Periodic Review Report

Former Consolidated Iron and Metal

EPA Site Number: NY0002455756
NYSDEC Site Number: 336055

Washington Avenue
City of Newburgh
Orange County, New York

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

Prepared for:

City of Newburgh
83 Broadway
Newburgh, NY 12550

November 8, 2017

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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 second 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 semivolatile 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 pf 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 to off-site buildings was determined to be insignificant.

Based on the work completed for the Site, the site was reclassified in August 2014 from Class 2 to Class 4 Site on 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 June 14, 2017. The results are described in Section 2.1. Periodic sampling of the groundwater monitoring network and analysis was performed on June 13 and 14, 2017. 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).

Visual inspection of the site was performed by Chazen personnel on June 14, 2017. Commencing at the northwest corner of the site, the site perimeter was traversed in a counter-clockwise direction to observe the condition of the perimeter fence and erosion control blanket along the river front.

After inspecting the perimeter, three sub-parallel, north-to south traverses were walked to observe the condition of the soil cover and drainage networks. A site map with approximate locations of the traverses and photos of 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.

There is a gravel access road parallel to the north property boundary fence with signage identifying the Site as part of the Washington Street-Ward Brothers Park Riverfront Trail Public recreation area. Newly installed, slightly raised, gravel covered footpaths allow pedestrian traffic to traverse the Site diagonally and along the top of the embankment along the river. The footpaths are accessible via pedestrian gates in the property boundary security fence. These features (road, signs, gates, and paths) have been added since the last PRR/Site Inspection was completed in November 2015. The footpaths do not appear to have had any adverse impact of the soil cover system. Chazen understands that the Riverfront Trails were opened in September 2016.

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 June 13, 2017 and seven of the wells were sampled on June 14, 2017.

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 secure with all 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 construction logs and the 2015 sampling logs. The data suggests that MW-04 has experienced approximately 2-inches of siltation. The measurements in the remaining wells are within 3/8 of an inch. Siltation of MW-04 did not impede sample collection. Three of the ten wells in the monitoring network were sampled in accordance with the approved NYSDEC

approved SMP for the Site. A mini-submersible pump was used to purge three well volumes and samples collected when the well achieved 90-percent recovery MW-03, MW-07, and MW-09 were sampled using this method.

Per discussions with NYSDEC's on-site representative, the remaining wells were sampled using low-flow methods using a peristaltic pump at a pumping rate ranging from 0.05 to 0.15 gallons per minute, limiting drawdown and allowing sample collection upon documentation of stabilized field parameters.

When using low-flow sampling, the depth to water in the well and Water Quality Parameters (WQPs) were measured and recorded every five-minutes, or after each well volume purged. The WQPs (temperature, pH, specific conductance, oxidation-reduction potential, and dissolved oxygen) were measured with an YSI multi-parameter water quality meter. Pumping continued until drawdown and the WQPs stabilized. The data was recorded in the field logs and 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 an ice filled cooler. The three samples collected on June 13, 2017 were held overnight in our locked sample refrigerator in Chazen's Poughkeepsie office. The seven samples collected on June 14, 2017 were added to the refrigerator and a single sample shipment was transported directly to the laboratory by courier. 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, a Matrix Spike and Matrix Spike Duplicate, and an equipment blank were collected during the sampling event.

The TB supplied by the laboratory was included in each shipment of samples for VOC analysis for each day (1) of sampling.

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.

An Equipment Blank (sample EB) was collected by pumping laboratory supplied DI water through a new piece of the peristaltic pumping sampling tube. The blank was collected at the end of the day of the day immediately after sampling the last well.

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 June 13, 2017 (@ approx. 11 am)					
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	14.40	3.61
MW-02	13.99	11.17	2.82	12.77	1.22
MW-03	13.26	10.15	3.10	12.35	0.91
MW-04	11.74	8.77	2.98	11.11	0.63
MW-05	11.52	8.45	3.07	10.72	0.80
MW-06	10.50	7.84	2.66	10.24	0.26
MW-07	10.76	7.99	2.77	9.97	0.79
MW-08	10.85	8.14	2.71	10.19	0.66
MW-09	15.69	12.35	3.34	13.45	2.24
MW-10	11.13	8.47	2.66	10.52	0.61
Elevation in NAVD 88 AMSL = Above Mean Sea Level					

The data (shade) was plotted on the site survey map and used to generate an approximate groundwater contour sketch of the site. A copy of the sketch is included as **Figure 2**.

Based on available Hudson River tidal data for Newburgh, NY the tidal range for Tuesday 2017-06-13 was:

High:	2:50 AM EDT	3.1 ft AMSL
Low:	9:51 AM EDT	0.2 ft AMSL
High:	3:34 PM EDT	2.6 ft AMSL

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/cm²)	ORP (mV)	DO (mg/l)
MW-01	13.5	6.90	2425	-68.5	0.30
MW-02	13.0	6.68	1486	-53.2	0.53
MW-03	13.5	7.03	1178	-58.2	3.67
MW-04	12.4	7.03	994	-60.8	0.20
MW-05	12.7	7.16	1171	-80.7	0.31
MW-06	13.5	7.31	919	-17.5	1.66
MW-07	11.5	7.06	1022	-79.9	2.25
MW-08	12.7	7.13	1007	-62.6	0.54
MW-09	15.2	7.39	1424	6.6	2.72
MW-10	12.4	7.12	1184	-86.9	0.98

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 exhibit higher temperatures, higher acidity, and lower dissolve oxygen concentrations. 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) is included in the table below.

Group	Temp (°C)	pH	SC (µS/cm²)	ORP (mV)	DO (mg/l)
North	13.02	7.034	1437	-61.36	0.756
South	13.06	7.128	1125	-50.98	1.876

During this sampling round, with the exception of the DO, the average WQPs in the north and south groups were very similar.

3.3 VOLATILE ORGANIC COMPOUNDS

A total of fourteen VOCs were reported in one or more groundwater samples at a concentration greater than the method detection limit. Two of these compounds (Acetone and Methylene Chloride) are laboratory artifacts and were eliminated from further consideration. 1,2-DCE (cis and trans) was reported at trace concentrations (< 1 µg/l) in MW-01. As these are not COCs and were detected at very low concentrations in only one location, they are also removed from further consideration. Carbon disulfide was reported in three samples at a maximum concentration of 2.9 µg/l. There is no applicable standard for this compound and it is also removed from further consideration.

The remaining seven VOCs include BTEX, MTBE, Isopropylbenzene, and methylcyclohexane (an ocatane enhancer used in gasoline). Of these, benzene, ethylbenzene, and isopropylbenzene were reported in MW-01 at concentrations that exceed the applicable standards.

A "hit" summary table is included below (samples ordered by Lab ID to facilitate cross-checking with data packs)

Sample ID	AWQS	MW-09		MW-03		MW-07		MW-08		MW-04	
York ID: SDG#17F0627		#01		#02		#03		#04		#05	
COMPOUND		R	Q	R	Q	R	Q	R	Q	R	Q
Benzene	1	**0.71**		0.20	U	0.41	J	0.20	U	0.200	U
Ethyl Benzene	5	0.20	U	0.20	U	0.20	U	0.20	U	0.200	U
Isopropylbenzene	5	0.20	U	0.20	U	0.20	U	0.20	U	0.200	U
MTBE	10	0.20	U	**8.20**		**6.90**		**1.20**		**2.200**	
Methylcyclohexane	~	0.20	U	0.20	U	0.20	U	0.20	U	0.200	U
o-Xylene	5	0.20	U	0.20	U	**0.58**		0.20	U	0.200	U
Toluene	5	0.20	U	0.20	U	**0.33**	J	0.20	U	0.200	U
Xylenes, Total	5	0.60	U	0.60	U	**0.87**	J	0.60	U	0.600	U
Sample ID	**AWQS**	**MW-05**		**MW-06**		**MW-10**		**MW-02**		**MW-01**	
York ID: SDG#17F0627		**#06**		**#07**		**#08**		**#09**		**#10**	
COMPOUND		**R**	**Q**	**R**	**Q**	**R**	**Q**	**R**	**Q**	**R**	**Q**
Benzene	1	0.20	U	0.20	U	0.20	U	0.20	U	**17**	D
Ethyl Benzene	5	0.20	U	0.20	U	0.20	U	0.20	U	**210**	D
Isopropylbenzene	5	0.20	U	0.20	U	0.20	U	0.20	U	**41**	D
MTBE	10	**4.10**		**0.58**		**2.10**		**0.83**		5	U
Methylcyclohexane	~	0.20	U	0.20	U	0.20	U	0.20	U	**18**	**D**
o-Xylene	5	0.20	U	0.20	U	0.20	U	0.20	U	5	U
Toluene	5	0.20	U	0.20	U	0.20	U	**0.40**	J	5	U
Xylenes, Total	5	0.60	U	0.60	U	0.60	U	0.60	U	15	U

Results in µg/l
All detections Bold
Estimates in red text
Exceedences in Yellow
D = Diluted sample
AWQS = NYS Ambient Water Quality Standards in TOGS V 1.1.1

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

3.4 SEMIVOLATILE ORGANIC COMPOUNDS

A total of 16 SVOCs were detected in one or more of the groundwater samples at concentrations that exceeded the method detection limit (MDL) for SVOC/SOM (low level) analysis. The concentrations of eight of these compounds exceed the applicable AWQS. Six of these eight compounds are PAH's with an AWQS of 0.002 µg/l that were reported at trace concentrations < 0.15 µ/l. The other two were, Naphthalene and Bis(2-ethylhexyl)phthalate reported at a concentration of 40.3 µg/l in MW-01 and 28.1 µg/l in MW-07, respectively. Trace concentrations were also reported for Acenaphthalene and Benzo(g,h,i)perylene but there is no applicable standard for these compounds.

The laboratory reporting limit was greater than the applicable AWQS for ten of the SVOCs. A "hit" summary for SVOCs is included in the table below. The summary includes compounds detected in one or more samples at or above the MDL. The laboratory results for all SVOCs are included in **Table 2**.

SAMPLE ID	AWQS	MW-01		MW-03		MW-05		MW-06		MW-07		MW-08		MW-10	
LAB ID: SDG 17F0627		SDG--10		SDG--02		SDG--06		SDG--07		SDG--03		SDG--04		SDG--08	
SVOCs		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Acenaphthene	20	**0.164**		**0.695**		**0.811**		0.0526	U	**1.080**		**0.189**		**0.174**	
Acenaphthylene	NS	**0.0718**		**0.0526**	J	**0.105**		0.0526	U	**0.0718**		0.0526	U	0.0513	U
Anthracene	50	**0.0615**		**0.116**		**0.116**		0.0526	U	**0.267**		**0.0632**		0.0513	U
Benzo(a)anthracene	0.002	0.0513	U	0.0526	U	0.0526	U	0.0526	U	0.0513	U	**0.126**		0.0513	U
Benzo(a)pyrene	0.002	0.0513	U	0.0526	U	0.0526	U	0.0526	U	0.0513	U	**0.126**		0.0513	U
Benzo(b)fluoranthene	0.002	0.0513	U	0.0526	U	0.0526	U	0.0526	U	0.0513	U	**0.0842**		0.0513	U
Benzo(g,h,i)perylene	NS	0.0513	U	0.0526	U	0.0526	U	0.0526	U	0.0513	U	**0.0842**		0.0513	U
Benzo(k)fluoranthene	0.002	0.0513	U	0.0526	U	0.0526	U	0.0526	U	0.0513	U	**0.105**		0.0513	U
Bis(2-ethylhexyl)phthalate	5	0.513	U	0.526	U	0.526	U	**0.968**		**28.10**	E	**0.674**		0.513	U
Chrysene	0.002	0.0513	U	0.0526	U	0.0526	U	0.0526	U	**0.0513**	J	**0.116**		0.0513	U
Fluoranthene	50	**0.0923**		**0.337**		**0.853**		0.0526	U	**0.667**		**0.326**		0.0513	U
Fluorene	50	**0.154**		**0.337**		**0.779**		0.0526	U	**0.595**		**0.0526**	J	0.0513	U
Indeno(1,2,3-cd)pyrene	0.002	0.0513	U	0.0526	U	0.0526	U	0.0526	U	0.0513	U	**0.0737**		0.0513	U
Naphthalene	10	**40.30**		0.0526	U	0.0526	U	0.0526	U	**0.0923**		0.0526	U	0.0513	U
Phenanthrene	50	**0.154**		**0.442**		**0.632**		0.0526	U	**1.670**		**0.168**		**0.144**	
Pyrene	50	**0.0821**		**0.253**		**0.916**		0.0526	U	**0.513**		**0.253**		0.0513	U

All results in µg/l

All Detections Bold

Exceedences in Yellow

NS = No Standard

U = ND at or greater than reported RL

J = Concentration less than RL but greater than MDL

E = Estimated concentration

3.5 TAL METALS

Analysis for 23 regulated metals on the Target Analyte List identified 13 elements in one or more groundwater samples at concentrations that exceeded the MDLs. Antimony, Arsenic, Lead, Magnesium, Manganese, and Sodium were reported in one or more samples at a concertation that exceeded their applicable standard.

