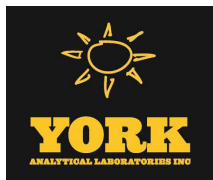
Metals, TAL, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	32.5		ug/L	11.1	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:17	BML
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:17	BML
7440-38-2	Arsenic	86.0		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:17	BML
7440-39-3	Barium	382		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:17	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:17	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:17	BML
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:17	BML
7440-48-4	Cobalt	1.65		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:17	BML
7440-50-8	Copper	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:17	BML
7439-89-6	* Iron	52100		ug/L	111	10	EPA 6020B Certifications: CTDOH	10/08/2018 15:13	10/11/2018 16:13	BML
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:17	BML
7439-96-5	Manganese	2890		ug/L	11.1	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/11/2018 16:13	BML
7440-02-0	Nickel	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:17	BML
7782-49-2	Selenium	2.70	B	ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:17	BML
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:17	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:17	BML
7440-62-2	Vanadium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:17	BML



Sample Information

Client Sample ID: CIM-MW-02

York Sample ID: 18J0190-09

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 3:24 pm

Date Received
10/03/2018

Metals, TAL, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	14.0		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:17	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 09:27	10/05/2018 13:55	SY

Sample Information

Client Sample ID: CIM-MW-01

York Sample ID: 18J0190-10

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 4:18 pm

Date Received
10/03/2018

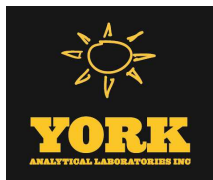
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 10:31	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ



Sample Information

Client Sample ID: CIM-MW-01

York Sample ID: 18J0190-10

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 4:18 pm

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	1.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	1.6		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 10:31	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 10:31	LLJ
78-87-5	1,2-Dichloropropane	0.21	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 10:31	LLJ
108-67-8	1,3,5-Trimethylbenzene	7.9		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
78-93-3	2-Butanone	1.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 10:31	LLJ
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
108-10-1	4-Methyl-2-pentanone	0.49	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 10:31	LLJ
67-64-1	Acetone	15		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 10:31	LLJ
107-02-8	Acrolein	12		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 10:31	LLJ
107-13-1	Acrylonitrile	6.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 10:31	LLJ
71-43-2	Benzene	26		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
75-27-4	Bromodichloromethane	15		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 10:31	LLJ
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ



Sample Information

Client Sample ID: CIM-MW-01

York Sample ID: 18J0190-10

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 4:18 pm

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
110-82-7	Cyclohexane	140		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 10:31	LLJ
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
100-41-4	Ethyl Benzene	79		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 10:31	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
98-82-8	Isopropylbenzene	14		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 10:31	LLJ
79-20-9	Methyl acetate	52		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 10:31	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	0.28	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 10:31	LLJ
108-87-2	Methylcyclohexane	81		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
104-51-8	n-Butylbenzene	14		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
103-65-1	n-Propylbenzene	200		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 10:31	LLJ
95-47-6	o-Xylene	0.21	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 10:31	LLJ
179601-23-1	p- & m- Xylenes	9.2		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
99-87-6	p-Isopropyltoluene	1.3		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ



Sample Information

Client Sample ID: CIM-MW-01

York Sample ID: 18J0190-10

York Project (SDG) No.

18J0190

Client Project ID

41548.00 TASK 0500

Matrix

Water

Collection Date/Time

October 2, 2018 4:18 pm

Date Received

10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	2.7		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 10:31	LLJ
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
75-65-0	tert-Butyl alcohol (TBA)	1.5		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 10:31	LLJ
98-06-6	tert-Butylbenzene	0.61		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
108-88-3	Toluene	6.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
110-57-6	trans-1,4-dichloro-2-butene	1.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/11/2018 01:02	10/11/2018 10:31	LLJ
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 10:31	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
1330-20-7	Xylenes, Total	10		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/11/2018 01:02	10/11/2018 08:17	LLJ
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	125 %									
2037-26-5	Surrogate: SURR: Toluene-d8	93.4 %									
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	146 %	S-08								

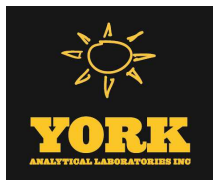
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB



Sample Information

Client Sample ID: CIM-MW-01

York Sample ID: 18J0190-10

York Project (SDG) No.

18J0190

Client Project ID

41548.00 TASK 0500

Matrix

Water

Collection Date/Time

October 2, 2018 4:18 pm

Date Received

10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

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
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
120-83-2	2,4-Dichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
105-67-9	2,4-Dimethylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
51-28-5	2,4-Dinitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
95-57-8	2-Chlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
91-57-6	2-Methylnaphthalene	5.57		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
95-48-7	2-Methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
88-75-5	2-Nitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB



Sample Information

Client Sample ID: CIM-MW-01

York Sample ID: 18J0190-10

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 4:18 pm

Date Received
10/03/2018

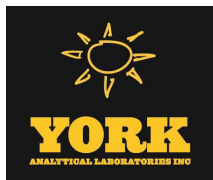
Semi-Volatiles, 8270 - Comprehensive - LL

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
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
100-02-7	4-Nitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
83-32-9	Acenaphthene	0.100		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:15	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:15	SR
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
120-12-7	Anthracene	0.0462		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:15	SR
1912-24-9	Atrazine	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:15	SR
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
92-87-5	Benzidine	ND		ug/L	7.69	15.4	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:15	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:15	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:15	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:15	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:15	SR
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB



Sample Information

Client Sample ID: CIM-MW-01

York Sample ID: 18J0190-10

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 4:18 pm

Date Received
10/03/2018

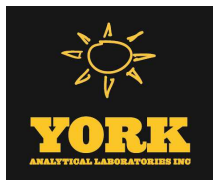
Semi-Volatiles, 8270 - Comprehensive - LL

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
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:15	SR
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
218-01-9	Chrysene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:15	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:15	SR
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
206-44-0	Fluoranthene	0.0538		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:15	SR
86-73-7	Fluorene	0.0846		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:15	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	0.0154	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:15	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:15	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
67-72-1	Hexachloroethane	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:15	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:15	SR
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
91-20-3	Naphthalene	16.6		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
98-95-3	Nitrobenzene	ND		ug/L	0.192	0.192	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:15	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:15	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB



Sample Information

Client Sample ID: CIM-MW-01

York Sample ID: 18J0190-10

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 4:18 pm

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

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
87-86-5	Pentachlorophenol	ND		ug/L	0.192	0.192	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:15	SR
85-01-8	Phenanthrene	0.115		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:15	SR
108-95-2	Phenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
129-00-0	Pyrene	0.0462		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:15	SR
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:26	RB
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	21.7 %									
4165-62-2	Surrogate: SURR: Phenol-d5	12.2 %									
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	65.7 %									
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	55.2 %									
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	57.3 %									
1718-51-0	Surrogate: SURR: Terphenyl-d14	86.1 %									

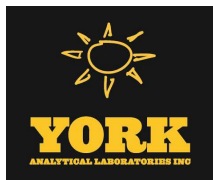
Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 12:36	LAB
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 12:36	LAB
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 12:36	LAB
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 12:36	LAB
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 12:36	LAB
5103-71-9	alpha-Chlordane	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 12:36	LAB
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 12:36	LAB
57-74-9	Chlordane, total	ND		ug/L	0.0211	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 12:36	LAB
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 12:36	LAB
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 12:36	LAB
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 12:36	LAB



Sample Information

Client Sample ID: CIM-MW-01

York Sample ID: 18J0190-10

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 4:18 pm

Date Received
10/03/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 12:36	LAB
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 12:36	LAB
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 12:36	LAB
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 12:36	LAB
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 12:36	LAB
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 12:36	LAB
5566-34-7	gamma-Chlordane	ND		ug/L	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 12:36	LAB
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 12:36	LAB
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 12:36	LAB
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 12:36	LAB
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 12:36	LAB
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	54.8 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	34.6 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 18:49	LAB
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 18:49	LAB
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 18:49	LAB
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 18:49	LAB
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 18:49	LAB
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 18:49	LAB
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 18:49	LAB



Sample Information

Client Sample ID: CIM-MW-01

York Sample ID: 18J0190-10

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 4:18 pm

Date Received
10/03/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A Certifications:	10/08/2018 08:48	10/10/2018 18:49	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	46.5 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	102 %		30-120						

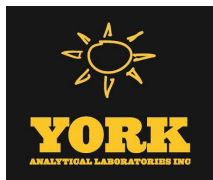
Metals, TAL, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		ug/L	11.1	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:22	BML
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:22	BML
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:22	BML
7440-39-3	Barium	145		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:22	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:22	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:22	BML
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:22	BML
7440-48-4	Cobalt	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:22	BML
7440-50-8	Copper	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:22	BML
7439-89-6	* Iron	6460		ug/L	11.1	1	EPA 6020B Certifications: CTDOH	10/08/2018 15:13	10/10/2018 15:22	BML
7439-92-1	Lead	2.38		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:22	BML
7439-96-5	Manganese	3050		ug/L	11.1	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/11/2018 16:18	BML
7440-02-0	Nickel	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:22	BML
7782-49-2	Selenium	1.68	B	ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:22	BML
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:22	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:22	BML
7440-62-2	Vanadium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:22	BML



Sample Information

Client Sample ID: CIM-MW-01

York Sample ID: 18J0190-10

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 4:18 pm

Date Received
10/03/2018

Metals, TAL, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	10.3		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:22	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 09:27	10/05/2018 14:03	SY

Sample Information

Client Sample ID: CIM-MW-FD

York Sample ID: 18J0190-11

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 3:00 pm

Date Received
10/03/2018

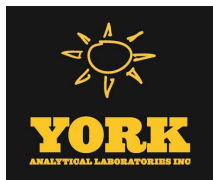
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ



Sample Information

Client Sample ID: CIM-MW-FD

York Sample ID: 18J0190-11

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 3:00 pm

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
108-67-8	1,3,5-Trimethylbenzene	7.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
78-93-3	2-Butanone	1.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
71-43-2	Benzene	22		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ



Sample Information

Client Sample ID: CIM-MW-FD

York Sample ID: 18J0190-11

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 3:00 pm

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
110-82-7	Cyclohexane	130		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 10:57	LLJ
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
100-41-4	Ethyl Benzene	350		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 10:57	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
98-82-8	Isopropylbenzene	95		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
108-87-2	Methylcyclohexane	66		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
104-51-8	n-Butylbenzene	11		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
103-65-1	n-Propylbenzene	170		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 10:57	LLJ
95-47-6	o-Xylene	0.93		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
179601-23-1	p- & m- Xylenes	7.7		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
99-87-6	p-Isopropyltoluene	1.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
135-98-8	sec-Butylbenzene	12		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ



Sample Information

Client Sample ID: CIM-MW-FD

York Sample ID: 18J0190-11

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 3:00 pm

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
98-06-6	tert-Butylbenzene	0.56		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
108-88-3	Toluene	5.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
1330-20-7	Xylenes, Total	8.6		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/11/2018 01:02	10/11/2018 08:44	LLJ
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	120 %		69-130							
2037-26-5	Surrogate: SURR: Toluene-d8	92.4 %		81-117							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	150 %	S-08	79-122							

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB



Sample Information

Client Sample ID: CIM-MW-FD

York Sample ID: 18J0190-11

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 3:00 pm

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

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
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
120-83-2	2,4-Dichlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
105-67-9	2,4-Dimethylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
51-28-5	2,4-Dinitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
95-57-8	2-Chlorophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
91-57-6	2-Methylnaphthalene	7.79		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
95-48-7	2-Methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
88-75-5	2-Nitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB



Sample Information

Client Sample ID: CIM-MW-FD

York Sample ID: 18J0190-11

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 3:00 pm

Date Received
10/03/2018

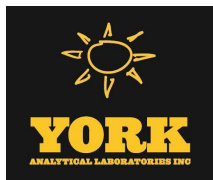
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
100-02-7	4-Nitrophenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
83-32-9	Acenaphthene	0.100		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:47	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:47	SR
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
120-12-7	Anthracene	0.0538		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:47	SR
1912-24-9	Atrazine	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:47	SR
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
92-87-5	Benzidine	ND		ug/L	7.69	15.4	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:47	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:47	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:47	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:47	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:47	SR
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:47	SR
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB



Sample Information

Client Sample ID: CIM-MW-FD

York Sample ID: 18J0190-11

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 3:00 pm

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
218-01-9	Chrysene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:47	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:47	SR
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
206-44-0	Fluoranthene	0.0462		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:47	SR
86-73-7	Fluorene	0.0923		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:47	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	0.0154	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:47	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:47	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
67-72-1	Hexachloroethane	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:47	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:47	SR
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
91-20-3	Naphthalene	22.8		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
98-95-3	Nitrobenzene	ND		ug/L	0.192	0.192	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:47	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	0.385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:47	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
87-86-5	Pentachlorophenol	ND		ug/L	0.192	0.192	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:47	SR
85-01-8	Phenanthrene	0.138		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:47	SR



Sample Information

Client Sample ID: CIM-MW-FD

York Sample ID: 18J0190-11

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 3:00 pm

Date Received
10/03/2018

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	0.962	0.962	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
129-00-0	Pyrene	0.0385		ug/L	0.0385	0.0385	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/09/2018 23:47	SR
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 07:33	10/10/2018 00:55	RB
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	24.6 %		19.7-63.1							
4165-62-2	Surrogate: SURR: Phenol-d5	13.3 %		10.1-41.7							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	67.9 %		50.2-113							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	56.6 %		39.9-105							
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	61.3 %		39.3-151							
1718-51-0	Surrogate: SURR: Terphenyl-d14	90.0 %		30.7-106							

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:54	LAB
72-55-9	4,4'-DDE	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:54	LAB
50-29-3	4,4'-DDT	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:54	LAB
309-00-2	Aldrin	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:54	LAB
319-84-6	alpha-BHC	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:54	LAB
5103-71-9	alpha-Chlordane	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:54	LAB
319-85-7	beta-BHC	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:54	LAB
57-74-9	Chlordane, total	ND		ug/L	0.0286	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:54	LAB
319-86-8	delta-BHC	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:54	LAB
60-57-1	Dieldrin	ND		ug/L	0.00286	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:54	LAB
959-98-8	Endosulfan I	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:54	LAB
33213-65-9	Endosulfan II	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:54	LAB
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:54	LAB



Sample Information

Client Sample ID: CIM-MW-FD

York Sample ID: 18J0190-11

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 3:00 pm

Date Received
10/03/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:54	LAB
7421-93-4	Endrin aldehyde	ND		ug/L	0.0143	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:54	LAB
53494-70-5	Endrin ketone	ND		ug/L	0.0143	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:54	LAB
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:54	LAB
5566-34-7	gamma-Chlordane	ND		ug/L	0.0143	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:54	LAB
76-44-8	Heptachlor	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:54	LAB
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:54	LAB
72-43-5	Methoxychlor	ND		ug/L	0.00571	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:54	LAB
8001-35-2	Toxaphene	ND		ug/L	0.143	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 08:48	10/09/2018 17:54	LAB
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	59.5 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	37.8 %								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 19:13	LAB
11104-28-2	Aroclor 1221	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 19:13	LAB
11141-16-5	Aroclor 1232	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 19:13	LAB
53469-21-9	Aroclor 1242	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 19:13	LAB
12672-29-6	Aroclor 1248	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 19:13	LAB
11097-69-1	Aroclor 1254	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 19:13	LAB
11096-82-5	Aroclor 1260	ND		ug/L	0.0714	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/08/2018 08:48	10/10/2018 19:13	LAB
1336-36-3	* Total PCBs	ND		ug/L	0.0714	1	EPA 8082A Certifications:	10/08/2018 08:48	10/10/2018 19:13	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	56.4 %								
2051-24-3	Surrogate: Decachlorobiphenyl	110 %								



Sample Information

Client Sample ID: CIM-MW-FD

York Sample ID: 18J0190-11

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 3:00 pm

Date Received
10/03/2018

Metals, TAL, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		ug/L	11.1	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:35	BML
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:35	BML
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:35	BML
7440-39-3	Barium	154		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:35	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:35	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:35	BML
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:35	BML
7440-48-4	Cobalt	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:35	BML
7440-50-8	Copper	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:35	BML
7439-89-6	* Iron	6970		ug/L	11.1	1	EPA 6020B Certifications: CTDOH	10/08/2018 15:13	10/10/2018 15:35	BML
7439-92-1	Lead	2.47		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:35	BML
7439-96-5	Manganese	2980		ug/L	11.1	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/11/2018 16:22	BML
7440-02-0	Nickel	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:35	BML
7782-49-2	Selenium	1.44	B	ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:35	BML
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:35	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:35	BML
7440-62-2	Vanadium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:35	BML
7440-66-6	Zinc	10.4		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/08/2018 15:13	10/10/2018 15:35	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/05/2018 09:27	10/05/2018 15:09	SY



Sample Information

Client Sample ID: CIM-TB

York Sample ID: 18J0190-12

York Project (SDG) No.