A "hit" summary for Metals is included in the table below. The summary includes each element that was detected at or above the applicable ambient water quality standard on one or more samples. The complete laboratory results for the TAL Metals analysis is included as **Table 3**.

Hit Summary for TAL-Metals

Sample ID		**#MW-09**		**#MW-03**		**#MW-07**		**#MW-08**		**#MW-04**	
York ID 17F0627	**AWQS**	**#01**		**#02**		**#03**		**#04**		**#05**	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Antimony	3	**6**	U	**6**	U	**6**	U	**6**	U	**6**	U
Arsenic	25	**6**		**18**		**8**		**8**		**9**	
Lead	25	3	U	9	B	3	U	**43**	B	5	B
Magnesium	35000	**20,700**		**49,800**		**21,100**		**24,300**		**41,200**	
Manganese	300	**616**		**276**		**653**		**789**		**215**	
Sodium	20000	**99,000**	B	**46,500**	B	**39,300**	B	**40,500**	B	**49,500**	B
Sample ID		**#MW-05**		**#MW-06**		**#MW-10**		**#MW-02**		**#MW-01**	
York ID 17F0627	**AWQS**	**#06**		**#07**		**#08**		**#09**		**#10**	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Antimony	3	**6**	U	**6**	U	**6**	U	**6**	U	**7**	B
Arsenic	25	4	U	4	U	**7**		**33**		4	U
Lead	25	3	U	**29**	B	3	U	3	U	3	U
Magnesium	35000	**37,300**		**35,000**		**25,400**		**36,400**		**24,800**	
Manganese	300	**381**		**229**		**871**		**2,330**		**3,730**	
Sodium	20000	**56,300**	B	**36,200**	B	**69,400**	B	**52,100**	B	**233,000**	B

All results in µg/l
All Detections Bold
Exceedences in Yellow

3.6 PCBS & PESTICIDES

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

3.7 QA/QC Sampling Results

Acetone was detected in one or more samples including the Equipment Blank and the Trip Blank at concentrations up to 6.2 µg/l. The Acetone is considered a laboratory artifact.

Methylene chloride was reported in the equipment blank at 1.1 µg/l. It was not reported in the TB or in any of the groundwater samples. The methylene chloride is probably a laboratory artifact.

Trace concentrations of antimony, lead, sodium, and zinc were detected in the analytical batch blank of the analysis.

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

4.0 DATA REVEIW

The identified site related compounds of concern specified in the SMP include BTEX and MTBE, PCBs, Lead and Cadmium. However, for the first two sampling events after completion of the remedial action the analyses were expanded to include TCL-VOCs, TCL-SVOCs, and TAL-Metals to confirm whether monitoring for the COCs only was sufficient to evaluate the effectiveness of the remedy.

Results of the most recent three sampling events, May 2013, November 2015, and June 2017 are compared in the following sections. The 2013 samples were collected before the remedial action was performed. The November 2015 event establishes 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 two 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 sampling events except for gasoline-related compounds in samples collected from MW-01.

VOC	AWQS	MW-01					
		28-May-13		10-Nov-15		14-Jun-17	
		Result	Q	Result	Q	Result	Q
Benzene	1	**22**		**37**		**17**	D
Toluene	5	**9.9**		**5.30**		5	U
Ethyl Benzene	5	**720**		**55**		**210**	D
Xylenes, Total	10	**73**		**5.60**		15	U
Methylcyclohexane	NS	84		30		**18**	D
Isopropylbenzene	5	**83**		1.6		**41**	D

Results in µg/l
Result that exceed applicable standard in BOLD
NS=No standard
U = not detected
J= estimated quantity

All reported concentrations from the most recent sampling event are less than the results reported prior to the remedial action. However, they are also all within the same order of magnitude suggesting that recent results may also be the result of natural temporal/seasonal variability. Groundwater quality does appear slightly improved since the remedial action was performed but trend analysis cannot yet be completed.

MTBE has not been detected in MW-01. However, it has been detected in seven other on-site wells, summarized in the table below. No exceedences were reported in the most recent sampling round. The number of data points is too small to define a "trend" and range too narrow to draw a conclusion other than the concentration of MTBE does not appear to be increasing.

Date	AWQS	MW-02	MW-03	MW-04	MW-05	MW-06	MW-07	MW-10
		Result	Result	Result	Result	Result	Result	Result
28-May-13	10	0.74	**10**	2.6	5.3	0.97	9.9	3
10-Nov-15	10	0.88	**11**	2	5.6	0.41 J	**12**	2.1
14-Jun-17	10	0.83	8.20	2.20	4.10	0.58	6.90	2.10

4.2 SVOCS

Several PAHs were reported at ultra-trace (< 0.1 µg/l) concentrations in the samples collected from MW-07 and MW-08 and also concentrations greater than their applicable standards. However, the previous sampling events had detection limits that were 2.5 orders of magnitude higher than these detected concentrations and these compounds were not reported. Consequently, no trends can be implied from these data.

Naphthalene was reported at 40 µg/l in the sample collected from MW-01. This result is more than 2 orders of magnitude higher than the November 2015 results and therefore considered significant. It appears to attenuate as BTEX attenuates, as is apparent in the non-detect results for both BTEX and Napthalene in wells downgradient from MW-01.

A summary for each compound with an exceedences of its AWQS is included below.

SAMPLE ID	AWQS	MW-01		MW-07		MW-08	
LAB ID: SDG 17F0627		#10		#03		#04	
SVOCs		Result	Q	Result	Q	Result	Q
Benzo(a)anthracene	0.002	0.0513	U	0.0513	U	**0.126**	
Benzo(a)pyrene	0.002	0.0513	U	0.0513	U	**0.126**	
Benzo(b)fluoranthene	0.002	0.0513	U	0.0513	U	**0.0842**	
Benzo(g,h,i)perylene	NS	0.0513	U	0.0513	U	**0.0842**	
Benzo(k)fluoranthene	0.002	0.0513	U	0.0513	U	**0.105**	
Bis(2-ethylhexyl)phthalate	5	0.513	U	**28.1**	E	**0.674**	
Chrysene	0.002	0.0513	U	**0.0513**	J	**0.116**	
Indeno(1,2,3-cd)pyrene	0.002	0.0513	U	0.0513	U	**0.0737**	
Naphthalene	10	**40.3**		**0.0923**		0.0526	U

4.3 PCBs and PESTICIDES

No PCBs or pesticides have been detected in the groundwater in the pre-remediation event sampling event conducted by the EPA in May 2013 or in the two post-excavation sampling events completed in November2015 or June 2017.

4.4 METALS

Cadmium and Lead are listed as COCs for the Site. Cadmium has not been detected at or above the method detection limits in the on-site wells in three consecutive groundwater sampling events.

The concentration of lead reported in the sampling events is included below. The lead is compared to the CLASS GA groundwater standard of 25 µg/l with concentrations in excess of the standard in BOLD. Concentrations marked with a "B" flag were identified at trace concentrations (< 1 mg/l) in the analytical blank.

LEAD: AWQS GA =25			
WELL	**28-May-13**	**10-Nov-15**	**13-June-17**
MW-01	1.6	8	U
MW-02	U	U	**33**
MW-03	4.6	5	9 B
MW-04	5.1	**47**	5 B
MW-05	1.2	4	U
MW-06	**70**	17	**29** B
MW-07	3.2	15	U
MW-08	12	**45**	**43 B**
MW-09	U	U	U
MW-10	9.2	U	U
Total	106	141	119
HITS	8	7	5
Average	13.4	20.1	23.8

The reported site-wide total quantity of lead (simple summation of concentrations) increased after the remedial action was completed and has subsequently declined. This suggests that some additional dissolved lead may have been mobilized by the disturbance and is still greater than the pre-remediation results.

The number of wells (hits) where lead was detected decreased in both post-remedial action sampling events however, the average concentration in wells where lead was detected has increased in both post remediation events.

Wells MW-04, MW-05, MW-07, and MW-08 are closest to the area where excavation activities were conducted during remediation. The data indicates that these four wells experienced an increase in concentration in the first post-excavation event which subsequently declined or remained the same. The concentrations in MW-04, MW-05, and MW-07 are below the applicable standards and should remain so in the future. MW-08 which is the most downgradient of the wells located nearest the disturbance remains elevated but may also decline as the dissolved lead attenuates over time.

The increase in lead reported in MW-02 cannot be explained at this time. MW-02 is sufficiently up gradient of the remedial action disturbance that impact from the disturbance is considered unlikely. There is no other currently known mechanism that accounts for the increase. More data over time is needed to assess the situation

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, and the overall groundwater quality with respect to site related compounds of concern has remained similar or has improved since the remedy was completed.

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

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

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

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

Either way, the lack of detection of BTEX downgradient from MW-01 or MW-09 suggests that the standards will be achieved site-wide for BTEX a when they are achieved at these wells.

The fact that MTBE is not observed in MW-01 or MW-09, and at only trace concentrations in all downgradient wells except MW-03 and MW-7 suggests that the MTBE plume from the Spill near MW-01 differentiated and moved downgradient toward the south east and is now isolated in a pocket south of the remedial excavation. The MTBE is at or close to the applicable standard with no evidence of a sustain source in the area and should reduce slowly over time to eventually achieve standard.

The increase in lead the concentrations reported in the groundwater in the first post-remedial action event was considered to be most likely the result of the disturbances caused by the active remediation. The declining concentrations (except for the unexplained increase at MW-02) observed since that time support that conclusion. It is expected that the site-wide lead concentration will continue to decline. More data is necessary to establish a definitive trend

The existing ICs for the site prohibit the use of on-site groundwater as potable water. Additionally, discharge of groundwater and the immediately downgradient receptor is to 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 the improving conditions is warranted and sufficient.

5.2 RECCOMENDATIONS

A number of suggested changes to the site wide monitoring program were included in the PRR for the November 2015 sampling event. However, these were not approved by NYSDEC nor acted on as only one sampling event was available for evaluation. The results of the second sampling event support the conclusion that changes to the SMP are warranted. The following recommendations and rationale for changes in the site-wide sampling program are provided for consideration.

1. Remove analysis for PCBs, Pesticides, and Semivolatile Organic Compounds from the monitoring requirements for the Site.
    a. No PCBs have been detected in three consecutive sampling rounds and the MDLs for PCB analysis in all three rounds have been less than the applicable AWQS;
    b. No EPA TCL Pesticides have been detected in the groundwater for three consecutive sampling events and the MDLs have been less than the applicable AWQS;
    c. Except for Naphthalene associated with the BTEX in MW-01, only ultra-trace concentrations of SVOCs have been reported in the groundwater and no known source area identified.

2. Remove TAL analyses and replace with totals and dissolved lead.
    a. Although several metals were reported at elevated concentrations, Lead is the only identified site related COC reported in the groundwater. The changes in lead concentration in a few wells warrants continued sampling and analysis for lead. However, there is no reason to suspect that any other metals observed in the groundwater are related to historical site activities. Only continued assessment of lead is necessary for evaluation of the remedy.

3. Remove MW-06 from the sampling schedule;
    a. MW-06 does not behave like the other on-site wells and is believed to be heavily influenced by the tides consequently it may not be truly representative of groundwater conditions on-site.

4. Change PRR frequency from one year to three years.
    a. The annual frequency of the PRR for the first five years after implementation of a remedy partly assumes that there is sufficient information being generated to warrant an evaluation.
    b. The results of two consecutive sampling events suggests that the site conditions are relatively stable and probably declining with no significant impacts or threat to human health or the environment.

c. No residual source remains on-site to cause further degradation of groundwater quality.

d. Site conditions are not expected to rapidly change significantly.

e. The site inspection can be continued and reported with to the periodic sampling reports with evaluation of the remedy once the data set is large enough to assess meaningful trends.

5. 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.

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

FIGURES

Google earth

miles 2
km 4

THE Chazen COMPANIES®

FIGURE 1
SITE LOCATION MAP

Former Consolidated Iron Site
Washington Street
Newburgh, NY

SOUTH WATER STREET

RAILROAD TRACKS

CONC. MONUMENT FOUND

SEE MAP REFERENCE #3 FOR DISTANCE

WASHINGTON STREET (60' WIDE)

BENCHMARK XCUT EB HYD ELEV.=17.35

BENCHMARK RR SPIKE 24"COTTONWOOD ELEV.=8.15

POINT OF BEGINNING

IRON ROD SET

S85°13'06"E 817.61'

327.00'

405.43'

78.43'

IRON ROD SET ON LINE

IRON ROD FOUND SOUTH 0.7'

N17°26'54"E 722.73'

PROPERTY CORNER WITHIN 8" SPRUCE

UP NYT #10

CONCRETE

GRAVEL

CHAIN LINK FENCE

OHW

SWALE

EDGE PAVEMENT

24" CMP FLOW

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

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

18" BOX CUL

15" CIP (ORIGIN UNKNOWN) INVERT =-14.68

INVERT =-1.94

PIPE RAIL FENCE

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

LIMITS OF CHAZEN NOV. 2015 TOPO

FLOOD LINE "FLOOD ZONE AE" (EL7)

WATERS EDGE

RIP RAP

MW#01 TOP PVC:18.01

MW#02 TOP PVC:13.99

MW#03 TOP PVC:13.26

MW#04 TOP PVC:11.74

MW#05 TOP PVC:11.52

MW#06 TOP PVC:10.50

MW#07 TOP PVC:10.76

MW#08 TOP PVC:10.85

MW#09 TOP PVC:15.69

MW#10 TOP PVC:11.13

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

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

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

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

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

APPROX. WATER GRANT LINE

APPROX. WATER GRANT LINE

"OTHER AREAS ZONE X"

"OTHER FLOOD AREAS ZONE X"

"FLOOD ZONE AE"

HUDSON RIVER

NYS PLANE EAST ZONE

S71°07'35"W 820.77'TIE COURSE

DISTANCE ALONG SHORELINE APPROX. 1023'

N84°24'02"W 297.92'

340.29'

42.37'

SOUTH WILLIAM STREET (50' WIDE)

N07°25'24"E

LIMITS OF CHAZEN NOV. 2015 TOPO

IRON ROD SET

IRON ROD SET ON LINE

#88305

#47395

#47380

UP CHGE

UP CPF # 23452 & TEL PEDISTAL

GATE

CRF

UP

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

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

24" & 72" CIP FLOW

24" CIP INVERT =-1.6

75" CIP INVERT =-5.1

FLOW

R:11.1

R:7.3

LEGEND:

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

MAP REFERENCES:

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

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

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

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

FLOOD ZONE NOTE:

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

NOTES:

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

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

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

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

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

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

DEED REFERENCE:

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

TAX PARCEL NUMBER:

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

AREA:

8.33 ACRES

CERTIFICATIONS:

TO:
CITY OF NEWBURGH

DRAFT

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

FORMER CONSOLIDATED IRON AND METAL CO. FACILITY

MAP OF TOPOGRAPHIC SURVEY PREPARED FOR CITY OF NEWBURGH

CITY OF NEWBURGH, ORANGE COUNTY, NEW YORK

rev.	date	description

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

Office Locations:

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

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

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

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

STEVEN J ALEX, L.S. #50016

6155

Drawing Name: X:\AS1520--41549\41548.00 Newburgh Consolidated Iron site\SVY\Dwg\06_SVY_41548-00_TOPO.dwg
Last Saved By: JSchmitt
Date Printed: Dec 08, 2015, 11:36am

SOUTH WATER STREET

RAILROAD TRACKS

CONC. MONUMENT FOUND

SEE MAP REFERENCE #3 FOR DISTANCE

BENCHMARK XCUT EB HYD ELEV.=17.35

WASHINGTON STREET (60' WIDE)

POINT OF BEGINNING

IRON ROD SET

S85°13'06"E 817.61'

N17°26'54"E 222.73'

BENCHMARK RR SPIKE 24"COTTONWOOD ELEV.=8.15

IRON ROD SET ON LINE

S71°07'35"W 820.77'TIE COURSE

N87°25'24"E

N84°24'02"W 291.92'

S85°13'06"E 327.00'

78.43'

405.43'

42.37'

340.29'

APPROX. WATER GRANT LINE

DISTANCE ALONG SHORELINE APPROX. 1023'

SOUTH WILLIAM STREET (50' WIDE)

HUDSON RIVER

NYS PLANE EAST ZONE

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

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

"OTHER AREAS ZONE X"

"OTHER FLOOD AREAS ZONE X"

"FLOOD ZONE AE"

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

FLOOD LINE "FLOOD ZONE AE" (EL7)

LIMITS OF CHAZEN NOV. 2015 TOPO

WATERS EDGE

RIP RAP

Well ID	MW-01
Date Sampled	6/13/17
MP (AMSL)	18.01
GS (AMSL)	15.00
SU (AMSL)	3.01
DTW (ft)	14.40
WT (AMSL)	3.61

Well ID	MW-02
Date Sampled	6/13/17
MP (AMSL)	13.99
GS (AMSL)	11.17
SU (AMSL)	2.82
DTW (ft)	12.77
WT (AMSL)	1.22

Well ID	MW-03
Date Sampled	6/13/17
MP (AMSL)	13.26
GS (AMSL)	10.15
SU (AMSL)	3.10
DTW (ft)	12.35
WT (AMSL)	0.91

Well ID	MW-04
Date Sampled	6/13/17
MP (AMSL)	11.74
GS (AMSL)	8.77
SU (AMSL)	2.98
DTW (ft)	11.11
WT (AMSL)	0.63

Well ID	MW-05
Date Sampled	6/13/17
MP (AMSL)	11.52
GS (AMSL)	8.45
SU (AMSL)	3.07
DTW (ft)	10.72
WT (AMSL)	0.80

Well ID	MW-06
Date Sampled	6/13/17
MP (AMSL)	10.50
GS (AMSL)	7.84
SU (AMSL)	2.66
DTW (ft)	10.24
WT (AMSL)	0.26

Well ID	MW-07
Date Sampled	6/13/17
MP (AMSL)	10.76
GS (AMSL)	7.99
SU (AMSL)	2.77
DTW (ft)	9.97
WT (AMSL)	0.79

Well ID	MW-08
Date Sampled	6/13/17
MP (AMSL)	10.85
GS (AMSL)	8.14
SU (AMSL)	2.71
DTW (ft)	10.19
WT (AMSL)	0.66

Well ID	MW-09
Date Sampled	6/13/17
MP (AMSL)	15.69
GS (AMSL)	12.35
SU (AMSL)	3.34
DTW (ft)	13.45
WT (AMSL)	2.24

Well ID	MW-10
Date Sampled	6/13/17
MP (AMSL)	11.13
GS (AMSL)	8.47
SU (AMSL)	2.66
DTW (ft)	10.52
WT (AMSL)	0.61

Water Table
June 13, 2017

Well ID	MP (AMSL)	GS (AMSL)	SU (AMSL)	DTW (ft)	WT (AMSL)
MW-01	18.01	15.00	3.01	14.40	3.61
MW-02	13.99	11.17	2.82	12.77	1.22
MW-03	13.26	10.15	3.10	12.35	0.91
MW-04	11.74	8.77	2.98	11.11	0.63
MW-05	11.52	8.45	3.07	10.72	0.80
MW-06	10.50	7.84	2.66	10.24	0.26
MW-07	10.76	7.99	2.77	9.97	0.79
MW-08	10.85	8.14	2.71	10.19	0.66
MW-09	15.69	12.35	3.34	13.45	2.24
MW-10	11.13	8.47	2.66	10.52	0.61

LEGEND:

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

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

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

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

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

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

FLOOD ZONE NOTE:

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

NOTES:

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

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

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

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

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

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

DEED REFERENCE:

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

TAX PARCEL NUMBER:

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

AREA:

8.33 ACRES

CERTIFICATIONS:

TO:
CITY OF NEWBURGH

DRAFT

drawn: C.JS | checked: S.JA
date: 12/02/15 | scale: 1"=30'
project no. 41548.00
sheet no. SV1 1 OF 1

FORMER CONSOLIDATED IRON AND METAL CO. FACILITY

FIGURE 3
GROUNDWATER CONTOUR MAP JUNE 2017

CITY OF NEWBURGH

CITY OF NEWBURGH, ORANGE COUNTY, NEW YORK

rev.	date	description

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

Office Locations:

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

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

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

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

STEVEN J ALEX, L.S. #50016

6155

TABLES

Table 1: Laboratory Analytical Results for VOCS

Sample ID			CIM-MW-09		CIM-MW-03		CIM-MW-07		CIM-MW-08		CIM-MW-04		CIM-MW-05		CIM-MW-06		CIM-MW-10		CIM-MW-02		CIM-MW-01		CIM-MW-FD		CIM-MW-EB		Trip Blank	
York ID			17F0627-01		17F0627-02		17F0627-03		17F0627-04		17F0627-05		17F0627-06		17F0627-07		17F0627-08		17F0627-09		17F0627-10		17F0627-11		17F0627-12		17F0627-13	
Sampling Date		AWQS	/13/2017 1:05:00 PM		/13/2017 2:04:00 PM		/13/2017 3:04:00 PM		14/2017 10:27:00 AM		14/2017 11:13:00 AM		14/2017 12:21:00 PM		14/2017 1:10:00 PM		/14/2017 2:03:00 PM		/14/2017 2:55:00 PM		/14/2017 3:44:00 PM		14/2017 12:00:00 AM		/14/2017 4:35:00 PM		6/14/2017 4:35:00 PM	
Client Matrix			Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Compound	**CAS Number**		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
Volatile Organics, 8260 - TCL/SOM (low level)		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	
Dilution Factor			1		1		1		1		1		1		1		1		1		25		25		1		1	
1,1,1-Trichloroethane	71-55-6	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
1,1,2,2-Tetrachloroethane	79-34-5	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
1,1,2-Trichloroethane	79-00-5	1	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	**5**	U	**5**	U	0.200	U	0.200	U
1,1-Dichloroethane	75-34-3	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
1,1-Dichloroethylene	75-35-4	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
1,2,3-Trichlorobenzene	87-61-6	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
1,2,4-Trichlorobenzene	120-82-1	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**5**	U	**5**	U	**0.200**	U	**0.200**	U
1,2-Dibromoethane	106-93-4	0.0006	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**5**	U	**5**	U	**0.200**	U	**0.200**	U
1,2-Dichlorobenzene	95-50-1	3	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	**5**	U	**5**	U	0.200	U	0.200	U
1,2-Dichloroethane	107-06-2	0.6	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	**5**	U	**5**	U	0.200	U	0.200	U
1,2-Dichloropropane	78-87-5	1	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	**5**	U	**5**	U	0.200	U	0.200	U
1,3-Dichlorobenzene	541-73-1	3	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	**5**	U	**5**	U	0.200	U	0.200	U
1,4-Dichlorobenzene	106-46-7	3	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	**5**	U	**5**	U	0.200	U	0.200	U
2-Butanone	78-93-3	50	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.340	J	5	U	5	U	1.100		1.500	
2-Hexanone	591-78-6	50	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
4-Methyl-2-pentanone	108-10-1	~	0.480	JB	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
Acetone	67-64-1	50	1	U	1.500	JB	4.200	B	1.200	JB	1.200	JB	1.700	JB	1.200	JB	1	U	6.200		25	U	25	U	3.500		4.800	
Benzene	71-43-2	1	0.710		0.200	U	0.410	J	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	**17**	D	**16**	D	0.200	U	0.200	U
Bromochloromethane	74-97-5	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
Bromodichloromethane	75-27-4	50	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
Bromoform	75-25-2	50	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
Bromomethane	74-83-9	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
Carbon disulfide	75-15-0	~	0.450	J	2.900		0.200	U	0.200	U	0.200	U	0.650		0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
Carbon tetrachloride	56-23-5	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
Chlorobenzene	108-90-7	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
Chloroethane	75-00-3	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
Chloroform	67-66-3	7	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
Chloromethane	74-87-3	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
cis-1,2-Dichloroethylene	156-59-2	5	0.480	J	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
cis-1,3-Dichloropropylene	10061-01-5	0.4	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	**5**	U	**5**	U	0.200	U	0.200	U
Cyclohexane	110-82-7	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
Dibromochloromethane	124-48-1	50	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
Dichlorodifluoromethane	75-71-8	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
Ethyl Benzene	100-41-4	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	**210**	D	**200**	D	0.200	U	0.200	U
Isopropylbenzene	98-82-8	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	**41**	D	**41**	D	0.200	U	0.200	U
Methyl acetate	79-20-9	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
Methyl tert-butyl ether (MTBE)	1634-04-4	10	0.200	U	8.200		6.900		1.200		2.200		4.100		0.580		2.100		0.830		5	U	5	U	0.200	U	0.200	U
Methylcyclohexane	108-87-2	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	18	D	18	D	0.200	U	0.200	U
Methylene chloride	75-09-2	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	**25**	U	**25**	U	1.100	J	1	U
o-Xylene	95-47-6	5	0.200	U	0.200	U	0.580		0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
p- & m- Xylenes	179601-23-1	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	**12**	U	**12**	U	0.500	U	0.500	U
Styrene	100-42-5	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
Tetrachloroethylene	127-18-4	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
Toluene	108-88-3	5	0.200	U	0.200	U	0.330	J	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.400	J	5	U	5	U	0.200	U	0.200	U
trans-1,2-Dichloroethylene	156-60-5	5	0.510		0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
trans-1,3-Dichloropropylene	10061-02-6	0.4	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	**5**	U	**5**	U	0.200	U	0.200	U
Trichloroethylene	79-01-6	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
Trichlorofluoromethane	75-69-4	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	5	U	5	U	0.200	U	0.200	U
Vinyl Chloride	75-01-4	2	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	**5**	U	**5**	U	0.200	U	0.200	U
Xylenes, Total	1330-20-7	5	0.600	U	0.600	U	0.870	J	0.600	U	0.600	U	0.600	U	0.600	U	0.600	U	0.600	U	**15**	U	**15**	U	0.600	U	0.600	U

Table 2: L:aboratory Analytical Results for SVOCs

Sample ID			CIM-MW-09		CIM-MW-03		CIM-MW-07		CIM-MW-08		CIM-MW-04		CIM-MW-05		CIM-MW-06		CIM-MW-10		CIM-MW-02		CIM-MW-01		CIM-MW-FD		CIM-MW-EB		Trip Blank	
York ID			17F0627-01		17F0627-02		17F0627-03		17F0627-04		17F0627-05		17F0627-06		17F0627-07		17F0627-08		17F0627-09		17F0627-10		17F0627-11		17F0627-12		17F0627-13	
Sampling Date		AWQS	/13/2017 1:05:00 PM		/13/2017 2:04:00 PM		/13/2017 3:04:00 PM		14/2017 10:27:00 AM		14/2017 11:13:00 AM		14/2017 12:21:00 PM		/14/2017 1:10:00 PM		/14/2017 2:03:00 PM		/14/2017 2:55:00 PM		/14/2017 3:44:00 PM		14/2017 12:00:00 AM		/14/2017 4:35:00 PM		6/14/2017 4:35:00 PM	
Client Matrix			Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Compound	**CAS Number**		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
Semi-Volatiles, EPA TCL List		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L			
Dilution Factor			1		1		1		1		1		1		1		1		1		1		1		1			
1,2,4-Trichlorobenzene	120-82-1	5	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
1,2-Dichlorobenzene	95-50-1	3	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
1,3-Dichlorobenzene	541-73-1	3	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
1,4-Dichlorobenzene	106-46-7	3	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
2,4,5-Trichlorophenol	95-95-4	1	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
2,4,6-Trichlorophenol	88-06-2	1	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
2,4-Dichlorophenol	120-83-2	5	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
2,4-Dimethylphenol	105-67-9	50	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
2,4-Dinitrophenol	51-28-5	10	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
2,4-Dinitrotoluene	121-14-2	5	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
2,6-Dinitrotoluene	606-20-2	5	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
2-Chloronaphthalene	91-58-7	10	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
2-Chlorophenol	95-57-8	1	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
2-Methylnaphthalene	91-57-6	~	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	4.840	J	2.560	J	2.560	U	NT	
2-Methylphenol	95-48-7	1	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
2-Nitroaniline	88-74-4	5	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
2-Nitrophenol	88-75-5	1	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
3- & 4-Methylphenols	65794-96-9	~	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
3,3-Dichlorobenzidine	91-94-1	5	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
3-Nitroaniline	99-09-2	5	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
4,6-Dinitro-2-methylphenol	534-52-1	~	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
4-Bromophenyl phenyl ether	101-55-3	~	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
4-Chloro-3-methylphenol	59-50-7	1	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
4-Chloroaniline	106-47-8	5	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
4-Chlorophenyl phenyl ether	7005-72-3	~	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
4-Nitroaniline	100-01-6	5	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
4-Nitrophenol	100-02-7	1	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
Acenaphthene	83-32-9	20	0.0513	U	**0.695**		**1.080**		**0.189**		0.0526	U	**0.811**		0.0526	U	**0.174**		0.0513	U	**0.164**		**0.123**		0.0513	U	NT	
Acenaphthylene	208-96-8	~	0.0513	U	**0.0526**	J	**0.0718**		0.0526	U	0.0526	U	**0.105**		0.0526	U	0.0513	U	0.0513	U	**0.0718**		**0.0513**	J	0.0513	U	NT	
Anthracene	120-12-7	50	0.0513	U	**0.116**		**0.267**		**0.0632**		0.0526	U	**0.116**		0.0526	U	0.0513	U	0.0513	U	**0.0615**		0.0513	U	0.0513	U	NT	
Benzo(a)anthracene	56-55-3	0.002	0.0513	U	0.0526	U	0.0513	U	**0.126**		0.0526	U	0.0526	U	0.0526	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U	NT	
Benzo(a)pyrene	50-32-8	0.002	0.0513	U	0.0526	U	0.0513	U	**0.126**		0.0526	U	0.0526	U	0.0526	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U	NT	
Benzo(b)fluoranthene	205-99-2	0.002	0.0513	U	0.0526	U	0.0513	U	**0.0842**		0.0526	U	0.0526	U	0.0526	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U	NT	
Benzo(g,h,i)perylene	191-24-2	~	0.0513	U	0.0526	U	0.0513	U	**0.0842**		0.0526	U	0.0526	U	0.0526	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U	NT	
Benzo(k)fluoranthene	207-08-9	0.002	0.0513	U	0.0526	U	0.0513	U	**0.105**		0.0526	U	0.0526	U	0.0526	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U	NT	
Benzoic acid	65-85-0	~	25.600	U	26.300	U	25.600	U	26.300	U	26.300	U	26.300	U	26.300	U	25.600	U	25.600	U	25.600	U	25.600	U	25.600	U	NT	
Benzyl alcohol	100-51-6	~	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
Benzyl butyl phthalate	85-68-7	50	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
Bis(2-chloroethoxy)methane	111-91-1	5	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
Bis(2-chloroethyl)ether	111-44-4	1	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
Bis(2-chloroisopropyl)ether	108-60-1	5	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
Bis(2-ethylhexyl)phthalate	117-81-7	5	0.513	U	0.526	U	**28.100**		**0.674**		0.526	U	0.526	U	**0.968**		0.513	U	0.513	U	0.513	U	0.513	U	0.513	U	NT	
Chrysene	218-01-9	0.002	0.0513	U	0.0526	U	**0.0513**	J	**0.116**		0.0526	U	0.0526	U	0.0526	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U	NT	
Dibenzo(a,h)anthracene	53-70-3	~	0.0513	U	0.0526	U	0.0513	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U	NT	
Dibenzofuran	132-64-9	~	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
Diethyl phthalate	84-66-2	50	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
Dimethyl phthalate	131-11-3	50	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
Di-n-butyl phthalate	84-74-2	50	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
Di-n-octyl phthalate	117-84-0	50	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
Fluoranthene	206-44-0	50	0.0513	U	**0.337**		**0.667**		**0.326**		0.0526	U	**0.853**		0.0526	U	0.0513	U	0.0513	U	**0.0923**		**0.0923**		0.0513	U	NT	
Fluorene	86-73-7	50	0.0513	U	**0.337**		**0.595**		**0.0526**	J	0.0526	U	**0.779**		0.0526	U	0.0513	U	0.0513	U	**0.154**		**0.123**		0.0513	U	NT	
Hexachlorobenzene	118-74-1	0.04	0.0205	U	0.0211	U	0.0205	U	0.0211	U	0.0211	U	0.0211	U	0.0211	U	0.0205	U	0.0205	U	0.0205	U	0.0205	U	0.0205	U	NT	
Hexachlorobutadiene	87-68-3	0.5	0.513	U	0.526	U	0.513	U	0.526	U	0.526	U	0.526	U	0.526	U	0.513	U	0.513	U	0.513	U	0.513	U	0.513	U	NT	
Hexachlorocyclopentadiene	77-47-4	5	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
Hexachloroethane	67-72-1	5	0.513	U	0.526	U	0.513	U	0.526	U	0.526	U	0.526	U	0.526	U	0.513	U	0.513	U	0.513	U	0.513	U	0.513	U	NT	
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	0.0513	U	0.0526	U	0.0513	U	**0.0737**		0.0526	U	0.0526	U	0.0526	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U	NT	
Isophorone	78-59-1	50	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
Naphthalene	91-20-3	10	0.0513	U	0.0526	U	**0.0923**		0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0513	U	0.0513	U	**40.300**		**25.500**		0.0513	U	NT	
Nitrobenzene	98-95-3	0.4	0.256	U	0.263	U	0.256	U	0.263	U	0.263	U	0.263	U	0.263	U	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	NT	
N-nitroso-di-n-propylamine	621-64-7	~	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
N-Nitrosodiphenylamine	86-30-6	50	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
Pentachlorophenol	87-86-5	1	0.256	U	0.263	U	0.256	U	0.263	U	0.263	U	0.263	U	0.263	U	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	NT	
Phenanthrene	85-01-8	50	0.0513	U	**0.442**		**1.670**		**0.168**		0.0526	U	**0.632**		0.0526	U	**0.144**		0.0513	U	**0.154**		**0.113**		0.0513	U	NT	
Phenol	108-95-2	1	2.560	U	2.630	U	2.560	U	2.630	U	2.630	U	2.630	U	2.630	U	2.560	U	2.560	U	2.560	U	2.560	U	2.560	U	NT	
Pyrene	129-00-0	50	0.0513	U	0.253		**0.513**		**0.253**		0.0526	U	**0.916**		0.0526	U	0.0513	U	0.0513	U	**0.0821**		**0.0821**		0.0513	U	NT	