18J0190

Client Project ID

41548.00 TASK 0500

Matrix

Water

Collection Date/Time

October 2, 2018 3:00 pm

Date Received

10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
107-06-2	1,2-Dichloroethane	0.54		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ



Sample Information

Client Sample ID: CIM-TB

York Sample ID: 18J0190-12

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 3:00 pm

Date Received
10/03/2018

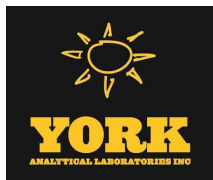
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
100-41-4	Ethyl Benzene	0.35	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ



Sample Information

Client Sample ID: CIM-TB

York Sample ID: 18J0190-12

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 3:00 pm

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
103-65-1	n-Propylbenzene	0.47	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/11/2018 01:02	10/11/2018 09:11	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %	69-130								



Sample Information

Client Sample ID: CIM-TB

York Sample ID: 18J0190-12

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 3:00 pm

Date Received
10/03/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: SURR: Toluene-d8	94.8 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	111 %			79-122						



Analytical Batch Summary

Batch ID: BJ80245 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KNK

YORK Sample ID	Client Sample ID	Preparation Date
18J0190-02	CIM-MW-07	10/04/18
18J0190-02	CIM-MW-07	10/04/18
18J0190-03	CIM-MW-06	10/04/18
18J0190-03	CIM-MW-06	10/04/18
BJ80245-BLK1	Blank	10/04/18
BJ80245-BLK2	Blank	10/04/18
BJ80245-BS1	LCS	10/04/18
BJ80245-BS2	LCS	10/04/18
BJ80245-BSD1	LCS Dup	10/04/18
BJ80245-BSD2	LCS Dup	10/04/18

Batch ID: BJ80303 **Preparation Method:** EPA 3510C **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
18J0190-01	CIM-MW-03	10/05/18
18J0190-02	CIM-MW-07	10/05/18
18J0190-03	CIM-MW-06	10/05/18
18J0190-04	CIM-MW-09	10/05/18
18J0190-05	CIM-MW-04	10/05/18
18J0190-06	CIM-MW-08	10/05/18
18J0190-07	CIM-MW-05	10/05/18
18J0190-08	CIM-MW-10	10/05/18
18J0190-09	CIM-MW-02	10/05/18
18J0190-10	CIM-MW-01	10/05/18
18J0190-11	CIM-MW-FD	10/05/18
BJ80303-BLK1	Blank	10/05/18
BJ80303-BLK2	Blank	10/05/18
BJ80303-BS1	LCS	10/05/18
BJ80303-BS2	LCS	10/05/18
BJ80303-MS1	Matrix Spike	10/05/18
BJ80303-MSD1	Matrix Spike Dup	10/05/18

Batch ID: BJ80309 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18J0190-01	CIM-MW-03	10/05/18
18J0190-02	CIM-MW-07	10/05/18
18J0190-03	CIM-MW-06	10/05/18
18J0190-04	CIM-MW-09	10/05/18
18J0190-05	CIM-MW-04	10/05/18
18J0190-06	CIM-MW-08	10/05/18
18J0190-07	CIM-MW-05	10/05/18
18J0190-08	CIM-MW-10	10/05/18
18J0190-09	CIM-MW-02	10/05/18
18J0190-10	CIM-MW-01	10/05/18



18J0190-11	CIM-MW-FD	10/05/18
BJ80309-BLK1	Blank	10/05/18
BJ80309-DUP1	Duplicate	10/05/18
BJ80309-MS1	Matrix Spike	10/05/18
BJ80309-SRM1	Reference	10/05/18

Batch ID: BJ80376 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
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18J0190-01	CIM-MW-03	10/08/18
18J0190-01	CIM-MW-03	10/08/18
18J0190-04	CIM-MW-09	10/08/18
18J0190-04	CIM-MW-09	10/08/18
18J0190-05	CIM-MW-04	10/08/18
18J0190-05	CIM-MW-04	10/08/18
18J0190-06	CIM-MW-08	10/08/18
18J0190-06	CIM-MW-08	10/08/18
18J0190-07	CIM-MW-05	10/08/18
18J0190-07	CIM-MW-05	10/08/18
18J0190-08	CIM-MW-10	10/08/18
18J0190-08	CIM-MW-10	10/08/18
18J0190-09	CIM-MW-02	10/08/18
18J0190-09	CIM-MW-02	10/08/18
18J0190-10	CIM-MW-01	10/08/18
18J0190-10	CIM-MW-01	10/08/18
18J0190-11	CIM-MW-FD	10/08/18
18J0190-11	CIM-MW-FD	10/08/18
BJ80376-BLK1	Blank	10/08/18
BJ80376-BLK2	Blank	10/08/18
BJ80376-BS1	LCS	10/08/18
BJ80376-BS2	LCS	10/08/18
BJ80376-BSD1	LCS Dup	10/08/18
BJ80376-BSD2	LCS Dup	10/08/18

Batch ID: BJ80430 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
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18J0190-01	CIM-MW-03	10/08/18
18J0190-02	CIM-MW-07	10/08/18
18J0190-02RE1	CIM-MW-07	10/08/18
18J0190-03	CIM-MW-06	10/08/18
18J0190-04	CIM-MW-09	10/08/18
18J0190-05	CIM-MW-04	10/08/18
18J0190-06	CIM-MW-08	10/08/18
18J0190-07	CIM-MW-05	10/08/18
18J0190-08	CIM-MW-10	10/08/18
18J0190-08RE1	CIM-MW-10	10/08/18
18J0190-09	CIM-MW-02	10/08/18
18J0190-09RE1	CIM-MW-02	10/08/18
18J0190-10	CIM-MW-01	10/08/18
18J0190-10RE1	CIM-MW-01	10/08/18



18J0190-11	CIM-MW-FD	10/08/18
18J0190-11RE1	CIM-MW-FD	10/08/18
BJ80430-BLK1	Blank	10/08/18
BJ80430-BS1	LCS	10/08/18
BJ80430-DUP1	Duplicate	10/08/18
BJ80430-MS1	Matrix Spike	10/08/18

Batch ID: BJ80597 **Preparation Method:** EPA 5030B **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
18J0190-01	CIM-MW-03	10/10/18
18J0190-02	CIM-MW-07	10/10/18
18J0190-03	CIM-MW-06	10/10/18
18J0190-04	CIM-MW-09	10/10/18
18J0190-05	CIM-MW-04	10/10/18
BJ80597-BLK1	Blank	10/10/18
BJ80597-BS1	LCS	10/10/18
BJ80597-BSD1	LCS Dup	10/10/18

Batch ID: BJ80598 **Preparation Method:** EPA 5030B **Prepared By:** LDS

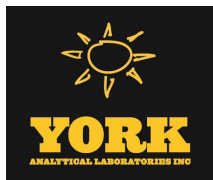
YORK Sample ID	Client Sample ID	Preparation Date
18J0190-06	CIM-MW-08	10/11/18
18J0190-07	CIM-MW-05	10/11/18
18J0190-08	CIM-MW-10	10/11/18
18J0190-09	CIM-MW-02	10/11/18
18J0190-10	CIM-MW-01	10/11/18
18J0190-10RE1	CIM-MW-01	10/11/18
18J0190-11	CIM-MW-FD	10/11/18
18J0190-11RE1	CIM-MW-FD	10/11/18
18J0190-12	CIM-TB	10/11/18
BJ80598-BLK1	Blank	10/11/18
BJ80598-BS1	LCS	10/11/18
BJ80598-BSD1	LCS Dup	10/11/18
BJ80598-MS1	Matrix Spike	10/11/18
BJ80598-MSD1	Matrix Spike Dup	10/11/18



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ80597 - EPA 5030B											
Blank (BJ80597-BLK1)										Prepared & Analyzed: 10/10/2018	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ80597 - EPA 5030B

Blank (BJ80597-BLK1)

Prepared & Analyzed: 10/10/2018

n-Butylbenzene	ND	0.50	ug/L
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"
Styrene	ND	0.50	"
tert-Butyl alcohol (TBA)	ND	1.0	"
tert-Butylbenzene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Toluene	ND	0.50	"
trans-1,2-Dichloroethylene	ND	0.50	"
trans-1,3-Dichloropropylene	ND	0.50	"
trans-1,4-dichloro-2-butene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"
Vinyl Chloride	ND	0.50	"
Xylenes, Total	ND	1.5	"

Surrogate: SURRE: 1,2-Dichloroethane-d4

10.5

"

10.0

105

69-130

Surrogate: SURRE: Toluene-d8

9.38

"

10.0

93.8

81-117

Surrogate: SURRE: p-Bromofluorobenzene

10.9

"

10.0

109

79-122

LCS (BJ80597-BS1)

Prepared & Analyzed: 10/10/2018

1,1,1,2-Tetrachloroethane	9.3		ug/L	10.0	92.9	82-126
1,1,1-Trichloroethane	10		"	10.0	104	78-136
1,1,2,2-Tetrachloroethane	9.2		"	10.0	92.2	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0	116	54-165
1,1,2-Trichloroethane	8.9		"	10.0	88.6	82-123
1,1-Dichloroethane	11		"	10.0	113	82-129
1,1-Dichloroethylene	12		"	10.0	119	68-138
1,2,3-Trichlorobenzene	8.1		"	10.0	80.7	76-136
1,2,3-Trichloropropane	9.4		"	10.0	94.2	77-128
1,2,4-Trichlorobenzene	7.8		"	10.0	78.2	76-137
1,2,4-Trimethylbenzene	11		"	10.0	105	82-132
1,2-Dibromo-3-chloropropane	6.8		"	10.0	67.7	45-147
1,2-Dibromoethane	9.2		"	10.0	92.5	83-124
1,2-Dichlorobenzene	9.1		"	10.0	91.0	79-123
1,2-Dichloroethane	10		"	10.0	103	73-132
1,2-Dichloropropane	9.3		"	10.0	93.0	78-126
1,3,5-Trimethylbenzene	11		"	10.0	107	80-131
1,3-Dichlorobenzene	10		"	10.0	99.5	86-122
1,4-Dichlorobenzene	9.9		"	10.0	99.2	85-124
1,4-Dioxane	100		"	210	47.7	10-349
2-Butanone	11		"	10.0	106	49-152
2-Hexanone	9.0		"	10.0	90.0	51-146
4-Methyl-2-pentanone	9.1		"	10.0	91.0	57-145
Acetone	8.6		"	10.0	85.7	14-150
Acrolein	4.4		"	10.0	43.5	10-153
Acrylonitrile	10		"	10.0	99.6	51-150
Benzene	11		"	10.0	107	85-126
Bromochloromethane	10		"	10.0	101	77-128



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ80597 - EPA 5030B

LCS (BJ80597-BS1)

Prepared & Analyzed: 10/10/2018

Bromodichloromethane	9.3		ug/L	10.0		92.8	79-128				
Bromoform	9.0		"	10.0		90.4	78-133				
Bromomethane	5.0		"	10.0		49.5	43-168				
Carbon disulfide	12		"	10.0		120	68-146				
Carbon tetrachloride	11		"	10.0		106	77-141				
Chlorobenzene	9.5		"	10.0		94.9	88-120				
Chloroethane	9.9		"	10.0		99.2	65-136				
Chloroform	10		"	10.0		104	82-128				
Chloromethane	8.8		"	10.0		88.2	43-155				
cis-1,2-Dichloroethylene	11		"	10.0		107	83-129				
cis-1,3-Dichloropropylene	9.2		"	10.0		91.7	80-131				
Cyclohexane	10		"	10.0		104	63-149				
Dibromochloromethane	8.9		"	10.0		89.0	80-130				
Dibromomethane	9.2		"	10.0		91.9	72-134				
Dichlorodifluoromethane	13		"	10.0		125	44-144				
Ethyl Benzene	9.6		"	10.0		96.3	80-131				
Hexachlorobutadiene	10		"	10.0		104	67-146				
Isopropylbenzene	9.6		"	10.0		96.1	76-140				
Methyl acetate	8.6		"	10.0		85.8	51-139				
Methyl tert-butyl ether (MTBE)	10		"	10.0		103	76-135				
Methylcyclohexane	9.5		"	10.0		95.3	72-143				
Methylene chloride	9.0		"	10.0		90.1	55-137				
n-Butylbenzene	11		"	10.0		113	79-132				
n-Propylbenzene	10		"	10.0		102	78-133				
o-Xylene	9.9		"	10.0		98.7	78-130				
p- & m- Xylenes	20		"	20.0		99.8	77-133				
p-Isopropyltoluene	12		"	10.0		116	81-136				
sec-Butylbenzene	12		"	10.0		122	79-137				
Styrene	9.8		"	10.0		98.4	67-132				
tert-Butyl alcohol (TBA)	51		"	50.0		102	25-162				
tert-Butylbenzene	11		"	10.0		111	77-138				
Tetrachloroethylene	8.7		"	10.0		87.1	82-131				
Toluene	9.4		"	10.0		93.5	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		108	80-132				
trans-1,3-Dichloropropylene	8.8		"	10.0		87.7	78-131				
trans-1,4-dichloro-2-butene	9.0		"	10.0		89.7	63-141				
Trichloroethylene	9.6		"	10.0		95.7	82-128				
Trichlorofluoromethane	11		"	10.0		109	67-139				
Vinyl Chloride	9.9		"	10.0		98.8	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.4		"	10.0		104	69-130				
Surrogate: SURR: Toluene-d8	9.39		"	10.0		93.9	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.9		"	10.0		109	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ80597 - EPA 5030B											
LCS Dup (BJ80597-BSD1)						Prepared & Analyzed: 10/10/2018					
1,1,1,2-Tetrachloroethane	9.1		ug/L	10.0		90.6	82-126		2.51	30	
1,1,1-Trichloroethane	9.8		"	10.0		98.2	78-136		5.83	30	
1,1,2,2-Tetrachloroethane	8.9		"	10.0		89.0	76-129		3.53	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		107	54-165		8.35	30	
1,1,2-Trichloroethane	8.8		"	10.0		87.7	82-123		1.02	30	
1,1-Dichloroethane	11		"	10.0		107	82-129		4.82	30	
1,1-Dichloroethylene	11		"	10.0		109	68-138		8.07	30	
1,2,3-Trichlorobenzene	7.7		"	10.0		77.2	76-136		4.43	30	
1,2,3-Trichloropropane	9.5		"	10.0		94.8	77-128		0.635	30	
1,2,4-Trichlorobenzene	7.4		"	10.0		74.4	76-137	Low Bias	4.98	30	
1,2,4-Trimethylbenzene	10		"	10.0		101	82-132		4.07	30	
1,2-Dibromo-3-chloropropane	6.7		"	10.0		67.1	45-147		0.890	30	
1,2-Dibromoethane	9.1		"	10.0		90.8	83-124		1.85	30	
1,2-Dichlorobenzene	8.9		"	10.0		88.9	79-123		2.33	30	
1,2-Dichloroethane	9.8		"	10.0		98.2	73-132		4.48	30	
1,2-Dichloropropane	9.0		"	10.0		89.8	78-126		3.50	30	
1,3,5-Trimethylbenzene	10		"	10.0		102	80-131		4.58	30	
1,3-Dichlorobenzene	9.6		"	10.0		95.9	86-122		3.68	30	
1,4-Dichlorobenzene	9.6		"	10.0		95.9	85-124		3.38	30	
1,4-Dioxane	88		"	210		42.0	10-349		12.6	30	
2-Butanone	9.8		"	10.0		97.9	49-152		8.23	30	
2-Hexanone	8.9		"	10.0		89.3	51-146		0.781	30	
4-Methyl-2-pentanone	9.0		"	10.0		90.3	57-145		0.772	30	
Acetone	8.3		"	10.0		82.9	14-150		3.32	30	
Acrolein	4.4		"	10.0		44.1	10-153		1.37	30	
Acrylonitrile	10		"	10.0		101	51-150		0.999	30	
Benzene	10		"	10.0		100	85-126		5.89	30	
Bromochloromethane	9.8		"	10.0		98.2	77-128		3.11	30	
Bromodichloromethane	9.0		"	10.0		89.5	79-128		3.62	30	
Bromoform	9.0		"	10.0		89.5	78-133		1.00	30	
Bromomethane	5.4		"	10.0		54.4	43-168		9.43	30	
Carbon disulfide	11		"	10.0		110	68-146		8.88	30	
Carbon tetrachloride	10		"	10.0		99.8	77-141		6.50	30	
Chlorobenzene	9.2		"	10.0		92.2	88-120		2.89	30	
Chloroethane	7.1		"	10.0		70.6	65-136		33.7	30	Non-dir.
Chloroform	9.9		"	10.0		98.8	82-128		5.22	30	
Chloromethane	8.3		"	10.0		82.6	43-155		6.56	30	
cis-1,2-Dichloroethylene	10		"	10.0		99.7	83-129		7.25	30	
cis-1,3-Dichloropropylene	8.9		"	10.0		89.3	80-131		2.65	30	
Cyclohexane	9.8		"	10.0		97.6	63-149		6.54	30	
Dibromochloromethane	8.9		"	10.0		88.6	80-130		0.450	30	
Dibromomethane	9.1		"	10.0		90.8	72-134		1.20	30	
Dichlorodifluoromethane	12		"	10.0		119	44-144		5.07	30	
Ethyl Benzene	9.2		"	10.0		92.3	80-131		4.24	30	
Hexachlorobutadiene	10		"	10.0		99.8	67-146		3.74	30	
Isopropylbenzene	9.1		"	10.0		91.0	76-140		5.45	30	
Methyl acetate	8.3		"	10.0		82.9	51-139		3.44	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		101	76-135		2.06	30	
Methylcyclohexane	9.0		"	10.0		90.1	72-143		5.61	30	
Methylene chloride	8.5		"	10.0		85.0	55-137		5.83	30	
n-Butylbenzene	11		"	10.0		108	79-132		4.99	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ80597 - EPA 5030B