Table 3 Laboratory analyitcal Results for TAL Metals

Sample ID			CIM-MW-09		CIM-MW-03		CIM-MW-07		CIM-MW-08		CIM-MW-04		CIM-MW-05		CIM-MW-06		CIM-MW-10		CIM-MW-02		CIM-MW-01		CIM-MW-FD		CIM-MW-EB		Trip Blank	
York ID			17F0627-01		17F0627-02		17F0627-03		17F0627-04		17F0627-05		17F0627-06		17F0627-07		17F0627-08		17F0627-09		17F0627-10		17F0627-11		17F0627-12		17F0627-13	
Sampling Date		AWQS	/13/2017 1:05:00 PM		/13/2017 2:04:00 PM		/13/2017 3:04:00 PM		14/2017 10:27:00 AM		14/2017 11:13:00 AM		14/2017 12:21:00 PM		/14/2017 1:10:00 PM		/14/2017 2:03:00 PM		/14/2017 2:55:00 PM		/14/2017 3:44:00 PM		14/2017 12:00:00 AM		/14/2017 4:35:00 PM		6/14/2017 4:35:00 PM	
Client Matrix			Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Compound	**CAS Number**		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
Metals, Target Analyte		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L			
Dilution Factor			1		1		1		1		1		1		1		1		1		1		1		1			
Aluminum	7429-90-5	~	56	U	56	U	56	U	107		115		56	U	56	U	56	U	56	U	56	U	56	U	56	U	NT	
Antimony	7440-36-0	3	**6**	U	**6**	U	**6**	U	**6**	U	**6**	U	**6**	U	**6**	U	**6**	U	**6**	U	**7**	B	**6**	U	**6**	U	NT	
Arsenic	7440-38-2	25	6		18		8		8		9		4	U	4	U	7		**33**		4	U	4	U	4	U	NT	
Barium	7440-39-3	1000	79		586		445		204		202		168		229		188		280		139		141		11	U	NT	
Beryllium	7440-41-7	3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	NT	
Cadmium	7440-43-9	5	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	NT	
Calcium	7440-70-2	~	131,000		83,900		87,800		120,000		54,700		109,000		97,500		92,900		140,000		163,000		165,000		204		NT	
Chromium	7440-47-3	50	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	NT	
Cobalt	7440-48-4	~	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	NT	
Copper	7440-50-8	200	5		5		3	U	5		6		5		8		3	U	3		4		4		3	U	NT	
Iron	7439-89-6	~	1,020		27,000		11,400		5,940		8,660		10,800		666		16,100		34,200		5,650		5,610		22	U	NT	
Lead	7439-92-1	25	3	U	9	B	3	U	**43**	B	5	B	3	U	**29**	B	3	U	3	U	3	U	3	U	3	U	NT	
Magnesium	7439-95-4	35000	20,700		**49,800**		21,100		24,300		**41,200**		**37,300**		35,000		25,400		**36,400**		24,800		25,000		56	U	NT	
Manganese	7439-96-5	300	**616**		276		**653**		**789**		215		**381**		229		**871**		**2,330**		**3,730**		**3,770**		7		NT	
Nickel	7440-02-0	100	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	NT	
Potassium	7440-09-7	~	3,440		11,800		5,150		6,320		14,400		10,300		3,600		9,900		5,000		4,250		4,310		56	U	NT	
Selenium	7782-49-2	10	**11**	U	**11**	U	**11**	U	**11**	U	**11**	U	**11**	U	**11**	U	**11**	U	**11**	U	**11**	U	**11**	U	**11**	U	NT	
Silver	7440-22-4	50	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	NT	
Sodium	7440-23-5	20000	**99,000**	B	**46,500**	B	**39,300**	B	**40,500**	B	**49,500**	B	**56,300**	B	**36,200**	B	**69,400**	B	**52,100**	B	**233,000**	B	**238,000**	B	350	B	NT	
Thallium	7440-28-0	~	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	NT	
Vanadium	7440-62-2	~	11	U	11	U	11	U	11	U	11	U	11	U	11	U	11	U	11	U	11	U	11	U	11	U	NT	
Zinc	7440-66-6	2000	17	B	20	B	16	B	88	B	21	B	20	B	47	B	11	U	12	B	16	B	14	B	24	B	NT	
Mercury by 7470/7471		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L			
Dilution Factor			1		1		1		1		1		1		1		1		1		1		1		1			
Mercury	7439-97-6	0.7	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	NT	

TABLE 4 (a): Laboratory Analytical Results for PCBs

Sample ID			CIM-MW-09		CIM-MW-03		CIM-MW-07		CIM-MW-08		CIM-MW-04		CIM-MW-05		CIM-MW-06		CIM-MW-10		CIM-MW-02		CIM-MW-01		CIM-MW-FD		CIM-MW-EB		Trip Blank	
York ID			17F0627-01		17F0627-02		17F0627-03		17F0627-04		17F0627-05		17F0627-06		17F0627-07		17F0627-08		17F0627-09		17F0627-10		17F0627-11		17F0627-12		17F0627-13	
Sampling Date		AWQS	/13/2017 1:05:00 PM		/13/2017 2:04:00 PM		/13/2017 3:04:00 PM		14/2017 10:27:00 AM		14/2017 11:13:00 AM		14/2017 12:21:00 PM		/14/2017 1:10:00 PM		/14/2017 2:03:00 PM		/14/2017 2:55:00 PM		/14/2017 3:44:00 PM		14/2017 12:00:00 AM		/14/2017 4:35:00 PM		6/14/2017 4:35:00 PM	
Client Matrix			Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Compound	**CAS Number**		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
Polychlorinated Biphenyls (PCB)		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L			
Dilution Factor			1		1		1		1		1		1		1		1		1		1		1		1			
Aroclor 1016	12674-11-2	~	0.0513	U	0.0513	U	0.0513	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0500	U	NT	
Aroclor 1221	11104-28-2	~	0.0513	U	0.0513	U	0.0513	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0500	U	NT	
Aroclor 1232	11141-16-5	~	0.0513	U	0.0513	U	0.0513	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0500	U	NT	
Aroclor 1242	53469-21-9	~	0.0513	U	0.0513	U	0.0513	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0500	U	NT	
Aroclor 1248	12672-29-6	~	0.0513	U	0.0513	U	0.0513	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0500	U	NT	
Aroclor 1254	11097-69-1	~	0.0513	U	0.0513	U	0.0513	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0500	U	NT	
Aroclor 1260	11096-82-5	~	0.0513	U	0.0513	U	0.0513	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0500	U	NT	
Total PCBs	1336-36-3	0.09	0.0513	U	0.0513	U	0.0513	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0526	U	0.0500	U	NT	

Table 4 (b): laboratory Analytical Results for Pesticides

Sample ID			CIM-MW-09		CIM-MW-03		CIM-MW-07		CIM-MW-08		CIM-MW-04		CIM-MW-05		CIM-MW-06		CIM-MW-10		CIM-MW-02		CIM-MW-01		CIM-MW-FD		CIM-MW-EB		Trip Blank	
York ID			17F0627-01		17F0627-02		17F0627-03		17F0627-04		17F0627-05		17F0627-06		17F0627-07		17F0627-08		17F0627-09		17F0627-10		17F0627-11		17F0627-12		17F0627-13	
Sampling Date		AWQS	/13/2017 1:05:00 PM		/13/2017 2:04:00 PM		/13/2017 3:04:00 PM		14/2017 10:27:00 A		14/2017 11:13:00 A		14/2017 12:21:00 P		/14/2017 1:10:00 PM		/14/2017 2:03:00 PM		/14/2017 2:55:00 PM		/14/2017 3:44:00 PM		14/2017 12:00:00 A		/14/2017 4:35:00 PM		6/14/2017 4:35:00 PM	
Client Matrix			Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Compound	**CAS Number**		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
Pesticides, EPA TCL List		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L			
Dilution Factor			1		1		1		1		1		1		1		1		1		1		1		1			
4,4'-DDD	72-54-8	0.3	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00400	U	NT	
4,4'-DDE	72-55-9	0.2	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00400	U	NT	
4,4'-DDT	50-29-3	0.2	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00400	U	NT	
Aldrin	309-00-2	~	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00400	U	NT	
alpha-BHC	319-84-6	0.01	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00400	U	NT	
beta-BHC	319-85-7	0.04	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00400	U	NT	
Chlordane, total	57-74-9	0.05	0.0205	U	0.0205	U	0.0205	U	0.0211	U	0.0211	U	0.0211	U	0.0211	U	0.0211	U	0.0211	U	0.0211	U	0.0211	U	0.0200	U	NT	
delta-BHC	319-86-8	0.04	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00400	U	NT	
Dieldrin	60-57-1	0.004	0.00205	U	0.00205	U	0.00205	U	0.00211	U	0.00211	U	0.00211	U	0.00211	U	0.00211	U	0.00211	U	0.00211	U	0.00211	U	0.00200	U	NT	
Endosulfan I	959-98-8	~	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00400	U	NT	
Endosulfan II	33213-65-9	~	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00400	U	NT	
Endosulfan sulfate	1031-07-8	~	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00400	U	NT	
Endrin	72-20-8	~	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00400	U	NT	
Endrin aldehyde	7421-93-4	5	0.0103	U	0.0103	U	0.0103	U	0.0105	U	0.0105	U	0.0105	U	0.0105	U	0.0105	U	0.0105	U	0.0105	U	0.0105	U	0.0100	U	NT	
Endrin ketone	53494-70-5	5	0.0103	U	0.0103	U	0.0103	U	0.0105	U	0.0105	U	0.0105	U	0.0105	U	0.0105	U	0.0105	U	0.0105	U	0.0105	U	0.0100	U	NT	
gamma-BHC (Lindane)	58-89-9	0.05	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00400	U	NT	
Heptachlor	76-44-8	0.04	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00400	U	NT	
Heptachlor epoxide	1024-57-3	0.03	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00400	U	NT	
Methoxychlor	72-43-5	35	0.00410	U	0.00410	U	0.00410	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00421	U	0.00400	U	NT	
Toxaphene	8001-35-2	0.06	0.103	U	0.103	U	0.103	U	0.105	U	0.105	U	0.105	U	0.105	U	0.105	U	0.105	U	0.105	U	0.105	U	0.100	U	NT	

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

APPENDICIES

Appendix A

EC/C Certification Form

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

Hudson Valley Office
21 Fox St., Poughkeepsie, NY 12601
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www.chazencompanies.com

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

November 8, 2017

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

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

EC/IC Certification

Job # 41548

Dear Mr. Morris;

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

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

- The inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction;
- The institutional control and/or engineering control employed at this site is unchanged from the date the control was put in place, or last approved by the Department;
- Nothing has occurred that would impair the ability of the engineering control to protect the public health and environment;
- The enhanced public access to the site through the addition of the gravel covered trails since the last PRR was complete do not appear to conflict with intent of the environmental easement for the site nor result in a degradation of the effectiveness of the composite cover system for the Site. Such use does not appear to conflict with the SMP for the Site. However, Chazen can offer no opinion on this enhanced access with respect to compliance with any deed restrictions or covenants that may govern such use.

- Nothing has occurred to our knowledge that would constitute a violation or failure to comply with any site management plan for this control;

- Access to the site will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of this control;

- Use of the site is compliant with the environmental easement;

- The engineering control systems are performing as designed and are effective;

- To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program; and,

- The information presented in this report is accurate and complete.

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

Sincerely,

Kevin P. McGrath, CPG

Kevin P. McGrath, PG (AK), CPG
Senior Scientist

Initials/encl. etc.

cc:

Appendix B

Visual Inspection Logs

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

Date: 6-14-17

Inspection Personnel: Will Olsen

Weather Conditions: Sunny, 70-80s

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

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

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

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

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

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

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

Is there evidence that the shoreline stabilization measures have been breached (i.e., areas where shoreline appears to be eroded our unstabile)? 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

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? Yes X No___
If No, please describe the condition

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

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

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

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

Are there any changes to site operations and maintenance requirements for the components of the remedy? Yes____ No X

If Yes, please describe

All future sampling events to be performed using LOW-FLOW sampling techniques until further notice per NYSDEC case manager.

Appendix C

Site Sampling Logs

The Chazen Companies

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID:	CLI-MW-09	Sample Time:	13:05	Sample Matrix *(circle)*:	
Well ID:	MW-09	Sample Date:	6-13-12	*Groundwater*	Soil
Project Name:	Consolidated Iron and Metal	Sample Tech(s):	WGO	Surface Water	Air
Sample Location:	Newburgh, NY	Project and Task #:	41548.00	Drinking Water	Other:
		Project Manager:	KM		

WELL INFORMATION:

Well Condition: GOOD - installed new 1/2" OD/3/8" ID LDPE tubing

Lock Type: MASTER #3303 Key #: #3303

PURGE DATA:

Measuring Point: T.O.PVC

Depth to Bottom: 20.84

Depth to Water: 13.49

Water Column Height: *(A)* 7.35

(depth to bottom - depth to water)

# of Volumes to be Purged: *(C)* 3

Gal. to be Purged: *(AxBxC)* 14.5

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

(B)

Purge Method: Mini-Monsoon Submersible

Start Date:

Start Time:

Stop Time:

Purge Rate (gpm):

Elapsed Time (min):

Well Vol. Purged (#): 2+

Purge Vol. (gal): 15+

Well went dry? No Yes

Conditions: No Odor Odor

Clear Slightly-Turbid Turbid

FIELD RESULTS:

Gal purged gal	Date & Time	Depth to Water ft	Temp deg C	SpCond mS/cm*	Cond. mS/cm	TURB.	TDS g/L		DO mg/L	pH	ORP mV	Color
0	12:35	13.49	15.3	1.444	1.196	TU-bid	0.933(d)	—	0.93	8.25	-34.3	Slight/Clear
5	12:45	14.38	14.8	1.424	1.148	Slight	0.7330	—	1.28	7.53	-0.6	Slight
10	12:55	14.39	15.3	1.435	1.172	Slight	0.7620	—	1.59	7.52	12.0	Slight
15	13:05	14.41	15.2	1.424	1.156	Clear	0.7530	—	2.72	7.59	6.6	Slight

SAMPLE INFORMATION:

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

Sample Type: *Grab* Composite

Weather: Very Hot

Sample Depth:

Barometric Pres.:

Air Temp.(°F): 95

Wind: Slight

Notes: Used bailer to collect VOC sample

LAB REQUESTS:

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

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

The Chazen Companies

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID:	CH-MW-03	Sample Time:	14:04	Sample Matrix *(circle)*:	
Well ID:	MW-03	Sample Date:	6-15-17	*Groundwater*	Soil
Project Name:	Consolidated Iron and Metal	Sample Tech(s):	WGO	Surface Water	Air
Sample Location:	Newburgh, NY	Project and Task #:	41548.00	Drinking Water	Other:
		Project Manager:	KM		

WELL INFORMATION:

Well Condition: GOOD - installed new 1/2" OD/3/8" ID LDPE tubing

Lock Type: Key #:

PURGE DATA:

Measuring Point: T.O.PVC

Depth to Bottom: 19.46'

Depth to Water: 12.35

Water Column Height: *(A)* 7.11

(depth to bottom - depth to water)

# of Volumes to be Purged: *(C)* 3

Gal. to be Purged: *(AxBxC)* 13.9

(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: Mini-Monsoon Submersible

Start Date:

Start Time:

Stop Time:

Purge Rate (gpm):

Elapsed Time (min):

Well Vol. Purged (#): 3+

Purge Vol. (gal): 15+

Well went dry? No Yes

Conditions: No Odor Odor

Clear Slightly-Turbid Turbid

FIELD RESULTS:

Gal purged gal	Date & Time	Depth to Water ft	Temp deg C	SpCond mS/cm	Cond. mS/cm	Turb.	TDS g/L		DO mg/L	pH	ORP mV	Odor
0	13:34	12.35	14.6	1.414	1.123	Turbid	0.7100	-	7.52	?	?	None
5	13:44	15.90	13.1	1.207	0.934	Slight	0.7800	-	4.50	?	?	None
10	13:54	15.70	13.4	1.177	0.912	Clear	0.7670	-	3.83	7.12	-49.4	None
15	14:04	15.71	13.5	1.178	0.914	Clear	0.7605	-	3.67	7.03	-58.2	None

SAMPLE INFORMATION:

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

Sample Type: *Grab* Composite

Weather: Very Hot

Sample Depth:

Barometric Pres.:

Air Temp.(°F): 95

Wind: Slight

Notes: Used bailer to collect VOC sample

LAB REQUESTS:

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

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

NYSDEC on site @ 13:30

The Chazen Companies

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID:	CIM-MW-07	Sample Time:	15:04	Sample Matrix *(circle)*:	
Well ID:	MW-07	Sample Date:	6-13-17	***Groundwater***	Soil
Project Name:	Consolidated Iron and Metal	Sample Tech(s):	WGO	Surface Water	Air
Sample Location:	Newburgh, NY	Project and Task #:	41548.00	Drinking Water	Other:
		Project Manager:	KM		

WELL INFORMATION:

Well Condition: Good

Lock Type: _____ Key #: _____

PURGE DATA:

Measuring Point: TOPVC

Depth to Bottom: 18.44

Depth to Water: 9.97

Water Column Height: *(A)* 8.47

(depth to bottom - depth to water)

# of Volumes to be Purged: *(C)* 3

Gal. to be Purged: *(AxBxC)* 16.5

(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: Mini-Monsoon Submersible

Start Date: _____

Start Time: _____

Stop Time: _____

Purge Rate (gpm): _____

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 mS/cm	Cond. mS/cm	Turb.	TDS g/L		DO mg/L	pH	ORP mV	Odor
0	14:52	9.97	12.4	0.871	0.660	Sl. Turb	0.5855	—	6.72	6.91	-101.6	Sl. Odor
5.5	14:57	12.52	11.5	0.972	0.721	Clear	0.6305	—	4.97	7.06	-86.5	Sl. Odor
11.0	15:00	12.58	11.5	1.018	0.755	Clear	0.6630	—	4.45	7.08	-79.4	Sl. Odor
16.5	15:04	11.53	11.5	1.022	0.761	Clear	0.650	—	2.75	7.06	-79.9	Sl. Odor

SAMPLE INFORMATION:

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

Sample Type: ***Grab*** Composite

Weather: _____

Sample Depth: _____

Barometric Pres.: _____

Air Temp.(°F): _____

Wind: _____

Notes: _____

LAB REQUESTS:

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

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

14:40 - Discussion w/ NYSDEC - sampling method to switch back to low-flow for tomorrow. Wells sampled by mini-monsoon/bailer OK for today.

The Chazen Companies

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID: CM-MW-08
Well ID: MW-08
Project Name: Consolidated Iron and Metal
Sample Location: Newburgh, NY

Sample Time: 10:27
Sample Date: 6-14-17
Sample Tech(s): WGO
Project and Task #: 41548.00
Project Manager: KM

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

WELL INFORMATION:

Well Condition: GOOD
Lock Type: MASTER Key #: 3303

PURGE DATA:

Measuring Point: T.O.PVC *(B)*
Depth to Bottom: 18.00
Depth to Water: 10.19
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 ~~Mini-Monsoon Submersible~~
Start Date:
Start Time:
Stop Time:
Purge Rate (gpm):
Elapsed Time (min):
Well Vol. Purged (#): 9
Purge Vol. (gal): ~23.5
Well went dry? No Yes
Conditions: No Odor Clear Odor Slightly-Turbid Turbid

FIELD RESULTS:

Gal purged gal	Date & Time	Depth to Water ft	Temp deg C	SpCond mS/cm	Cond. mS/cm	Turb.	TDS g/L		DO mg/L	pH	ORP mV	Odor
10:0	~~9:55~~	10.19	13.1	1.010	0.775	Turbid	0.6565	—	1.40	8.54	-39.7	None
	10:07	10.72	12.6	1.001	0.764	Clear	0.6500	—	0.71	7.64	-64.7	None
	10:12	10.74	12.6	0.996	0.759	Clear	0.6500	—	0.65	7.42	-64.2	None
	10:17	10.74	12.7	0.989	0.756	Clear	0.6435	—	0.56	7.27	-62.7	None
	10:22	10.74	12.7	0.995	0.762	Clear	0.6500	—	0.58	7.17	-62.7	None
	10:27	10.74	12.7	1.007	0.769	Clear	0.6565	—	0.54	7.13	-62.6	None

SAMPLE INFORMATION:

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

LAB REQUESTS:

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

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

The Chazen Companies

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID:	CIM-MW-04	Sample Time:	11:13	Sample Matrix *(circle)*:	
Well ID:	MW-04	Sample Date:	6-14-17	*Groundwater*	Soil
Project Name:	Consolidated Iron and Metal	Sample Tech(s):	WGO	Surface Water	Air
Sample Location:	Newburgh, NY	Project and Task #:	41548.00	Drinking Water	Other:
		Project Manager:	KM		

WELL INFORMATION:

Well Condition: Good

Lock Type: MASTER Key #: 3503

PURGE DATA:

Measuring Point: T.O.PVC

Depth to Bottom: 18.43

Depth to Water: 11.11

Water Column Height: *(A)*

(depth to bottom - depth to water)

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

Gal. to be Purged: *(AxBxC)*

Pipe Width	*(B)* Gal/Foot
1.0"	0.041
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 Mini-Monsoon Submersible

Start Date:

Start Time:

Stop Time:

Purge Rate (gpm):

Elapsed Time (min):

Well Vol. Purged (#):

Purge Vol. (gal): ≈ 3

Well went dry? (No) Yes

Conditions: (No Odor) Odor; (Clear) Slightly-Turbid Turbid

FIELD RESULTS:

Gal purged gal	Date & Time	Depth to Water ft	Temp deg C	SpCond mS/cm°	Cond. mS/cm	Turb.	TDS g/L	—	DO mg/L	pH	ORP mV	Odor
	10:48	11.11	14.1	1.037	0.834	Clear	0.6720	—	1.32	7.02	-39.4	None
	10:53	11.38	12.7	1.036	0.742	Clear	0.6720	—	0.52	6.97	-52.5	None
	10:58	11.37	12.5	1.026	0.782	Clear	0.6665	—	0.36	6.96	-55.1	None
	11:03	11.38	12.5	1.014	0.772	Clear	0.6565	—	0.29	6.98	-57.9	None
	11:08	11.38	12.5	1.006	0.765	Clear	0.6565	—	0.25	7.00	-59.7	None
	11:13	11.38	12.4	0.994	0.756	Clear	0.6435	—	0.20	7.03	-60.9	None