LCS Dup (BJ80597-BSD1)

Prepared & Analyzed: 10/10/2018

n-Propylbenzene	9.7		ug/L	10.0		97.1	78-133		5.22	30	
o-Xylene	9.5		"	10.0		95.0	78-130		3.82	30	
p- & m- Xylenes	19		"	20.0		95.8	77-133		4.09	30	
p-Isopropyltoluene	11		"	10.0		110	81-136		4.51	30	
sec-Butylbenzene	12		"	10.0		116	79-137		5.30	30	
Styrene	9.5		"	10.0		94.9	67-132		3.62	30	
tert-Butyl alcohol (TBA)	50		"	50.0		99.5	25-162		2.42	30	
tert-Butylbenzene	11		"	10.0		106	77-138		4.78	30	
Tetrachloroethylene	8.4		"	10.0		83.5	82-131		4.22	30	
Toluene	9.0		"	10.0		90.1	80-127		3.70	30	
trans-1,2-Dichloroethylene	10		"	10.0		99.5	80-132		8.38	30	
trans-1,3-Dichloropropylene	8.6		"	10.0		85.8	78-131		2.19	30	
trans-1,4-dichloro-2-butene	8.9		"	10.0		89.1	63-141		0.671	30	
Trichloroethylene	9.1		"	10.0		90.9	82-128		5.14	30	
Trichlorofluoromethane	9.8		"	10.0		97.9	67-139		11.1	30	
Vinyl Chloride	8.8		"	10.0		88.5	58-145		11.0	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: SURR: Toluene-d8	9.36		"	10.0		93.6	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.7		"	10.0		107	79-122				

Batch BJ80598 - EPA 5030B

Blank (BJ80598-BLK1)

Prepared & Analyzed: 10/11/2018

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ80598 - EPA 5030B

Blank (BJ80598-BLK1)

Prepared & Analyzed: 10/11/2018

Bromodichloromethane	ND	0.50	ug/L								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	10.4		"	10.0		104	69-130				
Surrogate: SURR: Toluene-d8	9.42		"	10.0		94.2	81-117				
Surrogate: SURR: p-Bromofluorobenzene	11.1		"	10.0		111	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ80598 - EPA 5030B

LCS (BJ80598-BS1)

Prepared & Analyzed: 10/11/2018

1,1,1,2-Tetrachloroethane	9.5		ug/L	10.0		95.2	82-126				
1,1,1-Trichloroethane	11		"	10.0		108	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)	12		"	10.0		117	54-165				
1,1,2-Trichloroethane	9.1		"	10.0		91.3	82-123				
1,1-Dichloroethane	11		"	10.0		115	82-129				
1,1-Dichloroethylene	12		"	10.0		116	68-138				
1,2,3-Trichlorobenzene	8.2		"	10.0		81.7	76-136				
1,2,3-Trichloropropane	9.7		"	10.0		97.3	77-128				
1,2,4-Trichlorobenzene	8.0		"	10.0		80.1	76-137				
1,2,4-Trimethylbenzene	10		"	10.0		105	82-132				
1,2-Dibromo-3-chloropropane	6.8		"	10.0		68.4	45-147				
1,2-Dibromoethane	9.6		"	10.0		96.0	83-124				
1,2-Dichlorobenzene	9.4		"	10.0		93.7	79-123				
1,2-Dichloroethane	11		"	10.0		107	73-132				
1,2-Dichloropropane	9.2		"	10.0		92.5	78-126				
1,3,5-Trimethylbenzene	11		"	10.0		108	80-131				
1,3-Dichlorobenzene	10		"	10.0		101	86-122				
1,4-Dichlorobenzene	10		"	10.0		100	85-124				
1,4-Dioxane	100		"	210		48.4	10-349				
2-Butanone	9.8		"	10.0		98.1	49-152				
2-Hexanone	9.1		"	10.0		90.7	51-146				
4-Methyl-2-pentanone	9.3		"	10.0		93.3	57-145				
Acetone	8.7		"	10.0		87.2	14-150				
Acrolein	4.2		"	10.0		42.1	10-153				
Acrylonitrile	8.3		"	10.0		82.9	51-150				
Benzene	11		"	10.0		109	85-126				
Bromochloromethane	11		"	10.0		106	77-128				
Bromodichloromethane	9.4		"	10.0		94.0	79-128				
Bromoform	9.4		"	10.0		93.7	78-133				
Bromomethane	2.3		"	10.0		23.4	43-168	Low Bias			
Carbon disulfide	12		"	10.0		117	68-146				
Carbon tetrachloride	11		"	10.0		110	77-141				
Chlorobenzene	9.6		"	10.0		96.3	88-120				
Chloroethane	9.6		"	10.0		96.3	65-136				
Chloroform	11		"	10.0		108	82-128				
Chloromethane	7.8		"	10.0		78.2	43-155				
cis-1,2-Dichloroethylene	11		"	10.0		107	83-129				
cis-1,3-Dichloropropylene	9.1		"	10.0		90.9	80-131				
Cyclohexane	11		"	10.0		106	63-149				
Dibromochloromethane	9.3		"	10.0		92.8	80-130				
Dibromomethane	9.5		"	10.0		94.6	72-134				
Dichlorodifluoromethane	13		"	10.0		134	44-144				
Ethyl Benzene	9.7		"	10.0		96.9	80-131				
Hexachlorobutadiene	11		"	10.0		108	67-146				
Isopropylbenzene	9.7		"	10.0		96.6	76-140				
Methyl acetate	10		"	10.0		101	51-139				
Methyl tert-butyl ether (MTBE)	11		"	10.0		108	76-135				
Methylcyclohexane	9.5		"	10.0		95.1	72-143				
Methylene chloride	9.2		"	10.0		92.5	55-137				
n-Butylbenzene	11		"	10.0		111	79-132				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ80598 - EPA 5030B

LCS (BJ80598-BS1)

Prepared & Analyzed: 10/11/2018

n-Propylbenzene	10		ug/L	10.0		102	78-133				
o-Xylene	9.9		"	10.0		99.3	78-130				
p- & m- Xylenes	20		"	20.0		99.9	77-133				
p-Isopropyltoluene	12		"	10.0		115	81-136				
sec-Butylbenzene	12		"	10.0		122	79-137				
Styrene	10		"	10.0		99.8	67-132				
tert-Butyl alcohol (TBA)	53		"	50.0		107	25-162				
tert-Butylbenzene	11		"	10.0		112	77-138				
Tetrachloroethylene	8.7		"	10.0		87.3	82-131				
Toluene	9.4		"	10.0		93.9	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		109	80-132				
trans-1,3-Dichloropropylene	8.8		"	10.0		87.7	78-131				
trans-1,4-dichloro-2-butene	9.2		"	10.0		91.8	63-141				
Trichloroethylene	9.6		"	10.0		95.7	82-128				
Trichlorofluoromethane	11		"	10.0		108	67-139				
Vinyl Chloride	9.0		"	10.0		90.3	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.4		"	10.0		104	69-130				
Surrogate: SURR: Toluene-d8	9.30		"	10.0		93.0	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.7		"	10.0		107	79-122				

LCS Dup (BJ80598-BS1)

Prepared & Analyzed: 10/11/2018

1,1,1,2-Tetrachloroethane	9.9		ug/L	10.0		99.0	82-126		3.91	30	
1,1,1-Trichloroethane	11		"	10.0		114	78-136		5.42	30	
1,1,2,2-Tetrachloroethane	9.7		"	10.0		97.3	76-129		3.03	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		123	54-165		4.59	30	
1,1,2-Trichloroethane	9.3		"	10.0		92.9	82-123		1.74	30	
1,1-Dichloroethane	12		"	10.0		121	82-129		5.34	30	
1,1-Dichloroethylene	12		"	10.0		124	68-138		6.56	30	
1,2,3-Trichlorobenzene	8.5		"	10.0		85.4	76-136		4.43	30	
1,2,3-Trichloropropane	10		"	10.0		100	77-128		2.84	30	
1,2,4-Trichlorobenzene	8.2		"	10.0		81.6	76-137		1.86	30	
1,2,4-Trimethylbenzene	11		"	10.0		110	82-132		4.76	30	
1,2-Dibromo-3-chloropropane	7.2		"	10.0		71.5	45-147		4.43	30	
1,2-Dibromoethane	9.7		"	10.0		96.7	83-124		0.727	30	
1,2-Dichlorobenzene	9.6		"	10.0		95.8	79-123		2.22	30	
1,2-Dichloroethane	11		"	10.0		109	73-132		1.57	30	
1,2-Dichloropropane	9.5		"	10.0		95.2	78-126		2.88	30	
1,3,5-Trimethylbenzene	11		"	10.0		113	80-131		4.97	30	
1,3-Dichlorobenzene	10		"	10.0		104	86-122		3.03	30	
1,4-Dichlorobenzene	10		"	10.0		103	85-124		2.95	30	
1,4-Dioxane	100		"	210		47.7	10-349		1.43	30	
2-Butanone	9.4		"	10.0		93.9	49-152		4.37	30	
2-Hexanone	9.3		"	10.0		93.4	51-146		2.93	30	
4-Methyl-2-pentanone	9.5		"	10.0		94.7	57-145		1.49	30	
Acetone	9.1		"	10.0		90.6	14-150		3.82	30	
Acrolein	4.4		"	10.0		44.2	10-153		4.87	30	
Acrylonitrile	8.6		"	10.0		85.5	51-150		3.09	30	
Benzene	11		"	10.0		114	85-126		4.85	30	
Bromochloromethane	11		"	10.0		108	77-128		1.68	30	
Bromodichloromethane	9.7		"	10.0		96.9	79-128		3.04	30	
Bromoform	9.6		"	10.0		96.1	78-133		2.53	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ80598 - EPA 5030B

LCS Dup (BJ80598-BSD1)

Prepared & Analyzed: 10/11/2018

Bromomethane	3.7		ug/L	10.0		37.2	43-168	Low Bias	45.5	30	Non-dir.
Carbon disulfide	12		"	10.0		123	68-146		5.07	30	
Carbon tetrachloride	12		"	10.0		116	77-141		5.21	30	
Chlorobenzene	10		"	10.0		100	88-120		3.87	30	
Chloroethane	10		"	10.0		100	65-136		3.97	30	
Chloroform	11		"	10.0		112	82-128		4.37	30	
Chloromethane	8.5		"	10.0		84.9	43-155		8.22	30	
cis-1,2-Dichloroethylene	11		"	10.0		112	83-129		4.84	30	
cis-1,3-Dichloropropylene	9.3		"	10.0		92.7	80-131		1.96	30	
Cyclohexane	11		"	10.0		113	63-149		6.59	30	
Dibromochloromethane	9.5		"	10.0		95.1	80-130		2.45	30	
Dibromomethane	9.6		"	10.0		96.2	72-134		1.68	30	
Dichlorodifluoromethane	5.3		"	10.0		53.2	44-144		86.4	30	Non-dir.
Ethyl Benzene	10		"	10.0		101	80-131		4.54	30	
Hexachlorobutadiene	12		"	10.0		116	67-146		6.98	30	
Isopropylbenzene	10		"	10.0		102	76-140		5.44	30	
Methyl acetate	9.2		"	10.0		91.9	51-139		9.83	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		110	76-135		1.28	30	
Methylcyclohexane	10		"	10.0		99.5	72-143		4.52	30	
Methylene chloride	9.2		"	10.0		91.7	55-137		0.869	30	
n-Butylbenzene	12		"	10.0		116	79-132		5.11	30	
n-Propylbenzene	11		"	10.0		108	78-133		5.43	30	
o-Xylene	10		"	10.0		104	78-130		4.43	30	
p- & m- Xylenes	21		"	20.0		105	77-133		4.84	30	
p-Isopropyltoluene	12		"	10.0		121	81-136		5.25	30	
sec-Butylbenzene	13		"	10.0		128	79-137		5.03	30	
Styrene	10		"	10.0		103	67-132		3.45	30	
tert-Butyl alcohol (TBA)	53		"	50.0		105	25-162		1.49	30	
tert-Butylbenzene	12		"	10.0		119	77-138		6.13	30	
Tetrachloroethylene	9.2		"	10.0		92.3	82-131		5.57	30	
Toluene	9.8		"	10.0		98.1	80-127		4.37	30	
trans-1,2-Dichloroethylene	12		"	10.0		116	80-132		5.69	30	
trans-1,3-Dichloropropylene	8.9		"	10.0		89.4	78-131		1.92	30	
trans-1,4-dichloro-2-butene	9.4		"	10.0		93.5	63-141		1.83	30	
Trichloroethylene	10		"	10.0		99.7	82-128		4.09	30	
Trichlorofluoromethane	12		"	10.0		115	67-139		6.45	30	
Vinyl Chloride	9.7		"	10.0		97.2	58-145		7.36	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	10.5		"	10.0		105	69-130				
Surrogate: SURR: Toluene-d8	9.30		"	10.0		93.0	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.8		"	10.0		108	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

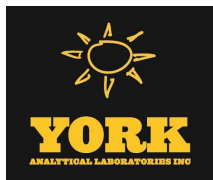
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ80598 - EPA 5030B											
Matrix Spike (BJ80598-MS1)	*Source sample: 18J0190-10 (CIM-MW-01)						Prepared & Analyzed: 10/11/2018				
1,1,1,2-Tetrachloroethane	9.4		ug/L	10.0	0.0	93.9	45-161				
1,1,1-Trichloroethane	11		"	10.0	0.0	115	70-146				
1,1,2,2-Tetrachloroethane	11		"	10.0	0.0	107	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0	0.0	120	21-217				
1,1,2-Trichloroethane	9.2		"	10.0	0.0	91.5	59-146				
1,1-Dichloroethane	10		"	10.0	0.0	103	54-146				
1,1-Dichloroethylene	11		"	10.0	0.0	107	44-165				
1,2,3-Trichlorobenzene	11		"	10.0	0.0	110	40-161				
1,2,3-Trichloropropane	12		"	10.0	0.16	118	74-127				
1,2,4-Trichlorobenzene	11		"	10.0	0.0	114	41-161				
1,2,4-Trimethylbenzene	11		"	10.0	1.4	94.5	72-129				
1,2-Dibromo-3-chloropropane	10		"	10.0	1.6	87.6	31-151				
1,2-Dibromoethane	8.8		"	10.0	0.0	88.1	75-125				
1,2-Dichlorobenzene	9.0		"	10.0	0.0	90.3	63-122				
1,2-Dichloroethane	11		"	10.0	0.16	110	68-131				
1,2-Dichloropropane	9.2		"	10.0	0.21	89.4	77-121				
1,3,5-Trimethylbenzene	18		"	10.0	7.9	106	69-126				
1,3-Dichlorobenzene	8.7		"	10.0	0.0	87.4	74-119				
1,4-Dichlorobenzene	8.6		"	10.0	0.0	86.2	70-124				
1,4-Dioxane	9.5		"	210	0.0	4.52	10-310	Low Bias			
2-Butanone	8.6		"	10.0	1.4	72.2	10-193				
2-Hexanone	10		"	10.0	0.0	99.8	53-133				
4-Methyl-2-pentanone	10		"	10.0	0.49	98.2	38-150				
Acetone	120		"	10.0	15	NR	13-149	High Bias			
Acrolein	92		"	10.0	12	796	10-195	High Bias			
Acrylonitrile	8.7		"	10.0	6.4	22.6	37-165	Low Bias			
Benzene	39		"	10.0	26	134	38-155				
Bromochloromethane	9.8		"	10.0	0.0	98.1	75-121				
Bromodichloromethane	9.1		"	10.0	15	NR	70-129	Low Bias			
Bromoform	7.0		"	10.0	0.0	70.0	66-136				
Bromomethane	1.6		"	10.0	0.0	15.7	30-158	Low Bias			
Carbon disulfide	12		"	10.0	0.11	116	10-138				
Carbon tetrachloride	11		"	10.0	0.0	115	71-146				
Chlorobenzene	9.3		"	10.0	0.0	93.1	81-117				
Chloroethane	6.9		"	10.0	0.0	69.4	51-145				
Chloroform	10		"	10.0	0.0	102	80-124				
Chloromethane	6.0		"	10.0	0.0	60.5	16-163				
cis-1,2-Dichloroethylene	11		"	10.0	0.0	108	76-125				
cis-1,3-Dichloropropylene	8.8		"	10.0	0.0	88.4	58-131				
Cyclohexane	230		"	10.0	200	281	70-130	High Bias			
Dibromochloromethane	8.6		"	10.0	0.0	86.0	71-129				
Dibromomethane	8.3		"	10.0	0.0	82.6	76-120				
Dichlorodifluoromethane	5.3		"	10.0	0.0	52.8	30-147				
Ethyl Benzene	22		"	10.0	79	NR	72-128	Low Bias			
Hexachlorobutadiene	13		"	10.0	0.0	135	34-166				
Isopropylbenzene	130		"	10.0	14	NR	66-139	High Bias			
Methyl acetate	410		"	10.0	52	NR	10-200	High Bias			
Methyl tert-butyl ether (MTBE)	13		"	10.0	0.28	123	75-128				
Methylcyclohexane	96		"	10.0	81	149	70-130	High Bias			
Methylene chloride	9.1		"	10.0	0.0	91.1	57-128				
n-Butylbenzene	24		"	10.0	14	104	61-138				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ80598 - EPA 5030B											
Matrix Spike (BJ80598-MS1)	*Source sample: 18J0190-10 (CIM-MW-01)						Prepared & Analyzed: 10/11/2018				
n-Propylbenzene	240		ug/L	10.0	220	172	66-134	High Bias			
o-Xylene	10		"	10.0	0.21	97.8	69-126				
p- & m- Xylenes	29		"	20.0	9.2	99.4	67-130				
p-Isopropyltoluene	11		"	10.0	1.3	93.2	64-137				
sec-Butylbenzene	24		"	10.0	2.7	217	53-155	High Bias			
Styrene	8.8		"	10.0	0.0	88.2	69-125				
tert-Butyl alcohol (TBA)	54		"	50.0	1.5	104	10-130				
tert-Butylbenzene	11		"	10.0	0.61	100	65-139				
Tetrachloroethylene	8.8		"	10.0	0.0	88.1	64-139				
Toluene	16		"	10.0	6.2	95.5	76-123				
trans-1,2-Dichloroethylene	11		"	10.0	0.0	113	79-131				
trans-1,3-Dichloropropylene	8.5		"	10.0	0.0	84.8	55-130				
trans-1,4-dichloro-2-butene	9.9		"	10.0	1.2	87.4	25-155				
Trichloroethylene	11		"	10.0	0.19	107	53-145				
Trichlorofluoromethane	9.8		"	10.0	0.0	97.8	61-142				
Vinyl Chloride	5.4		"	10.0	0.0	53.6	31-165				
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>12.2</i>		<i>"</i>	<i>10.0</i>		<i>122</i>	<i>69-130</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>9.41</i>		<i>"</i>	<i>10.0</i>		<i>94.1</i>	<i>81-117</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>14.5</i>		<i>"</i>	<i>10.0</i>		<i>145</i>	<i>79-122</i>				
Matrix Spike Dup (BJ80598-MSD1)	*Source sample: 18J0190-10 (CIM-MW-01)						Prepared & Analyzed: 10/11/2018				
1,1,1,2-Tetrachloroethane	9.7		ug/L	10.0	0.0	97.1	45-161		3.35	30	
1,1,1-Trichloroethane	12		"	10.0	0.0	117	70-146		2.07	30	
1,1,2,2-Tetrachloroethane	11		"	10.0	0.0	107	74-121		0.281	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0	0.0	122	21-217		1.73	30	
1,1,2-Trichloroethane	9.3		"	10.0	0.0	93.0	59-146		1.63	30	
1,1-Dichloroethane	11		"	10.0	0.0	106	54-146		3.45	30	
1,1-Dichloroethylene	11		"	10.0	0.0	112	44-165		4.66	30	
1,2,3-Trichlorobenzene	12		"	10.0	0.0	116	40-161		4.78	30	
1,2,3-Trichloropropane	13		"	10.0	0.16	124	74-127		4.89	30	
1,2,4-Trichlorobenzene	12		"	10.0	0.0	115	41-161		1.22	30	
1,2,4-Trimethylbenzene	11		"	10.0	1.4	92.2	72-129		2.46	30	
1,2-Dibromo-3-chloropropane	12		"	10.0	1.6	100	31-151		13.2	30	
1,2-Dibromoethane	9.1		"	10.0	0.0	91.0	75-125		3.24	30	
1,2-Dichlorobenzene	8.8		"	10.0	0.0	88.5	63-122		2.01	30	
1,2-Dichloroethane	11		"	10.0	0.16	113	68-131		2.42	30	
1,2-Dichloropropane	9.4		"	10.0	0.21	91.4	77-121		2.21	30	
1,3,5-Trimethylbenzene	18		"	10.0	7.9	103	69-126		2.78	30	
1,3-Dichlorobenzene	8.6		"	10.0	0.0	86.1	74-119		1.50	30	
1,4-Dichlorobenzene	8.4		"	10.0	0.0	84.3	70-124		2.23	30	
1,4-Dioxane	26		"	210	0.0	12.6	10-310		94.2	30	Non-dir.
2-Butanone	10		"	10.0	1.4	91.1	10-193		23.1	30	
2-Hexanone	10		"	10.0	0.0	100	53-133		0.200	30	
4-Methyl-2-pentanone	11		"	10.0	0.49	104	38-150		5.45	30	
Acetone	120		"	10.0	15	NR	13-149	High Bias	2.25	30	
Acrolein	95		"	10.0	12	832	10-195	High Bias	4.41	30	
Acrylonitrile	8.6		"	10.0	6.4	22.2	37-165	Low Bias	1.79	30	
Benzene	40		"	10.0	26	138	38-155		2.28	30	
Bromochloromethane	10		"	10.0	0.0	101	75-121		3.21	30	
Bromodichloromethane	9.4		"	10.0	15	NR	70-129	Low Bias	NR	30	
Bromoform	7.2		"	10.0	0.0	72.4	66-136		3.37	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 BJ80598 - EPA 5030B											
Matrix Spike Dup (BJ80598-MSD1)	*Source sample: 18J0190-10 (CIM-MW-01)						Prepared & Analyzed: 10/11/2018				
Bromomethane	2.8		ug/L	10.0	0.0	27.9	30-158	Low Bias	56.0	30	Non-dir.
Carbon disulfide	12		"	10.0	0.11	121	10-138		4.21	30	
Carbon tetrachloride	12		"	10.0	0.0	118	71-146		2.84	30	
Chlorobenzene	9.4		"	10.0	0.0	94.5	81-117		1.49	30	
Chloroethane	7.4		"	10.0	0.0	74.1	51-145		6.55	30	
Chloroform	10		"	10.0	0.0	102	80-124		0.00	30	
Chloromethane	5.9		"	10.0	0.0	59.4	16-163		1.83	30	
cis-1,2-Dichloroethylene	11		"	10.0	0.0	112	76-125		3.10	30	
cis-1,3-Dichloropropylene	9.1		"	10.0	0.0	90.8	58-131		2.68	30	
Cyclohexane	230		"	10.0	200	314	70-130	High Bias	11.2	30	
Dibromochloromethane	8.9		"	10.0	0.0	88.6	71-129		2.98	30	
Dibromomethane	8.4		"	10.0	0.0	84.0	76-120		1.68	30	
Dichlorodifluoromethane	0.0		"	10.0	0.0		30-147	Low Bias		30	
Ethyl Benzene	22		"	10.0	79	NR	72-128	Low Bias	NR	30	
Hexachlorobutadiene	15		"	10.0	0.0	152	34-166		11.8	30	
Isopropylbenzene	130		"	10.0	14	NR	66-139	High Bias	2.57	30	
Methyl acetate	260		"	10.0	52	NR	10-200	High Bias	55.1	30	Non-dir.
Methyl tert-butyl ether (MTBE)	13		"	10.0	0.28	129	75-128	High Bias	5.32	30	
Methylcyclohexane	95		"	10.0	81	143	70-130	High Bias	3.70	30	
Methylene chloride	9.7		"	10.0	0.0	97.2	57-128		6.48	30	
n-Butylbenzene	25		"	10.0	14	110	61-138		5.87	30	
n-Propylbenzene	8.0		"	10.0	220	NR	66-134	Low Bias	NR	30	
o-Xylene	10		"	10.0	0.21	99.0	69-126		1.22	30	
p- & m- Xylenes	29		"	20.0	9.2	99.6	67-130		0.251	30	
p-Isopropyltoluene	10		"	10.0	1.3	91.4	64-137		1.95	30	
sec-Butylbenzene	24		"	10.0	2.7	215	53-155	High Bias	1.20	30	
Styrene	9.0		"	10.0	0.0	90.3	69-125		2.35	30	
tert-Butyl alcohol (TBA)	60		"	50.0	1.5	117	10-130		11.4	30	
tert-Butylbenzene	10		"	10.0	0.61	98.0	65-139		2.32	30	
Tetrachloroethylene	8.8		"	10.0	0.0	88.5	64-139		0.453	30	
Toluene	16		"	10.0	6.2	95.0	76-123		0.525	30	
trans-1,2-Dichloroethylene	12		"	10.0	0.0	117	79-131		3.48	30	
trans-1,3-Dichloropropylene	8.7		"	10.0	0.0	87.0	55-130		2.56	30	
trans-1,4-dichloro-2-butene	10		"	10.0	1.2	90.2	25-155		3.15	30	
Trichloroethylene	11		"	10.0	0.19	108	53-145		1.12	30	
Trichlorofluoromethane	10		"	10.0	0.0	102	61-142		3.71	30	
Vinyl Chloride	4.8		"	10.0	0.0	47.5	31-165		12.1	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	12.8		"	10.0		128	69-130				
Surrogate: SURR: Toluene-d8	9.24		"	10.0		92.4	81-117				
Surrogate: SURR: p-Bromofluorobenzene	14.6		"	10.0		146	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
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Batch BJ80303 - EPA 3510C

Blank (BJ80303-BLK1)

Prepared: 10/05/2018 Analyzed: 10/08/2018

1,1-Biphenyl	ND	5.00	ug/L
1,2,4,5-Tetrachlorobenzene	ND	5.00	"
1,2,4-Trichlorobenzene	ND	5.00	"
1,2-Dichlorobenzene	ND	5.00	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"
1,3-Dichlorobenzene	ND	5.00	"
1,4-Dichlorobenzene	ND	5.00	"
2,3,4,6-Tetrachlorophenol	ND	1.25	"
2,4,5-Trichlorophenol	ND	1.25	"
2,4,6-Trichlorophenol	ND	1.25	"
2,4-Dichlorophenol	ND	1.25	"
2,4-Dimethylphenol	ND	1.25	"
2,4-Dinitrophenol	ND	1.25	"
2,4-Dinitrotoluene	ND	5.00	"
2,6-Dinitrotoluene	ND	5.00	"
2-Chloronaphthalene	ND	5.00	"
2-Chlorophenol	ND	1.25	"
2-Methylnaphthalene	ND	5.00	"
2-Methylphenol	ND	1.25	"
2-Nitroaniline	ND	5.00	"
2-Nitrophenol	ND	1.25	"
3- & 4-Methylphenols	ND	1.25	"
3,3-Dichlorobenzidine	ND	5.00	"
3-Nitroaniline	ND	5.00	"
4,6-Dinitro-2-methylphenol	ND	1.25	"
4-Bromophenyl phenyl ether	ND	5.00	"
4-Chloro-3-methylphenol	ND	1.25	"
4-Chloroaniline	ND	5.00	"
4-Chlorophenyl phenyl ether	ND	5.00	"
4-Nitroaniline	ND	5.00	"
4-Nitrophenol	ND	1.25	"
Acenaphthene	ND	0.0500	"
Acenaphthylene	ND	0.0500	"
Acetophenone	ND	5.00	"
Aniline	ND	5.00	"
Anthracene	ND	0.0500	"
Atrazine	ND	0.500	"
Benzaldehyde	ND	5.00	"
Benzidine	ND	20.0	"
Benzo(a)anthracene	ND	0.0500	"
Benzo(a)pyrene	ND	0.0500	"
Benzo(b)fluoranthene	ND	0.0500	"
Benzo(g,h,i)perylene	ND	0.0500	"
Benzo(k)fluoranthene	ND	0.0500	"
Benzoic acid	ND	50.0	"
Benzyl alcohol	ND	5.00	"
Benzyl butyl phthalate	ND	5.00	"
Bis(2-chloroethoxy)methane	ND	5.00	"
Bis(2-chloroethyl)ether	ND	1.25	"
Bis(2-chloroisopropyl)ether	ND	5.00	"
Bis(2-ethylhexyl)phthalate	ND	0.500	"