SAMPLE INFORMATION:

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

Sample Type: (Grab) Composite

Sample Depth:

Weather:

Barometric Pres.:

Wind:

Air Temp.(°F):

Notes:

LAB REQUESTS:

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

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

The Chazen Companies

FIELD DATA SHEET

SAMPLE INFORMATION:

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

Sample Time: 12:21
Sample Date: 6-14-17
Sample Tech(s): WGO
Project and Task #: 41548.00
Project Manager: KM

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

WELL INFORMATION:

Well Condition: Good

Lock Type: Key #:

PURGE DATA:

Measuring Point: TOC
Depth to Bottom: 18.22
Depth to Water: 10.72
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 *(B)*
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: Mini-Monsoon Submersible
Start Date:
Start Time:
Stop Time:
Purge Rate (gpm):
Elapsed Time (min):
Well Vol. Purged (#):
Purge Vol. (gal): ≈4
Well went dry? No / Yes
Conditions: No Odor / Odor; Clear / Slightly-Turbid / Turbid

FIELD RESULTS:

Gal purged (gal)	Date & Time	Depth to Water (ft)	Temp (deg C)	SpCond (mS/cm)	Cond. (mS/cm)	Turb.	TDS (g/L)		DO (mg/L)	pH	ORP (mV)	Odor
	11:51	10.72	14.5	1.177	0.924	Clear	0.7670	-	2.78	7.47	-37.4	None
	11:56	11.24	12.6	1.181	0.900	Clear	0.7670	-	0.71	7.22	-61.3	None
	12:01	11.24	12.7	1.179	0.900	Clear	0.7670	-	0.48	7.17	-66.0	None
	12:06	11.24	12.6	1.174	0.897	Clear	0.7605	-	0.47	7.15	-73.0	None
	12:11	11.24	12.7	1.173	0.901	Clear	0.7605	-	0.38	7.15	-76.4	None
	12:16	11.24	12.7	1.172	0.897	Clear	0.7605	-	0.32	7.15	-78.9	None
	12:21	11.24	12.7	1.171	0.895	Clear	0.7605	-	0.31	7.16	-80.7	None

SAMPLE INFORMATION:

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

LAB REQUESTS:

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

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

The Chazen Companies

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID:	CM-MW-06	Sample Time:	13:10	Sample Matrix *(circle)*:	
Well ID:	MW-06	Sample Date:	6-14-17	*Groundwater*	Soil
Project Name:	Consolidated Iron and Metal	Sample Tech(s):	WGO	Surface Water	Air
Sample Location:	Newburgh, NY	Project and Task #:	41548.00	Drinking Water	Other:
		Project Manager:	KM		

WELL INFORMATION:

Well Condition: GOOD

Lock Type: MASTER Key #: 3303

PURGE DATA:

Measuring Point: T.O.PVC

Depth to Bottom: 16.88

Depth to Water: 10.24

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 Mini-Monsoon Submersible

Start Date:

Start Time:

Stop Time:

Purge Rate (gpm):

Elapsed Time (min):

Well Vol. Purged (#):

Purge Vol. (gal): ≈2.5

Well went dry? No Yes

Conditions: No Odor Odor Clear Slightly-Turbid Turbid

FIELD RESULTS:

Gal purged gal	Date & Time	Depth to Water ft	Temp deg C	SpCond mS/cm	Cond. mS/cm	Turb.	TDS g/L	–	DO mg/L	pH	ORP mV	Odor
	12:50	10.24	14.9	1.038	0.806	Clear	0.6695	–	1.49	7.72	-6.6	None
	12:55	10.69	13.0	1.009	0.776	Clear	0.6565	–	0.59	7.51	-20.0	None
	13:00	10.86	13.3	0.911	0.707	Clear	0.5915	–	1.78	7.50	-20.4	None
	13:05	10.95	13.5	0.891	0.695	Clear	0.5785	–	1.88	7.39	-17.2	None
	13:10	11.00	13.5	0.919	0.719	Clear	0.5980	–	1.66	7.31	-17.5	None

SAMPLE INFORMATION:

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

Sample Type: *Grab* Composite

Weather:

Sample Depth:

Barometric Pres.:

Air Temp.(°F):

Wind:

Notes:

LAB REQUESTS:

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

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

The Chazen Companies

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID:	GM-MW-10	Sample Time:	14:03	Sample Matrix *(circle)*:	
Well ID:	MW-10	Sample Date:	6-14-17	***Groundwater***	Soil
Project Name:	Consolidated Iron and Metal	Sample Tech(s):	WGO	Surface Water	Air
Sample Location:	Newburgh, NY	Project and Task #:	41548.00	Drinking Water	Other:
		Project Manager:	KM		

WELL INFORMATION:

Well Condition: Good

Lock Type: MASTER Key #: 3303

PURGE DATA:

Measuring Point: T.O. PVC

Depth to Bottom: 18.25

Depth to Water: 10.52

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 Mini-Monsoon Submersible

Start Date:

Start Time:

Stop Time:

Purge Rate (gpm):

Elapsed Time (min):

Well Vol. Purged (#):

Purge Vol. (gal): ≈3

Well went dry? No Yes

Conditions: No Odor Odor

Clear Slightly-Turbid Turbid

FIELD RESULTS:

Gal purged gal	Date & Time	Depth to Water ft	Temp deg C	SpCond mS/cm	Cond. mS/cm	Turb.	TDS g/L	—	DO mg/L	pH	ORP mV	Odor
	13:38	10.52	14.7	1.183	0.922	Clear	0.7670	—	2.62	7.15	-27.7	None
	13:43	10.58	12.4	1.185	0.901	Clear	0.7735	—	1.37	7.11	-75.0	None
	13:48	10.58	12.4	1.185	0.900	Clear	0.7670	—	0.84	7.12	-81.8	None
	13:53	10.58	12.4	1.185	0.900	Clear	0.7670	—	0.97	7.12	-82.8	None
	13:58	10.58	12.5	1.184	0.900	Clear	0.7670	—	0.91	7.12	-84.7	None
	14:03	10.58	12.4	1.184	0.899	Clear	0.7670	—	0.90	7.12	-86.9	None

SAMPLE INFORMATION:

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

Sample Type: ***Grab*** Composite

Weather:

Sample Depth:

Barometric Pres.:

Air Temp.(°F):

Wind:

Notes:

LAB REQUESTS:

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

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

The Chazen Companies

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID:	CIM-MW-02	Sample Time:	14:55	Sample Matrix *(circle)*:	
Well ID:	MW-02	Sample Date:	6-14-17	***Groundwater***	Soil
Project Name:	Consolidated Iron and Metal	Sample Tech(s):	WGO	Surface Water	Air
Sample Location:	Newburgh, NY	Project and Task #:	41548.00	Drinking Water	Other:
		Project Manager:	KM		

WELL INFORMATION:

Well Condition: Good

Lock Type: MASTER Key #: 3303

PURGE DATA:

Measuring Point: T.O.PVC

Depth to Bottom: 19.60

Depth to Water: 12.77

Water Column Height: *(A)* =

(depth to bottom - depth to water)

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

Gal. to be Purged: *(AxBxC)*

Pipe Width	*(B)* Gal/Foot
1.0"	0.041
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: Mini-Monsoon Submersible

Start Date:

Start Time:

Stop Time:

Purge Rate (gpm):

Elapsed Time (min):

Well Vol. Purged (#):

Purge Vol. (gal): ≈4

Well went dry? No Yes

Conditions: No Odor Odor

Clear Slightly-Turbid Turbid

FIELD RESULTS:

Gal purged gal	Date & Time	Depth to Water ft	Temp deg C	SpCond mS/cm	Cond. mS/cm	Turb.	TDS g/L	—	DO mg/L	pH	ORP mV	Odor
	14:25	12.77	15.3	1.186	1.180	Clear	0.9750	—	3.67	6.97	-28.4	None
	14:30	13.03	13.0	1.515	1.168	Clear	0.9815	—	0.94	6.81	-50.5	None/Slight
	14:35	13.05	13.0	1.525	1.177	Clear	0.9945	—	0.84	6.74	-53.2	Slight org.
	14:40	13.06	13.0	1.541	1.191	Clear	1.186	—	0.73	6.71	-54.7	Slight org.
	14:45	13.06	12.9	1.554	1.195	Clear	1.014	—	0.64	6.68	-53.7	Slight org.
	14:50	13.06	12.9	1.534	1.177	Clear	0.9945	—	0.58	6.68	-54.5	Slight org.
	14:55	13.06	13.0	1.486	1.148	Clear	0.9685	—	0.53	6.68	-53.7	Slight org.

Slight w/trace Glycol smell

SAMPLE INFORMATION:

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

Sample Type: ***Grab*** Composite

Weather:

Sample Depth:

Barometric Pres.:

Air Temp.(°F):

Wind:

Notes:

LAB REQUESTS:

Laboratory Name: York

Analysis/Method:

Turn Around Time: Normal

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

The Chazen Companies

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID:	CM-MW-01	Sample Time:	15:44	Sample Matrix *(circle)*:	
Well ID:	MW-01	Sample Date:	6-14-17	*Groundwater*	Soil
Project Name:	Consolidated Iron and Metal	Sample Tech(s):	WGO	Surface Water	Air
Sample Location:	Newburgh, NY	Project and Task #:	41548.00	Drinking Water	Other:
		Project Manager:	KM		

WELL INFORMATION:

Well Condition: GOOD - Petroleum odor inside well.

Lock Type: MASTER Key #: 3303

PURGE DATA:

Measuring Point: TOPVC

Depth to Bottom: 22.44

Depth to Water: 14.40

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: Mini-Monsoon Submersible
Start Date: _____
Start Time: _____
Stop Time: _____
Purge Rate (gpm): _____
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 mS/cm	Cond. mS/cm	Turb.	TDS g/L	~	DO mg/L	pH	ORP mV	Odor
	15:19	14.40	15.5	2.508	2.023	Clear w/ black sediment	1.6250	—	1.24	6.56	-41.4	Petroleum
	15:24	14.73	13.6	2.504	1.961	Clear	1.6250	—	0.56	6.71	-53.8	Petroleum
	15:29	14.96	13.6	2.504	1.955	Clear	1.6250	—	0.41	6.81	-59.1	Petroleum
	15:34	15.13	13.6	2.486	1.944	Clear	1.6120	—	0.33	6.85	-60.2	Petroleum
	15:39	15.24	13.5	2.440	1.906	Clear	1.5960	—	0.32	6.88	-62.4	Petroleum
	15:44	15.30	13.5	2.435	1.900	Clear	1.5795	—	0.30	6.70	-68.5	Petroleum

SAMPLE INFORMATION:

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

Sample Type: *Grab* Composite

Weather: _____

Sample Depth: _____

Barometric Pres.: _____

Air Temp.(°F): _____

Wind: _____

Notes: _____

LAB REQUESTS:

Laboratory Name: York

Analysis/Method: _____

Turn Around Time: Normal

QA/QC: Duplicate Equip. Blank Field Blank MS/MSD 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: 06/29/2017
Client Project ID: 41548.00 Task 0400 Consolidated Iron
York Project (SDG) No.: 17F0627

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 STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 06/29/2017
Client Project ID: 41548.00 Task 0400 Consolidated Iron
York Project (SDG) No.: 17F0627

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 June 15, 2017 and listed below. The project was identified as your project: **41548.00 Task 0400 Consolidated Iron**.