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ80303 - EPA 3510C

Blank (BJ80303-BLK1)

Prepared: 10/05/2018 Analyzed: 10/08/2018

Caprolactam	ND	5.00	ug/L								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	1.25	"								
Pyrene	ND	0.0500	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	11.7		"	50.0		23.4	19.7-63.1				
Surrogate: SURR: Phenol-d5	7.49		"	50.0		15.0	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	11.9		"	25.0		47.5	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	12.0		"	25.0		47.9	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	25.7		"	50.0		51.4	39.3-151				
Surrogate: SURR: Terphenyl-d14	16.5		"	25.0		66.0	30.7-106				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ80303 - EPA 3510C

Blank (BJ80303-BLK2)

Prepared: 10/05/2018 Analyzed: 10/09/2018

Acenaphthene	ND	0.0500	ug/L
Acenaphthylene	ND	0.0500	"
Anthracene	ND	0.0500	"
Atrazine	ND	0.500	"
Benzo(a)anthracene	ND	0.0500	"
Benzo(a)pyrene	ND	0.0500	"
Benzo(b)fluoranthene	ND	0.0500	"
Benzo(g,h,i)perylene	ND	0.0500	"
Benzo(k)fluoranthene	ND	0.0500	"
Bis(2-ethylhexyl)phthalate	ND	0.500	"
Chrysene	ND	0.0500	"
Dibenzo(a,h)anthracene	ND	0.0500	"
Fluoranthene	ND	0.0500	"
Fluorene	ND	0.0500	"
Hexachlorobenzene	ND	0.0200	"
Hexachlorobutadiene	ND	0.500	"
Hexachloroethane	ND	0.500	"
Indeno(1,2,3-cd)pyrene	ND	0.0500	"
Naphthalene	ND	0.0500	"
Nitrobenzene	ND	0.250	"
N-Nitrosodimethylamine	ND	0.500	"
Pentachlorophenol	ND	0.250	"
Phenanthrene	ND	0.0500	"
Pyrene	ND	0.0500	"

LCS (BJ80303-BS1)

Prepared: 10/05/2018 Analyzed: 10/08/2018

1,1-Biphenyl	11.9	5.00	ug/L	25.0	47.6	21-102	
1,2,4,5-Tetrachlorobenzene	11.9	5.00	"	25.0	47.7	28-105	
1,2,4-Trichlorobenzene	10.7	5.00	"	25.0	43.0	35-91	
1,2-Dichlorobenzene	10.8	5.00	"	25.0	43.2	42-85	
1,2-Diphenylhydrazine (as Azobenzene)	12.5	5.00	"	25.0	50.0	16-137	
1,3-Dichlorobenzene	10.1	5.00	"	25.0	40.4	45-80	Low Bias
1,4-Dichlorobenzene	10.4	5.00	"	25.0	41.6	42-82	Low Bias
2,3,4,6-Tetrachlorophenol	12.3	1.25	"	25.0	49.2	30-130	
2,4,5-Trichlorophenol	11.3	1.25	"	25.0	45.2	36-112	
2,4,6-Trichlorophenol	12.0	1.25	"	25.0	48.1	41-107	
2,4-Dichlorophenol	12.3	1.25	"	25.0	49.3	43-92	
2,4-Dimethylphenol	11.1	1.25	"	25.0	44.6	25-92	
2,4-Dinitrophenol	13.1	1.25	"	25.0	52.3	10-149	
2,4-Dinitrotoluene	13.0	5.00	"	25.0	52.1	41-114	
2,6-Dinitrotoluene	13.3	5.00	"	25.0	53.1	49-106	
2-Chloronaphthalene	11.7	5.00	"	25.0	46.8	40-96	
2-Chlorophenol	10.9	1.25	"	25.0	43.4	35-84	
2-Methylnaphthalene	11.8	5.00	"	25.0	47.3	33-101	
2-Methylphenol	8.43	1.25	"	25.0	33.7	10-90	
2-Nitroaniline	11.4	5.00	"	25.0	45.4	31-122	
2-Nitrophenol	12.1	1.25	"	25.0	48.4	37-97	
3- & 4-Methylphenols	7.18	1.25	"	25.0	28.7	10-101	
3,3-Dichlorobenzidine	6.03	5.00	"	25.0	24.1	25-155	Low Bias
3-Nitroaniline	10.6	5.00	"	25.0	42.4	29-128	
4,6-Dinitro-2-methylphenol	11.7	1.25	"	25.0	47.0	10-135	



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 BJ80303 - EPA 3510C											
LCS (BJ80303-BS1)						Prepared: 10/05/2018 Analyzed: 10/08/2018					
4-Bromophenyl phenyl ether	12.5	5.00	ug/L	25.0		50.1	38-116				
4-Chloro-3-methylphenol	12.1	1.25	"	25.0		48.4	28-101				
4-Chloroaniline	10.7	5.00	"	25.0		43.0	10-154				
4-Chlorophenyl phenyl ether	12.8	5.00	"	25.0		51.1	34-112				
4-Nitroaniline	10.9	5.00	"	25.0		43.5	15-143				
4-Nitrophenol	6.62	1.25	"	25.0		26.5	10-112				
Acenaphthene	12.0	0.0500	"	25.0		47.9	24-114				
Acenaphthylene	11.4	0.0500	"	25.0		45.6	26-112				
Acetophenone	12.0	5.00	"	25.0		47.9	47-92				
Aniline	7.15	5.00	"	25.0		28.6	10-107				
Anthracene	13.8	0.0500	"	25.0		55.2	35-114				
Atrazine	13.1	0.500	"	25.0		52.4	43-101				
Benzaldehyde	12.2	5.00	"	25.0		49.0	17-117				
Benzo(a)anthracene	14.2	0.0500	"	25.0		56.9	38-127				
Benzo(a)pyrene	14.3	0.0500	"	25.0		57.0	30-146				
Benzo(b)fluoranthene	14.4	0.0500	"	25.0		57.6	36-145				
Benzo(g,h,i)perylene	13.8	0.0500	"	25.0		55.4	10-163				
Benzo(k)fluoranthene	14.2	0.0500	"	25.0		56.7	16-149				
Benzoic acid	ND	50.0	"	25.2			30-130	Low Bias			
Benzyl alcohol	8.05	5.00	"	25.0		32.2	18-75				
Benzyl butyl phthalate	14.1	5.00	"	25.0		56.3	28-129				
Bis(2-chloroethoxy)methane	12.0	5.00	"	25.0		48.0	27-112				
Bis(2-chloroethyl)ether	12.4	1.25	"	25.0		49.5	24-114				
Bis(2-chloroisopropyl)ether	13.0	5.00	"	25.0		51.8	21-124				
Bis(2-ethylhexyl)phthalate	13.5	0.500	"	25.0		53.8	10-171				
Caprolactam	ND	5.00	"	25.0			10-29	Low Bias			
Carbazole	13.3	5.00	"	25.0		53.1	49-116				
Chrysene	14.0	0.0500	"	25.0		56.1	33-120				
Dibenzo(a,h)anthracene	13.7	0.0500	"	25.0		54.8	10-149				
Dibenzofuran	11.7	5.00	"	25.0		46.8	42-105				
Diethyl phthalate	13.0	5.00	"	25.0		52.1	38-112				
Dimethyl phthalate	12.9	5.00	"	25.0		51.7	49-106				
Di-n-butyl phthalate	13.4	5.00	"	25.0		53.5	36-110				
Di-n-octyl phthalate	13.2	5.00	"	25.0		52.7	12-149				
Fluoranthene	14.1	0.0500	"	25.0		56.2	33-126				
Fluorene	12.8	0.0500	"	25.0		51.2	28-117				
Hexachlorobenzene	13.4	0.0200	"	25.0		53.5	27-120				
Hexachlorobutadiene	10.8	0.500	"	25.0		43.2	25-106				
Hexachlorocyclopentadiene	9.25	5.00	"	25.0		37.0	10-99				
Hexachloroethane	10.6	0.500	"	25.0		42.3	33-84				
Indeno(1,2,3-cd)pyrene	13.3	0.0500	"	25.0		53.0	10-150				
Isophorone	12.4	5.00	"	25.0		49.7	29-115				
Naphthalene	12.0	0.0500	"	25.0		48.0	30-99				
Nitrobenzene	11.5	0.250	"	25.0		46.1	32-113				
N-Nitrosodimethylamine	5.78	0.500	"	25.0		23.1	10-63				
N-nitroso-di-n-propylamine	12.6	5.00	"	25.0		50.4	36-118				
N-Nitrosodiphenylamine	15.2	5.00	"	25.0		60.7	27-145				
Pentachlorophenol	13.9	0.250	"	25.0		55.7	19-127				
Phenanthrene	14.3	0.0500	"	25.0		57.2	31-112				
Phenol	4.54	1.25	"	25.0		18.2	10-37				
Pyrene	14.2	0.0500	"	25.0		56.6	42-125				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ80303 - EPA 3510C

LCS (BJ80303-BS1)

Prepared: 10/05/2018 Analyzed: 10/08/2018

Pyridine	16.6	5.00	ug/L	35.0		47.5	10-46	High Bias
Surrogate: SURR: 2-Fluorophenol	12.7		"	50.0		25.4	19.7-63.1	
Surrogate: SURR: Phenol-d5	7.86		"	50.0		15.7	10.1-41.7	
Surrogate: SURR: Nitrobenzene-d5	12.2		"	25.0		48.6	50.2-113	
Surrogate: SURR: 2-Fluorobiphenyl	11.8		"	25.0		47.2	39.9-105	
Surrogate: SURR: 2,4,6-Tribromophenol	26.5		"	50.0		53.1	39.3-151	
Surrogate: SURR: Terphenyl-d14	15.2		"	25.0		60.7	30.7-106	

LCS (BJ80303-BS2)

Prepared: 10/05/2018 Analyzed: 10/09/2018

Acenaphthene	0.650	0.0500	ug/L	1.00		65.0	24-114	
Acenaphthylene	0.630	0.0500	"	1.00		63.0	26-112	
Anthracene	0.700	0.0500	"	1.00		70.0	35-114	
Atrazine	ND	0.500	"				43-101	
Benzo(a)anthracene	0.720	0.0500	"	1.00		72.0	38-127	
Benzo(a)pyrene	0.710	0.0500	"	1.00		71.0	30-146	
Benzo(b)fluoranthene	0.740	0.0500	"	1.00		74.0	36-145	
Benzo(g,h,i)perylene	0.790	0.0500	"	1.00		79.0	10-163	
Benzo(k)fluoranthene	0.710	0.0500	"	1.00		71.0	16-149	
Bis(2-ethylhexyl)phthalate	0.540	0.500	"	1.00		54.0	10-171	
Chrysene	0.720	0.0500	"	1.00		72.0	33-120	
Dibenzo(a,h)anthracene	0.740	0.0500	"	1.00		74.0	10-149	
Fluoranthene	0.760	0.0500	"	1.00		76.0	33-126	
Fluorene	0.710	0.0500	"	1.00		71.0	28-117	
Hexachlorobenzene	0.490	0.0200	"	1.00		49.0	27-120	
Hexachlorobutadiene	ND	0.500	"	1.00			25-106	Low Bias
Hexachloroethane	ND	0.500	"	1.00			33-84	Low Bias
Indeno(1,2,3-cd)pyrene	0.750	0.0500	"	1.00		75.0	10-150	
Naphthalene	0.670	0.0500	"	1.00		67.0	30-99	
Nitrobenzene	0.650	0.250	"	1.00		65.0	32-113	
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-63	Low Bias
Pentachlorophenol	0.880	0.250	"	1.00		88.0	19-127	
Phenanthrene	0.740	0.0500	"	1.00		74.0	31-112	
Pyrene	0.720	0.0500	"	1.00		72.0	42-125	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ80303 - EPA 3510C

Matrix Spike (BJ80303-MS1)		*Source sample: 18J0190-10 (CIM-MW-01)					Prepared: 10/05/2018 Analyzed: 10/09/2018				
1,1-Biphenyl	10.1	3.85	ug/L	19.2	ND	52.6	40-140				
1,2,4,5-Tetrachlorobenzene	9.57	3.85	"	19.2	ND	49.8	40-140				
1,2,4-Trichlorobenzene	9.88	3.85	"	19.2	ND	51.4	31-92				
1,2-Dichlorobenzene	9.49	3.85	"	19.2	ND	49.4	31-91				
1,2-Diphenylhydrazine (as Azobenzene)	8.84	3.85	"	19.2	ND	46.0	40-140				
1,3-Dichlorobenzene	9.45	3.85	"	19.2	ND	49.2	24-93				
1,4-Dichlorobenzene	9.42	3.85	"	19.2	ND	49.0	26-95				
2,3,4,6-Tetrachlorophenol	13.5	0.962	"	19.2	ND	70.4	30-130				
2,4,5-Trichlorophenol	9.86	0.962	"	19.2	ND	51.3	44-96				
2,4,6-Trichlorophenol	9.56	0.962	"	19.2	ND	49.7	39-107				
2,4-Dichlorophenol	9.87	0.962	"	19.2	ND	51.3	38-99				
2,4-Dimethylphenol	9.61	0.962	"	19.2	ND	50.0	10-116				
2,4-Dinitrophenol	12.2	0.962	"	19.2	ND	63.6	10-168				
2,4-Dinitrotoluene	12.0	3.85	"	19.2	ND	62.2	26-120				
2,6-Dinitrotoluene	11.3	3.85	"	19.2	ND	58.9	28-118				
2-Chloronaphthalene	9.23	3.85	"	19.2	ND	48.0	33-99				
2-Chlorophenol	8.96	0.962	"	19.2	ND	46.6	25-106				
2-Methylnaphthalene	18.8	3.85	"	19.2	5.57	68.6	29-102				
2-Methylphenol	6.32	0.962	"	19.2	ND	32.9	10-118				
2-Nitroaniline	8.94	3.85	"	19.2	ND	46.5	48-99	Low Bias			
2-Nitrophenol	10.2	0.962	"	19.2	ND	52.9	36-103				
3- & 4-Methylphenols	4.94	0.962	"	19.2	ND	25.7	10-102				
3,3-Dichlorobenzidine	2.57	3.85	"	19.2	ND	13.4	10-140				
3-Nitroaniline	7.22	3.85	"	19.2	ND	37.6	10-169				
4,6-Dinitro-2-methylphenol	8.19	0.962	"	19.2	ND	42.6	10-142				
4-Bromophenyl phenyl ether	8.82	3.85	"	19.2	ND	45.9	35-109				
4-Chloro-3-methylphenol	10.4	0.962	"	19.2	ND	54.3	20-117				
4-Chloroaniline	6.76	3.85	"	19.2	ND	35.2	24-116				
4-Chlorophenyl phenyl ether	11.6	3.85	"	19.2	ND	60.1	31-112				
4-Nitroaniline	9.33	3.85	"	19.2	ND	48.5	24-143				
4-Nitrophenol	5.67	0.962	"	19.2	ND	29.5	10-119				
Acenaphthene	10.0	0.0385	"	19.2	0.100	51.6	17-132				
Acenaphthylene	9.81	0.0385	"	19.2	ND	51.0	13-124				
Acetophenone	14.2	3.85	"	19.2	ND	73.7	40-140				
Aniline	4.48	3.85	"	19.2	ND	23.3	10-133				
Anthracene	11.0	0.0385	"	19.2	0.0462	57.0	40-105				
Atrazine	9.50	0.385	"	19.2	ND	49.4	40-140				
Benzaldehyde	12.2	3.85	"	19.2	ND	63.3	40-140				
Benzo(a)anthracene	12.1	0.0385	"	19.2	ND	62.8	23-141				
Benzo(a)pyrene	11.7	0.0385	"	19.2	ND	60.7	46-118				
Benzo(b)fluoranthene	12.0	0.0385	"	19.2	ND	62.2	22-133				
Benzo(g,h,i)perylene	11.8	0.0385	"	19.2	ND	61.3	10-126				
Benzo(k)fluoranthene	11.3	0.0385	"	19.2	ND	58.8	18-152				
Benzoic acid	ND	38.5	"	19.4	ND		10-162	Low Bias			
Benzyl alcohol	5.95	3.85	"	19.2	ND	31.0	10-114				
Benzyl butyl phthalate	13.7	3.85	"	19.2	ND	71.5	31-121				
Bis(2-chloroethoxy)methane	9.74	3.85	"	19.2	ND	50.6	23-110				
Bis(2-chloroethyl)ether	9.70	0.962	"	19.2	ND	50.4	10-132				
Bis(2-chloroisopropyl)ether	9.35	3.85	"	19.2	ND	48.6	12-132				
Bis(2-ethylhexyl)phthalate	13.1	0.385	"	19.2	ND	68.0	14-131				
Caprolactam	2.14	3.85	"	19.2	ND	11.1	40-140	Low Bias			



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ80303 - EPA 3510C

Matrix Spike (BJ80303-MS1)		*Source sample: 18J0190-10 (CIM-MW-01)						Prepared: 10/05/2018 Analyzed: 10/09/2018			
Carbazole	11.5	3.85	ug/L	19.2	ND	59.8	10-169				
Chrysene	11.5	0.0385	"	19.2	ND	59.9	30-127				
Dibenzo(a,h)anthracene	11.7	0.0385	"	19.2	ND	60.7	10-131				
Dibenzofuran	10.7	3.85	"	19.2	ND	55.6	37-103				
Diethyl phthalate	12.5	3.85	"	19.2	ND	65.1	41-106				
Dimethyl phthalate	10.8	3.85	"	19.2	ND	56.0	38-105				
Di-n-butyl phthalate	12.1	3.85	"	19.2	ND	63.0	24-121				
Di-n-octyl phthalate	12.6	3.85	"	19.2	ND	65.6	25-141				
Fluoranthene	12.4	0.0385	"	19.2	0.0538	64.4	29-123				
Fluorene	11.9	0.0385	"	19.2	0.0846	61.2	20-133				
Hexachlorobenzene	10.4	0.0154	"	19.2	ND	54.0	24-120				
Hexachlorobutadiene	9.35	0.385	"	19.2	ND	48.6	26-98				
Hexachlorocyclopentadiene	6.37	3.85	"	19.2	ND	33.1	10-103				
Hexachloroethane	9.14	0.385	"	19.2	ND	47.5	11-102				
Indeno(1,2,3-cd)pyrene	11.3	0.0385	"	19.2	ND	58.5	10-130				
Isophorone	11.2	3.85	"	19.2	ND	58.2	19-113				
Naphthalene	37.6	0.0385	"	19.2	16.6	109	26-104	High Bias			
Nitrobenzene	12.2	0.192	"	19.2	ND	63.5	25-107				
N-Nitrosodimethylamine	4.05	0.385	"	19.2	ND	21.0	10-110				
N-nitroso-di-n-propylamine	9.72	3.85	"	19.2	ND	50.6	16-127				
N-Nitrosodiphenylamine	10.5	3.85	"	19.2	ND	54.5	46-116				
Pentachlorophenol	11.0	0.192	"	19.2	ND	57.3	10-181				
Phenanthrene	11.8	0.0385	"	19.2	0.115	60.7	29-121				
Phenol	3.12	0.962	"	19.2	ND	16.2	10-107				
Pyrene	12.9	0.0385	"	19.2	0.0462	67.0	34-129				
Pyridine	13.8	3.85	"	26.9	ND	51.2	10-73				
Surrogate: SURR: 2-Fluorophenol	8.94		"	38.5		23.2	19.7-63.1				
Surrogate: SURR: Phenol-d5	4.85		"	38.5		12.6	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	11.1		"	19.2		57.5	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	9.58		"	19.2		49.8	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	19.3		"	38.5		50.3	39.3-151				
Surrogate: SURR: Terphenyl-d14	12.7		"	19.2		66.0	30.7-106				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ80303 - EPA 3510C											
Matrix Spike Dup (BJ80303-MSD1)		*Source sample: 18J0190-10 (CIM-MW-01)					Prepared: 10/05/2018 Analyzed: 10/10/2018				
1,1-Biphenyl	10.7	3.85	ug/L	19.2	ND	55.6	40-140		5.62	20	
1,2,4,5-Tetrachlorobenzene	10.3	3.85	"	19.2	ND	53.7	40-140		7.58	20	
1,2,4-Trichlorobenzene	9.57	3.85	"	19.2	ND	49.8	31-92		3.24	20	
1,2-Dichlorobenzene	10.2	3.85	"	19.2	ND	53.0	31-91		7.19	20	
1,2-Diphenylhydrazine (as Azobenzene)	9.69	3.85	"	19.2	ND	50.4	40-140		9.22	20	
1,3-Dichlorobenzene	9.71	3.85	"	19.2	ND	50.5	24-93		2.65	20	
1,4-Dichlorobenzene	9.72	3.85	"	19.2	ND	50.5	26-95		3.14	20	
2,3,4,6-Tetrachlorophenol	14.9	0.962	"	19.2	ND	77.6	30-130		9.73	20	
2,4,5-Trichlorophenol	10.4	0.962	"	19.2	ND	54.1	44-96		5.39	20	
2,4,6-Trichlorophenol	10.7	0.962	"	19.2	ND	55.4	39-107		10.9	20	
2,4-Dichlorophenol	10.8	0.962	"	19.2	ND	55.9	38-99		8.58	20	
2,4-Dimethylphenol	11.4	0.962	"	19.2	ND	59.3	10-116		17.1	20	
2,4-Dinitrophenol	12.5	0.962	"	19.2	ND	65.1	10-168		2.42	20	
2,4-Dinitrotoluene	12.2	3.85	"	19.2	ND	63.7	26-120		2.29	20	
2,6-Dinitrotoluene	10.9	3.85	"	19.2	ND	56.9	28-118		3.45	20	
2-Chloronaphthalene	10.2	3.85	"	19.2	ND	52.9	33-99		9.67	20	
2-Chlorophenol	9.91	0.962	"	19.2	ND	51.5	25-106		10.0	20	
2-Methylnaphthalene	29.1	3.85	"	19.2	5.57	122	29-102	High Bias	43.1	20	Non-dir.
2-Methylphenol	6.82	0.962	"	19.2	ND	35.4	10-118		7.49	20	
2-Nitroaniline	9.94	3.85	"	19.2	ND	51.7	48-99		10.6	20	
2-Nitrophenol	10.7	0.962	"	19.2	ND	55.8	36-103		5.23	20	
3- & 4-Methylphenols	5.71	0.962	"	19.2	ND	29.7	10-102		14.5	20	
3,3-Dichlorobenzidine	ND	3.85	"	19.2	ND		10-140	Low Bias		20	
3-Nitroaniline	7.25	3.85	"	19.2	ND	37.7	10-169		0.319	20	
4,6-Dinitro-2-methylphenol	8.96	0.962	"	19.2	ND	46.6	10-142		8.97	20	
4-Bromophenyl phenyl ether	9.30	3.85	"	19.2	ND	48.4	35-109		5.26	20	
4-Chloro-3-methylphenol	11.1	0.962	"	19.2	ND	57.9	20-117		6.49	20	
4-Chloroaniline	5.31	3.85	"	19.2	ND	27.6	24-116		24.1	20	Non-dir.
4-Chlorophenyl phenyl ether	11.7	3.85	"	19.2	ND	60.7	31-112		0.994	20	
4-Nitroaniline	9.21	3.85	"	19.2	ND	47.9	24-143		1.33	20	
4-Nitrophenol	5.56	0.962	"	19.2	ND	28.9	10-119		1.92	20	
Acenaphthene	10.8	0.0385	"	19.2	0.100	55.6	17-132		7.24	20	
Acenaphthylene	10.3	0.0385	"	19.2	ND	53.5	13-124		4.82	20	
Acetophenone	20.3	3.85	"	19.2	ND	105	40-140		35.5	20	Non-dir.
Aniline	3.90	3.85	"	19.2	ND	20.3	10-133		13.8	20	
Anthracene	11.9	0.0385	"	19.2	0.0462	61.7	40-105		7.79	20	
Atrazine	10.6	0.385	"	19.2	ND	55.2	40-140		11.1	20	
Benzaldehyde	14.5	3.85	"	19.2	ND	75.6	40-140		17.8	20	
Benzo(a)anthracene	12.9	0.0385	"	19.2	ND	67.1	23-141		6.59	20	
Benzo(a)pyrene	12.8	0.0385	"	19.2	ND	66.7	46-118		9.42	20	
Benzo(b)fluoranthene	12.9	0.0385	"	19.2	ND	67.2	22-133		7.67	20	
Benzo(g,h,i)perylene	13.1	0.0385	"	19.2	ND	68.4	10-126		10.9	20	
Benzo(k)fluoranthene	11.8	0.0385	"	19.2	ND	61.4	18-152		4.26	20	
Benzoic acid	ND	38.5	"	19.4	ND		10-162	Low Bias		20	
Benzyl alcohol	6.31	3.85	"	19.2	ND	32.8	10-114		5.77	20	
Benzyl butyl phthalate	14.9	3.85	"	19.2	ND	77.6	31-121		8.21	20	
Bis(2-chloroethoxy)methane	11.6	3.85	"	19.2	ND	60.3	23-110		17.4	20	
Bis(2-chloroethyl)ether	10.1	0.962	"	19.2	ND	52.4	10-132		3.89	20	
Bis(2-chloroisopropyl)ether	10.2	3.85	"	19.2	ND	53.1	12-132		8.89	20	
Bis(2-ethylhexyl)phthalate	14.0	0.385	"	19.2	ND	72.7	14-131		6.65	20	
Caprolactam	2.25	3.85	"	19.2	ND	11.7	40-140	Low Bias	4.91	20	



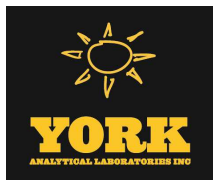
Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ80303 - EPA 3510C

Matrix Spike Dup (BJ80303-MSD1)	*Source sample: 18J0190-10 (CIM-MW-01)					Prepared: 10/05/2018 Analyzed: 10/10/2018					
Carbazole	11.9	3.85	ug/L	19.2	ND	61.9	10-169		3.48	20	
Chrysene	11.9	0.0385	"	19.2	ND	61.8	30-127		3.09	20	
Dibenzo(a,h)anthracene	13.3	0.0385	"	19.2	ND	69.0	10-131		12.7	20	
Dibenzofuran	11.1	3.85	"	19.2	ND	57.6	37-103		3.46	20	
Diethyl phthalate	13.0	3.85	"	19.2	ND	67.5	41-106		3.56	20	
Dimethyl phthalate	11.2	3.85	"	19.2	ND	58.0	38-105		3.65	20	
Di-n-butyl phthalate	13.1	3.85	"	19.2	ND	67.9	24-121		7.45	20	
Di-n-octyl phthalate	13.8	3.85	"	19.2	ND	71.6	25-141		8.86	20	
Fluoranthene	12.6	0.0385	"	19.2	0.0538	65.4	29-123		1.60	20	
Fluorene	12.5	0.0385	"	19.2	0.0846	64.6	20-133		5.36	20	
Hexachlorobenzene	11.0	0.0154	"	19.2	ND	57.2	24-120		5.76	20	
Hexachlorobutadiene	10.5	0.385	"	19.2	ND	54.8	26-98		11.8	20	
Hexachlorocyclopentadiene	7.58	3.85	"	19.2	ND	39.4	10-103		17.3	20	
Hexachloroethane	11.6	0.385	"	19.2	ND	60.4	11-102		23.8	20	Non-dir.
Indeno(1,2,3-cd)pyrene	11.9	0.0385	"	19.2	ND	61.9	10-130		5.65	20	
Isophorone	11.7	3.85	"	19.2	ND	61.0	19-113		4.63	20	
Naphthalene	73.1	0.0385	"	19.2	16.6	293	26-104	High Bias	64.2	20	Non-dir.
Nitrobenzene	15.2	0.192	"	19.2	ND	79.3	25-107		22.1	20	Non-dir.
N-Nitrosodimethylamine	5.15	0.385	"	19.2	ND	26.8	10-110		24.1	20	Non-dir.
N-nitroso-di-n-propylamine	10.6	3.85	"	19.2	ND	55.1	16-127		8.63	20	
N-Nitrosodiphenylamine	11.2	3.85	"	19.2	ND	58.3	46-116		6.74	20	
Pentachlorophenol	12.4	0.192	"	19.2	ND	64.7	10-181		12.2	20	
Phenanthrene	12.6	0.0385	"	19.2	0.115	65.1	29-121		6.87	20	
Phenol	3.65	0.962	"	19.2	ND	19.0	10-107		15.7	20	
Pyrene	13.2	0.0385	"	19.2	0.0462	68.3	34-129		1.88	20	
Pyridine	12.6	3.85	"	26.9	ND	46.8	10-73		8.86	20	
Surrogate: SURR: 2-Fluorophenol	10.1		"	38.5		26.2	19.7-63.1				
Surrogate: SURR: Phenol-d5	5.42		"	38.5		14.1	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	12.1		"	19.2		63.0	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	10.3		"	19.2		53.8	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	19.1		"	38.5		49.6	39.3-151				
Surrogate: SURR: Terphenyl-d14	13.2		"	19.2		68.8	30.7-106				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ80245 - EPA SW846-3510C Low Level

Blank (BJ80245-BLK1)

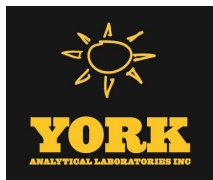
Prepared: 10/04/2018 Analyzed: 10/05/2018

4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	0.184		"	0.201		91.5	30-150				
Surrogate: Tetrachloro-m-xylene	0.169		"	0.202		83.8	30-150				

LCS (BJ80245-BS1)

Prepared: 10/04/2018 Analyzed: 10/05/2018

4,4'-DDD	0.100	0.00400	ug/L	0.100		100	40-140				
4,4'-DDE	0.148	0.00400	"	0.100		148	40-140	High Bias			
4,4'-DDT	0.107	0.00400	"	0.100		107	40-140				
Aldrin	0.0959	0.00400	"	0.100		95.9	40-140				
alpha-BHC	0.105	0.00400	"	0.100		105	40-140				
alpha-Chlordane	0.0948	0.00400	"	0.100		94.8	40-140				
beta-BHC	0.0922	0.00400	"	0.100		92.2	40-140				
delta-BHC	0.114	0.00400	"	0.100		114	40-140				
Dieldrin	0.0859	0.00200	"	0.100		85.9	40-140				
Endosulfan I	0.0675	0.00400	"	0.100		67.5	40-140				
Endosulfan II	0.104	0.00400	"	0.100		104	40-140				
Endosulfan sulfate	0.105	0.00400	"	0.100		105	40-140				
Endrin	0.106	0.00400	"	0.100		106	40-140				
Endrin aldehyde	0.105	0.0100	"	0.100		105	40-140				
Endrin ketone	0.0984	0.0100	"	0.100		98.4	40-140				
gamma-BHC (Lindane)	0.100	0.00400	"	0.100		100	40-140				
gamma-Chlordane	0.0940	0.0100	"	0.100		94.0	40-140				
Heptachlor	0.0979	0.00400	"	0.100		97.9	40-140				
Heptachlor epoxide	0.0899	0.00400	"	0.100		89.9	40-140				
Methoxychlor	0.0914	0.00400	"	0.100		91.4	40-140				
Surrogate: Decachlorobiphenyl	0.143		"	0.201		71.2	30-150				
Surrogate: Tetrachloro-m-xylene	0.160		"	0.202		79.4	30-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ80245 - EPA SW846-3510C Low Level

LCS Dup (BJ80245-BSD1)

Prepared: 10/04/2018 Analyzed: 10/05/2018

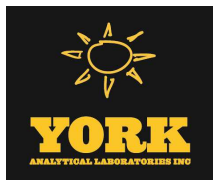
4,4'-DDD	0.103	0.00400	ug/L	0.100		103	40-140		2.94	20	
4,4'-DDE	0.150	0.00400	"	0.100		150	40-140	High Bias	1.54	20	
4,4'-DDT	0.111	0.00400	"	0.100		111	40-140		3.67	20	
Aldrin	0.0971	0.00400	"	0.100		97.1	40-140		1.26	20	
alpha-BHC	0.107	0.00400	"	0.100		107	40-140		1.37	20	
alpha-Chlordane	0.0962	0.00400	"	0.100		96.2	40-140		1.40	20	
beta-BHC	0.0938	0.00400	"	0.100		93.8	40-140		1.78	20	
delta-BHC	0.116	0.00400	"	0.100		116	40-140		1.97	20	
Dieldrin	0.0872	0.00200	"	0.100		87.2	40-140		1.50	20	
Endosulfan I	0.0751	0.00400	"	0.100		75.1	40-140		10.7	20	
Endosulfan II	0.105	0.00400	"	0.100		105	40-140		1.41	20	
Endosulfan sulfate	0.107	0.00400	"	0.100		107	40-140		2.02	20	
Endrin	0.108	0.00400	"	0.100		108	40-140		2.37	20	
Endrin aldehyde	0.107	0.0100	"	0.100		107	40-140		2.01	20	
Endrin ketone	0.101	0.0100	"	0.100		101	40-140		2.45	20	
gamma-BHC (Lindane)	0.102	0.00400	"	0.100		102	40-140		1.69	20	
gamma-Chlordane	0.0955	0.0100	"	0.100		95.5	40-140		1.59	20	
Heptachlor	0.0996	0.00400	"	0.100		99.6	40-140		1.69	20	
Heptachlor epoxide	0.0911	0.00400	"	0.100		91.1	40-140		1.33	20	
Methoxychlor	0.0954	0.00400	"	0.100		95.4	40-140		4.29	20	
Surrogate: Decachlorobiphenyl	0.149		"	0.201		74.2	30-150				
Surrogate: Tetrachloro-m-xylene	0.162		"	0.202		80.4	30-150				

Batch BJ80376 - EPA SW846-3510C Low Level

Blank (BJ80376-BLK1)

Prepared: 10/08/2018 Analyzed: 10/09/2018

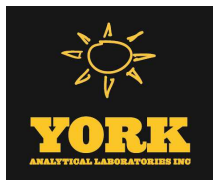
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	0.170		"	0.201		84.6	30-150				
Surrogate: Tetrachloro-m-xylene	0.169		"	0.202		83.9	30-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ80376 - EPA SW846-3510C Low Level											
LCS (BJ80376-BS1)						Prepared: 10/08/2018 Analyzed: 10/09/2018					
4,4'-DDD	0.125	0.00400	ug/L	0.100		125	40-140				
4,4'-DDE	0.159	0.00400	"	0.100		159	40-140	High Bias			
4,4'-DDT	0.147	0.00400	"	0.100		147	40-140	High Bias			
Aldrin	0.111	0.00400	"	0.100		111	40-140				
alpha-BHC	0.121	0.00400	"	0.100		121	40-140				
alpha-Chlordane	0.110	0.00400	"	0.100		110	40-140				
beta-BHC	0.107	0.00400	"	0.100		107	40-140				
delta-BHC	0.134	0.00400	"	0.100		134	40-140				
Dieldrin	0.101	0.00200	"	0.100		101	40-140				
Endosulfan I	0.0892	0.00400	"	0.100		89.2	40-140				
Endosulfan II	0.122	0.00400	"	0.100		122	40-140				
Endosulfan sulfate	0.129	0.00400	"	0.100		129	40-140				
Endrin	0.129	0.00400	"	0.100		129	40-140				
Endrin aldehyde	0.128	0.0100	"	0.100		128	40-140				
Endrin ketone	0.122	0.0100	"	0.100		122	40-140				
gamma-BHC (Lindane)	0.115	0.00400	"	0.100		115	40-140				
gamma-Chlordane	0.109	0.0100	"	0.100		109	40-140				
Heptachlor	0.117	0.00400	"	0.100		117	40-140				
Heptachlor epoxide	0.103	0.00400	"	0.100		103	40-140				
Methoxychlor	0.131	0.00400	"	0.100		131	40-140				
Surrogate: Decachlorobiphenyl	0.194		"	0.201		96.4	30-150				
Surrogate: Tetrachloro-m-xylene	0.186		"	0.202		91.9	30-150				
LCS Dup (BJ80376-BSD1)						Prepared: 10/08/2018 Analyzed: 10/09/2018					
4,4'-DDD	0.0990	0.00400	ug/L	0.100		99.0	40-140		23.1	20	Non-dir.
4,4'-DDE	0.163	0.00400	"	0.100		163	40-140	High Bias	2.53	20	
4,4'-DDT	0.123	0.00400	"	0.100		123	40-140		17.5	20	
Aldrin	0.100	0.00400	"	0.100		100	40-140		10.6	20	
alpha-BHC	0.111	0.00400	"	0.100		111	40-140		9.37	20	
alpha-Chlordane	0.0974	0.00400	"	0.100		97.4	40-140		12.1	20	
beta-BHC	0.0959	0.00400	"	0.100		95.9	40-140		10.7	20	
delta-BHC	0.116	0.00400	"	0.100		116	40-140		13.9	20	
Dieldrin	0.0892	0.00200	"	0.100		89.2	40-140		12.3	20	
Endosulfan I	0.0632	0.00400	"	0.100		63.2	40-140		34.0	20	Non-dir.
Endosulfan II	0.105	0.00400	"	0.100		105	40-140		15.4	20	
Endosulfan sulfate	0.108	0.00400	"	0.100		108	40-140		18.2	20	
Endrin	0.110	0.00400	"	0.100		110	40-140		15.1	20	
Endrin aldehyde	0.107	0.0100	"	0.100		107	40-140		17.9	20	
Endrin ketone	0.0996	0.0100	"	0.100		99.6	40-140		20.1	20	Non-dir.
gamma-BHC (Lindane)	0.104	0.00400	"	0.100		104	40-140		9.54	20	
gamma-Chlordane	0.0963	0.0100	"	0.100		96.3	40-140		12.0	20	
Heptachlor	0.105	0.00400	"	0.100		105	40-140		10.3	20	
Heptachlor epoxide	0.0926	0.00400	"	0.100		92.6	40-140		10.7	20	
Methoxychlor	0.101	0.00400	"	0.100		101	40-140		25.6	20	Non-dir.
Surrogate: Decachlorobiphenyl	0.149		"	0.201		73.9	30-150				
Surrogate: Tetrachloro-m-xylene	0.170		"	0.202		84.0	30-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch Y8J0804 - BF80844

Performance Mix (Y8J0804-PEM1)

Prepared & Analyzed: 10/05/2018

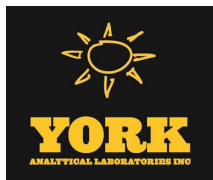
4,4'-DDD	0.00		ng/mL	0.00			0-200			
4,4'-DDE	0.762		"	0.00			0-200			
4,4'-DDT	210		"	200		105	0-200			
Endrin	123		"	100		123	0-200			
Endrin aldehyde	1.63		"	0.00			0-200			
Endrin ketone	3.63		"	0.00			0-200			

Batch Y8J1013 - BF80844

Performance Mix (Y8J1013-PEM1)

Prepared & Analyzed: 10/09/2018

4,4'-DDD	0.00		ng/mL	0.00			0-200			
4,4'-DDE	0.997		"	0.00			0-200			
4,4'-DDT	197		"	200		98.3	0-200			
Endrin	99.0		"	100		99.0	0-200			
Endrin aldehyde	3.38		"	0.00			0-200			
Endrin ketone	5.83		"	0.00			0-200			



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ80245 - EPA SW846-3510C Low Level

Blank (BJ80245-BLK2)

Prepared: 10/04/2018 Analyzed: 10/05/2018

Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	0.222		"	0.202		110	30-120				
Surrogate: Decachlorobiphenyl	0.203		"	0.201		101	30-120				

LCS (BJ80245-BS2)

Prepared: 10/04/2018 Analyzed: 10/05/2018

Aroclor 1016	1.09	0.0500	ug/L	1.00		109	40-120				
Aroclor 1260	1.33	0.0500	"	1.00		133	40-120	High Bias			
Surrogate: Tetrachloro-m-xylene	0.226		"	0.202		112	30-120				
Surrogate: Decachlorobiphenyl	0.207		"	0.201		103	30-120				

LCS Dup (BJ80245-BSD2)

Prepared: 10/04/2018 Analyzed: 10/05/2018

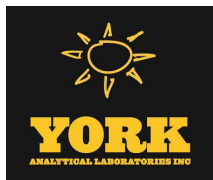
Aroclor 1016	1.15	0.0500	ug/L	1.00		115	40-120		4.84	30	
Aroclor 1260	1.29	0.0500	"	1.00		129	40-120	High Bias	3.06	30	
Surrogate: Tetrachloro-m-xylene	0.216		"	0.202		107	30-120				
Surrogate: Decachlorobiphenyl	0.189		"	0.201		94.0	30-120				

Batch BJ80376 - EPA SW846-3510C Low Level

Blank (BJ80376-BLK2)

Prepared: 10/08/2018 Analyzed: 10/09/2018

Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	0.234		"	0.202		116	30-120				
Surrogate: Decachlorobiphenyl	0.179		"	0.201		89.1	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
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Batch BJ80376 - EPA SW846-3510C Low Level

LCS (BJ80376-BS2)

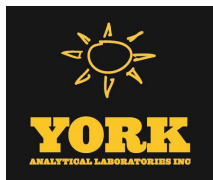
Prepared: 10/08/2018 Analyzed: 10/09/2018

Aroclor 1016	1.05	0.0500	ug/L	1.00		105	40-120				
Aroclor 1260	1.12	0.0500	"	1.00		112	40-120				
Surrogate: Tetrachloro-m-xylene	0.222		"	0.202		110	30-120				
Surrogate: Decachlorobiphenyl	0.182		"	0.201		90.5	30-120				

LCS Dup (BJ80376-BSD2)

Prepared: 10/08/2018 Analyzed: 10/09/2018

Aroclor 1016	1.01	0.0500	ug/L	1.00		101	40-120		3.59	30	
Aroclor 1260	1.12	0.0500	"	1.00		112	40-120		0.358	30	
Surrogate: Tetrachloro-m-xylene	0.226		"	0.202		112	30-120				
Surrogate: Decachlorobiphenyl	0.177		"	0.201		88.1	30-120				



Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ80430 - EPA 3015A

Blank (BJ80430-BLK1)

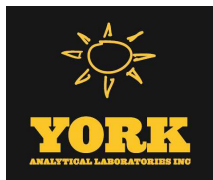
Prepared: 10/08/2018 Analyzed: 10/10/2018

Aluminum	ND	11.1	ug/L
Antimony	ND	1.11	"
Arsenic	ND	1.11	"
Barium	ND	1.11	"
Beryllium	ND	0.333	"
Cadmium	ND	0.556	"
Chromium	ND	1.11	"
Cobalt	ND	1.11	"
Copper	ND	1.11	"
Iron	ND	11.1	"
Lead	ND	1.11	"
Manganese	ND	1.11	"
Nickel	ND	1.11	"
Selenium	3.01	1.11	"
Silver	ND	1.11	"
Thallium	ND	1.11	"
Vanadium	ND	1.11	"
Zinc	ND	1.11	"

LCS (BJ80430-BS1)

Prepared: 10/08/2018 Analyzed: 10/10/2018

Aluminum	2530	ug/L	2500	101	80-120
Antimony	50.4	"	50.0	101	80-120
Arsenic	48.9	"	50.0	97.8	80-120
Barium	54.8	"	50.0	110	80-120
Beryllium	51.4	"	50.0	103	80-120
Cadmium	51.1	"	50.0	102	80-120
Chromium	46.1	"	50.0	92.2	80-120
Cobalt	47.3	"	50.0	94.6	80-120
Copper	48.7	"	50.0	97.4	80-120
Iron	2560	"	2500	102	80-120
Lead	58.2	"	50.0	116	80-120
Manganese	50.4	"	50.0	101	80-120
Nickel	49.1	"	50.0	98.3	80-120
Selenium	50.3	"	50.0	101	80-120
Silver	49.4	"	50.0	98.9	80-120
Thallium	58.5	"	50.0	117	80-120
Vanadium	46.9	"	50.0	93.8	80-120
Zinc	51.1	"	50.0	102	80-120



Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BJ80430 - EPA 3015A

Duplicate (BJ80430-DUP1)		*Source sample: 18J0190-10 (CIM-MW-01)					Prepared: 10/08/2018 Analyzed: 10/10/2018				
Aluminum	71.1	11.1	ug/L		ND					20	
Antimony	ND	1.11	"		ND					20	
Arsenic	ND	1.11	"		ND					20	
Barium	151	1.11	"		145				4.13	20	
Beryllium	ND	0.333	"		ND					20	
Cadmium	ND	0.556	"		ND					20	
Chromium	ND	1.11	"		ND					20	
Cobalt	ND	1.11	"		ND					20	
Copper	ND	1.11	"		ND					20	
Iron	6700	11.1	"		6460				3.55	20	
Lead	2.52	1.11	"		2.38				5.78	20	
Manganese	3160	1.11	"		3140				0.609	20	
Nickel	ND	1.11	"		ND					20	
Selenium	ND	1.11	"		1.68					20	
Silver	ND	1.11	"		ND					20	
Thallium	ND	1.11	"		ND					20	
Vanadium	ND	1.11	"		ND					20	
Zinc	10.2	1.11	"		10.3				1.34	20	

Matrix Spike (BJ80430-MS1)		*Source sample: 18J0190-10 (CIM-MW-01)					Prepared: 10/08/2018 Analyzed: 10/10/2018				
Antimony	56.5		ug/L	50.0	0.108	113	75-125				
Arsenic	53.4		"	50.0	0.789	105	75-125				
Barium	184		"	50.0	130	108	75-125				
Beryllium	44.1		"	50.0	0.003	88.2	75-125				
Cadmium	53.3		"	50.0	0.013	107	75-125				
Chromium	45.4		"	50.0	0.353	90.0	75-125				
Cobalt	43.3		"	50.0	0.050	86.6	75-125				
Copper	42.2		"	50.0	0.170	84.1	75-125				
Iron	7940		"	2500	5820	84.7	75-125				
Lead	61.3		"	50.0	2.14	118	75-125				
Manganese	2850		"	50.0	2830	54.2	75-125	Low Bias			
Nickel	43.9		"	50.0	0.214	87.3	75-125				
Selenium	54.8		"	50.0	1.51	107	75-125				
Silver	46.2		"	50.0	0.0006	92.5	75-125				
Thallium	60.2		"	50.0	0.070	120	75-125				
Vanadium	47.2		"	50.0	-0.164	94.5	75-125				
Zinc	58.3		"	50.0	9.26	98.0	75-125				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ80309 - EPA 7473 water											
Blank (BJ80309-BLK1)								Prepared & Analyzed: 10/05/2018			
Mercury	ND	0.00020	mg/L								
Duplicate (BJ80309-DUP1)								Prepared & Analyzed: 10/05/2018			
*Source sample: 18J0190-10 (CIM-MW-01)											
Mercury	ND	0.00020	mg/L		ND					20	
Matrix Spike (BJ80309-MS1)								Prepared & Analyzed: 10/05/2018			
*Source sample: 18J0190-10 (CIM-MW-01)											
Mercury	0.00923		mg/L	0.0100	0.00	92.3	75-125				
Reference (BJ80309-SRM1)								Prepared & Analyzed: 10/05/2018			
Mercury	0.00982		mg/L	0.0100		98.2	70-130				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18J0190-01	CIM-MW-03	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18J0190-02	CIM-MW-07	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18J0190-03	CIM-MW-06	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18J0190-04	CIM-MW-09	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18J0190-05	CIM-MW-04	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18J0190-06	CIM-MW-08	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18J0190-07	CIM-MW-05	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18J0190-08	CIM-MW-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18J0190-09	CIM-MW-02	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18J0190-10	CIM-MW-01	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18J0190-11	CIM-MW-FD	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18J0190-12	CIM-TB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
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.
M-CRL	The RL check for this element recovered outside of control limits.
M-ICV2	The recovery for this element in the ICV was outside the 90-110% recovery criteria.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
S-08	The recovery of this surrogate was outside of QC limits.
M-SRD1	The serial dilution for this element was outside control limits.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported



RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: The report was revised due to an analysis prep/date error for volatiles



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YORK
ANALYTICAL LABORATORIES INC.

Field Chain-of-Custody Record

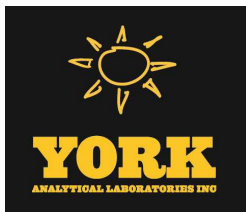
YORK Project No.

1870190

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

Page 1 of 2

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	The Chazen Companies	Company:	Chazen	Company:	Chazen	41548.00		RUSH - Next Day	
Address:	21 Fox Street	Address:		Address:		TASK 0500		RUSH - Two Day	
Phone:	Poughkeepsie, NY 12601	Phone:		Phone:		YOUR Project Name		RUSH - Three Day	
Contact:	Will Olsen	Contact:	Will Olsen	Contact:	Accounts Payable	Consolidated Iron and Metal		RUSH - Four Day	
E-mail:	Wolsen@chazencompanies.com	E-mail:	Wolsen@chazencompanies.com	E-mail:		YOUR PO#:		Standard (5-7 Day)	
Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.		Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.	
Samples Collected by: (print your name above and sign below) William G. Olsen [Signature]		S - soil / solid		New York		Summary Report		Compared to the following Regulation(s): (please fill in)	
		GW - groundwater		New Jersey		QA Report		Part 303	
		DW - drinking water		Connecticut		NY ASP A Package		6W	
		WW - wastewater		Pennsylvania		NY ASP B Package			
		O - Oil ; Other		Other					
Sample Identification		Sample Matrix		Date/Time Sampled		Analysis Requested		Container Description	
CIM-MW-03		GW		10-1-18 12:41		TCL VOCs, TCL SVOCs, TAL Metals, PCBs, Pesticides		3x40ml; 3xMB C	
CIM-MW-07				14:50					
CIM-MW-06				15:59					
CIM-MW-09				10-2-18 10:25					
CIM-MW-04				11:29					
CIM-MW-08				12:39					
CIM-MW-05				13:30					
CIM-MW-10				14:17					
CIM-MW-02				15:24					
CIM-MW-01				16:18					
Comments: Samples from iced coolers transferred to Chazen sample refrigerator @ 08:30, 10-3-18. @									
Samples Relinquished by / Company		Date/Time		Samples Relinquished by / Company		Date/Time		Special Instruction	
Will G. Olsen / Chazen		10-3-18 08:30		[Signature]		10/3/18 2:17		Field Filtered Lab to Filter	
Received by / Company		Date/Time		Samples Received by / Company		Date/Time			
Relinquished by / Company		Date/Time		Samples Received in Lab by		Date/Time		Temp. Received at Lab	
				TO Hall 10/3/18 1751				4.2	



Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)

21 Fox Street

Poughkeepsie NY, 12601

Attention: Will Olsen

Report Date: 11/28/2018

Client Project ID: 41548.00 TASK 0500

York Project (SDG) No.: 18J0190

Revision No. 2.0

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
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STRATFORD, CT 06615
(203) 325-1371



132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 11/28/2018
Client Project ID: 41548.00 TASK 0500
York Project (SDG) No.: 18J0190

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 October 03, 2018 and listed below. The project was identified as your project: **41548.00 TASK 0500**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
18J0190-01	CIM-MW-03	Water	10/01/2018	10/03/2018
18J0190-02	CIM-MW-07	Water	10/01/2018	10/03/2018
18J0190-03	CIM-MW-06	Water	10/01/2018	10/03/2018
18J0190-04	CIM-MW-09	Water	10/02/2018	10/03/2018
18J0190-05	CIM-MW-04	Water	10/02/2018	10/03/2018
18J0190-06	CIM-MW-08	Water	10/02/2018	10/03/2018
18J0190-07	CIM-MW-05	Water	10/02/2018	10/03/2018
18J0190-08	CIM-MW-10	Water	10/02/2018	10/03/2018
18J0190-09	CIM-MW-02	Water	10/02/2018	10/03/2018
18J0190-10	CIM-MW-01	Water	10/02/2018	10/03/2018
18J0190-11	CIM-MW-FD	Water	10/02/2018	10/03/2018

General Notes for York Project (SDG) No.: 18J0190

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 11/28/2018





Sample Information

Client Sample ID: CIM-MW-03

York Sample ID: 18J0190-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18J0190

41548.00 TASK 0500

Water

October 1, 2018 12:41 pm

10/03/2018

Calcium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	110		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Magnesium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	29.2		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Potassium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	6.73		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sodium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	35.7		mg/L	0.556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CIM-MW-07

York Sample ID: 18J0190-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18J0190

41548.00 TASK 0500

Water

October 1, 2018 2:50 pm

10/03/2018

Calcium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	71.3		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:03	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

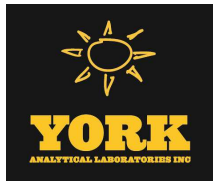
Magnesium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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

Client Sample ID: CIM-MW-07

York Sample ID: 18J0190-02

York Project (SDG) No.

18J0190

Client Project ID

41548.00 TASK 0500

Matrix

Water

Collection Date/Time

October 1, 2018 2:50 pm

Date Received

10/03/2018

Magnesium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	15.7		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:03	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Potassium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	8.85		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:03	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sodium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	55.3		mg/L	0.556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:03	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CIM-MW-06

York Sample ID: 18J0190-03

York Project (SDG) No.

18J0190

Client Project ID

41548.00 TASK 0500

Matrix

Water

Collection Date/Time

October 1, 2018 3:59 pm

Date Received

10/03/2018

Calcium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	110		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Magnesium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	35.3		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

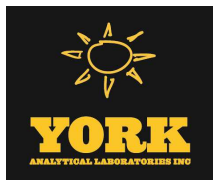
Potassium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	3.93		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: CIM-MW-06

York Sample ID: 18J0190-03

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 1, 2018 3:59 pm

Date Received
10/03/2018

Sodium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	23.4		mg/L	0.556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CIM-MW-09

York Sample ID: 18J0190-04

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 10:25 am

Date Received
10/03/2018

Calcium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	136		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Magnesium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	22.4		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Potassium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	4.01		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

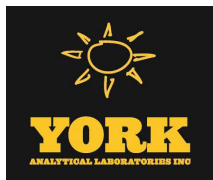
Sodium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	170		mg/L	0.556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: CIM-MW-04

York Sample ID: 18J0190-05

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 11:29 am

Date Received
10/03/2018

Calcium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	66.9		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Magnesium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	46.9		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Potassium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	19.1		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sodium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	68.8		mg/L	0.556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CIM-MW-08

York Sample ID: 18J0190-06

York Project (SDG) No.
18J0190

Client Project ID
41548.00 TASK 0500

Matrix
Water

Collection Date/Time
October 2, 2018 12:39 pm

Date Received
10/03/2018

Calcium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	112		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Magnesium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	22.4		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: CIM-MW-08

York Sample ID: 18J0190-06

York Project (SDG) No.

18J0190

Client Project ID

41548.00 TASK 0500

Matrix

Water

Collection Date/Time

October 2, 2018 12:39 pm

Date Received

10/03/2018

Potassium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	6.49		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sodium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	5.82		mg/L	0.556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CIM-MW-05

York Sample ID: 18J0190-07

York Project (SDG) No.

18J0190

Client Project ID

41548.00 TASK 0500

Matrix

Water

Collection Date/Time

October 2, 2018 1:30 pm

Date Received

10/03/2018

Calcium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	131		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:15	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Magnesium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	41.8		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:15	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Potassium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	14.1		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:15	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

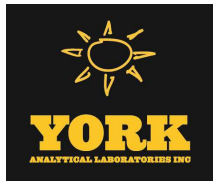
Sodium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	73.3		mg/L	0.556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:15	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: CIM-MW-10

York Sample ID: 18J0190-08

York Project (SDG) No.

18J0190

Client Project ID

41548.00 TASK 0500

Matrix

Water

Collection Date/Time

October 2, 2018 2:17 pm

Date Received

10/03/2018

Calcium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	106		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Magnesium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	27.2		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Potassium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	12.9		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sodium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	106		mg/L	0.556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CIM-MW-02

York Sample ID: 18J0190-09

York Project (SDG) No.

18J0190

Client Project ID

41548.00 TASK 0500

Matrix

Water

Collection Date/Time

October 2, 2018 3:24 pm

Date Received

10/03/2018

Calcium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	193		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

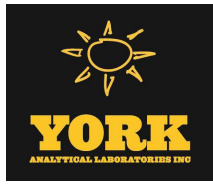
Magnesium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	48.8		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: CIM-MW-02

York Sample ID: 18J0190-09

York Project (SDG) No.

18J0190

Client Project ID

41548.00 TASK 0500

Matrix

Water

Collection Date/Time

October 2, 2018 3:24 pm

Date Received

10/03/2018

Potassium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	5.67		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sodium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	89.0		mg/L	0.556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CIM-MW-01

York Sample ID: 18J0190-10

York Project (SDG) No.

18J0190

Client Project ID

41548.00 TASK 0500

Matrix

Water

Collection Date/Time

October 2, 2018 4:18 pm

Date Received

10/03/2018

Calcium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	165		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Magnesium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	26.9		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Potassium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	5.03		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sodium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	364		mg/L	0.556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: CIM-MW-FD

York Sample ID: 18J0190-11

York Project (SDG) No.

18J0190

Client Project ID

41548.00 TASK 0500

Matrix

Water

Collection Date/Time

October 2, 2018 3:00 pm

Date Received

10/03/2018

Calcium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	168		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Magnesium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	27.0		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Potassium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	5.09		mg/L	0.0556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sodium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	373		mg/L	0.556	1	EPA 6010D	10/08/2018 15:00	11/28/2018 16:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Analytical Batch Summary

Batch ID: BK81455

Preparation Method: EPA 3015A

Prepared By: KML

YORK Sample ID	Client Sample ID	Preparation Date
18J0190-01	CIM-MW-03	10/08/18
18J0190-02	CIM-MW-07	10/08/18
18J0190-03	CIM-MW-06	10/08/18
18J0190-04	CIM-MW-09	10/08/18
18J0190-05	CIM-MW-04	10/08/18
18J0190-06	CIM-MW-08	10/08/18
18J0190-07	CIM-MW-05	10/08/18
18J0190-08	CIM-MW-10	10/08/18
18J0190-09	CIM-MW-02	10/08/18
18J0190-10	CIM-MW-01	10/08/18
18J0190-11	CIM-MW-FD	10/08/18
BK81455-BLK1	Blank	10/08/18
BK81455-BS1	LCS	10/08/18



Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK81455 - EPA 3015A

Blank (BK81455-BLK1)

Prepared: 10/08/2018 Analyzed: 11/28/2018

Calcium	ND	0.0500	mg/L
Magnesium	ND	0.0500	"
Potassium	ND	0.0500	"
Sodium	ND	0.500	"

LCS (BK81455-BS1)

Prepared: 10/08/2018 Analyzed: 11/28/2018

Calcium	2.60		ug/mL	2.50	104	80-120
Magnesium	2.65		"	2.50	106	80-120
Potassium	2.55		"	2.50	102	80-120
Sodium	2.88		"	2.50	115	80-120





Sample and Data Qualifiers Relating to This Work Order

M-CRL The RL check for this element recovered outside of control limits.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to include metals Ca, Mg, K, Na.



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YORK
ANALYTICAL LABORATORIES, INC.

Field Chain-of-Custody Record

YORK Project No.

1870190

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

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YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	The Chazen Companies	Company:	Chazen	Company:	Chazen	41548.00		RUSH - Next Day	
Address:	21 Fox Street	Address:		Address:		TASK 0500		RUSH - Two Day	
Phone:	Poughkeepsie, NY 12601	Phone:		Phone:		YOUR Project Name		RUSH - Three Day	
Contact:	Will Olsen	Contact:	Will Olsen	Contact:	Accounts Payable	Consolidated Iron and Metal		RUSH - Four Day	
E-mail:	Wolsen@chazencompanies.com	E-mail:	Wolsen@chazencompanies.com	E-mail:		YOUR PO#: 3284		Standard (5-7 Day)	
Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.		Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.	
Samples Collected by: (print your name above and sign below) William G. Olsen [Signature]		S - soil / solid		New York		Summary Report		Compared to the following Regulation(s): (please fill in)	
		GW - groundwater		New Jersey		QA Report		Part 303	
		DW - drinking water		Connecticut		NY ASP A Package		6W	
		WW - wastewater		Pennsylvania		NY ASP B Package			
		O - Oil ; Other		Other					
Sample Identification		Sample Matrix		Date/Time Sampled		Analysis Requested		Container Description	
CIM-MW-03		GW		10-1-18 12:41		TCL VOCs, TCL SVOCs, TAL Metals, PCBs, Pesticides		3x40ml; 3xMB C	
CIM-MW-07				14:50					
CIM-MW-06				15:59					
CIM-MW-09				10-2-18 10:25					
CIM-MW-04				11:29					
CIM-MW-08				12:39					
CIM-MW-05				13:30					
CIM-MW-10				14:17					
CIM-MW-02				15:24					
CIM-MW-01				16:18					
Comments: Samples from iced coolers transferred to Chazen sample refrigerator @ 08:30, 10-3-18. @									
Preservation: (check all that apply)									
HCl ☒ MeOH ☒ HNO ₃ ☒ H ₂ SO ₄ ☒ NaOH ☒ ZnAc ☒									
Ascorbic Acid ☒ Other: ICE									
Date/Time		10/3/18 2:17		Date/Time		10/3/18 1751			
Samples Relinquished by / Company		Will G. Olsen / Chazen		Samples Relinquished by / Company		10/3/18 1751			
Date/Time		10-3-18 08:30		Date/Time		10/3/18 1751			
Received by / Company		Will G. Olsen / Chazen		Samples Received by / Company		10/3/18 1751			
Date/Time		10-3-18 08:30		Date/Time		10/3/18 1751			
Relinquished by / Company		Will G. Olsen / Chazen		Samples Received in Lab by		10/3/18 1751			
Date/Time		10-3-18 08:30		Date/Time		10/3/18 1751			
Temp. Received at Lab		4.2		Temp. Received at Lab		4.2			