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

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

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
17F0627-01	CIM-MW-09	Water	06/13/2017	06/15/2017
17F0627-02	CIM-MW-03	Water	06/13/2017	06/15/2017
17F0627-03	CIM-MW-07	Water	06/13/2017	06/15/2017
17F0627-04	CIM-MW-08	Water	06/14/2017	06/15/2017
17F0627-05	CIM-MW-04	Water	06/14/2017	06/15/2017
17F0627-06	CIM-MW-05	Water	06/14/2017	06/15/2017
17F0627-07	CIM-MW-06	Water	06/14/2017	06/15/2017
17F0627-08	CIM-MW-10	Water	06/14/2017	06/15/2017
17F0627-09	CIM-MW-02	Water	06/14/2017	06/15/2017
17F0627-10	CIM-MW-01	Water	06/14/2017	06/15/2017
17F0627-11	CIM-MW-FD	Water	06/14/2017	06/15/2017
17F0627-12	CIM-MW-EB	Water	06/14/2017	06/15/2017
17F0627-13	Trip Blank	Water	06/14/2017	06/15/2017

General Notes for York Project (SDG) No.: 17F0627

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
9. 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: 

Date: 06/29/2017

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: CIM-MW-09 **York Sample ID:** 17F0627-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 1:05 pm	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:05	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:05	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:05	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:05	SR
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:05	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:05	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854,NJDEP	06/23/2017 04:05	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854,NJDEP	06/23/2017 04:05	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:05	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:05	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:05	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:05	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:05	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:05	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:05	SR
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:05	SR
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:05	SR
108-10-1	**4-Methyl-2-pentanone**	**0.48**	J, B	ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:05	SR
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:05	SR
71-43-2	**Benzene**	**0.71**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:05	SR
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854,NJDEP	06/23/2017 04:05	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:05	SR

Sample Information

Client Sample ID: CIM-MW-09 **York Sample ID:** 17F0627-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 1:05 pm	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR
75-15-0	**Carbon disulfide**	**0.45**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR
156-59-2	**cis-1,2-Dichloroethylene**	**0.48**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/22/2017 14:25	06/23/2017 04:05	SR
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/22/2017 14:25	06/23/2017 04:05	SR
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR

Sample Information

Client Sample ID: CIM-MW-09 **York Sample ID:** 17F0627-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 1:05 pm	06/15/2017

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

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR
156-60-5	**trans-1,2-Dichloroethylene**	**0.51**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/22/2017 14:25	06/23/2017 04:05	SR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.8 %*	*79-122*

Semi-Volatiles, EPA TCL List

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	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 17:43	ZZZ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/20/2017 08:58	06/28/2017 17:43	ZZZ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/20/2017 08:58	06/28/2017 17:43	ZZZ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/20/2017 08:58	06/28/2017 17:43	ZZZ
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 17:43	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 17:43	ZZZ
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 17:43	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 17:43	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 17:43	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 17:43	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 17:43	ZZZ

Sample Information

Client Sample ID: CIM-MW-09 **York Sample ID:** 17F0627-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 1:05 pm	06/15/2017

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 17:55	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 17:55	SR
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 17:55	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 17:55	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 17:55	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 17:55	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 17:55	SR

Sample Information

Client Sample ID: CIM-MW-09 **York Sample ID:** 17F0627-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 1:05 pm	06/15/2017

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 17:55	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 17:55	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 17:55	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 17:55	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 17:55	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,NJDEP,PADEP	06/22/2017 17:55	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 17:55	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 17:55	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 17:55	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 17:55	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ

Sample Information

Client Sample ID: CIM-MW-09 **York Sample ID:** 17F0627-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 1:05 pm	06/15/2017

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 17:55	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 17:55	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 17:55	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 17:55	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 17:43	ZZZ
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 17:55	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*31.2 %*	*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*15.8 %*	*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*58.3 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*51.8 %*	*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*64.2 %*	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*47.8 %*	*15-106*

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	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:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:17	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:17	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:17	SA
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:17	SA
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:17	SA
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:17	SA
57-74-9	Chlordane, total	ND		ug/L	0.0205	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:17	SA
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:17	SA

Sample Information

Client Sample ID: CIM-MW-09 **York Sample ID:** 17F0627-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 1:05 pm	06/15/2017

Pesticides, EPA TCL 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
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:17	SA
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:17	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:17	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:17	SA
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:17	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:17	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:17	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:17	SA
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:17	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:17	SA
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:17	SA
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:17	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.2 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.0 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	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:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 18:42	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A Certifications:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 18:42	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A Certifications:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 18:42	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A Certifications:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 18:42	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A Certifications:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 18:42	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A Certifications:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 18:42	SA

Sample Information

Client Sample ID: CIM-MW-09 **York Sample ID:** 17F0627-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 1:05 pm	06/15/2017

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	06/20/2017 08:49	06/21/2017 18:42	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A Certifications:	06/20/2017 08:49	06/21/2017 18:42	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:19	KML
7440-36-0	Antimony	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:19	KML
7440-38-2	**Arsenic**	**0.006**		mg/L	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:19	KML
7440-39-3	**Barium**	**0.079**		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:19	KML
7440-41-7	Beryllium	ND		mg/L	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:19	KML
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:19	KML
7440-70-2	**Calcium**	**131**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:19	KML
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:19	KML
7440-48-4	Cobalt	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:19	KML
7440-50-8	**Copper**	**0.005**		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:19	KML
7439-89-6	**Iron**	**1.02**		mg/L	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:19	KML
7439-92-1	Lead	ND		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:19	KML
7439-95-4	**Magnesium**	**20.7**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:19	KML
7439-96-5	**Manganese**	**0.616**		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:19	KML
7440-02-0	Nickel	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:19	KML
7440-09-7	**Potassium**	**3.44**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:19	KML

Sample Information

Client Sample ID: CIM-MW-09 **York Sample ID:** 17F0627-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 1:05 pm	06/15/2017

Metals, Target Analyte

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	ND		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:19	KML
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:19	KML
7440-23-5	**Sodium**	**99.0**	B	mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:19	KML
7440-28-0	Thallium	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:19	KML
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:19	KML
7440-66-6	**Zinc**	**0.017**	B	mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:19	KML

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

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	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 14:32	06/21/2017 14:32	AA

Sample Information

Client Sample ID: CIM-MW-03 **York Sample ID:** 17F0627-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 2:04 pm	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:32	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:32	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:32	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:32	SR
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 04:32	SR

Sample Information

Client Sample ID: CIM-MW-03 **York Sample ID:** 17F0627-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 2:04 pm	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:32	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854,NJDEP	06/23/2017 04:32	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854,NJDEP	06/23/2017 04:32	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:32	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:32	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:32	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:32	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:32	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:32	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:32	SR
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:32	SR
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:32	SR
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:32	SR
67-64-1	**Acetone**	**1.5**	J, B	ug/L	1.0	2.0	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:32	SR
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:32	SR
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854,NJDEP	06/23/2017 04:32	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:32	SR
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:32	SR
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:32	SR
75-15-0	**Carbon disulfide**	**2.9**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:32	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:32	SR
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:32	SR
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:32	SR

Sample Information

Client Sample ID: CIM-MW-03 **York Sample ID:** 17F0627-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 2:04 pm	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25	06/23/2017 04:32	SR CTDOH,NELAC-NY10854,NJDEP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25	06/23/2017 04:32	SR CTDOH,NELAC-NY10854,NJDEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25	06/23/2017 04:32	SR CTDOH,NELAC-NY10854,NJDEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25	06/23/2017 04:32	SR CTDOH,NELAC-NY10854,NJDEP
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25	06/23/2017 04:32	SR NELAC-NY10854,NJDEP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25	06/23/2017 04:32	SR CTDOH,NELAC-NY10854,NJDEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25	06/23/2017 04:32	SR NELAC-NY10854,NJDEP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25	06/23/2017 04:32	SR CTDOH,NELAC-NY10854,NJDEP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25	06/23/2017 04:32	SR CTDOH,NELAC-NY10854,NJDEP
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25	06/23/2017 04:32	SR NELAC-NY10854,NJDEP
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**8.2**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25	06/23/2017 04:32	SR CTDOH,NELAC-NY10854,NJDEP
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25	06/23/2017 04:32	SR NELAC-NY10854,NJDEP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	06/22/2017 14:25	06/23/2017 04:32	SR CTDOH,NELAC-NY10854,NJDEP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25	06/23/2017 04:32	SR NELAC-NY10854
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	06/22/2017 14:25	06/23/2017 04:32	SR NELAC-NY10854
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25	06/23/2017 04:32	SR CTDOH,NELAC-NY10854,NJDEP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25	06/23/2017 04:32	SR CTDOH,NELAC-NY10854,NJDEP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25	06/23/2017 04:32	SR CTDOH,NELAC-NY10854,NJDEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25	06/23/2017 04:32	SR CTDOH,NELAC-NY10854,NJDEP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25	06/23/2017 04:32	SR CTDOH,NELAC-NY10854,NJDEP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25	06/23/2017 04:32	SR CTDOH,NELAC-NY10854,NJDEP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25	06/23/2017 04:32	SR CTDOH,NELAC-NY10854,NJDEP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25	06/23/2017 04:32	SR CTDOH,NELAC-NY10854,NJDEP

Sample Information

Client Sample ID: CIM-MW-03 **York Sample ID:** 17F0627-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 2:04 pm	06/15/2017

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

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/22/2017 14:25	06/23/2017 04:32	SR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*97.9 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*83.2 %*	*79-122*

Semi-Volatiles, EPA TCL List

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	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 18:14	ZZZ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/20/2017 08:58	06/28/2017 18:14	ZZZ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/20/2017 08:58	06/28/2017 18:14	ZZZ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/20/2017 08:58	06/28/2017 18:14	ZZZ
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 18:14	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 18:14	ZZZ
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 18:14	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 18:14	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 18:14	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 18:14	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 18:14	ZZZ
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 18:14	ZZZ
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 18:14	ZZZ
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 18:14	ZZZ
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 18:14	ZZZ
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 18:14	ZZZ
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 18:14	ZZZ

Sample Information

Client Sample ID: CIM-MW-03 **York Sample ID:** 17F0627-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 2:04 pm	06/15/2017

Semi-Volatiles, EPA TCL List

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
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:14	ZZZ
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:14	ZZZ
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:14	ZZZ
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:14	ZZZ
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:14	ZZZ
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:14	ZZZ
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:14	ZZZ
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:14	ZZZ
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:14	ZZZ
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:14	ZZZ
83-32-9	**Acenaphthene**	**0.695**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 18:26	SR
208-96-8	**Acenaphthylene**	**0.0526**	J	ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 18:26	SR
120-12-7	**Anthracene**	**0.116**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 18:26	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 18:26	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 18:26	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 18:26	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 18:26	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 18:26	SR
65-85-0	Benzoic acid	ND		ug/L	26.3	52.6	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:14	ZZZ
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:14	ZZZ
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:14	ZZZ
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:14	ZZZ
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:14	ZZZ

Sample Information

Client Sample ID: CIM-MW-03 **York Sample ID:** 17F0627-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 2:04 pm	06/15/2017

Semi-Volatiles, EPA TCL List

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	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:14	ZZZ
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 18:26	SR
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 18:26	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 18:26	SR
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:14	ZZZ
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:14	ZZZ
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:14	ZZZ
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:14	ZZZ
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:14	ZZZ
206-44-0	**Fluoranthene**	**0.337**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 18:26	SR
86-73-7	**Fluorene**	**0.337**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,NJDEP,PADEP	06/22/2017 18:26	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 18:26	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 18:26	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:14	ZZZ
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 18:26	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 18:26	SR
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:14	ZZZ
91-20-3	Naphthalene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 18:26	SR
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 18:26	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:14	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:14	ZZZ
87-86-5	Pentachlorophenol	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 18:26	SR
85-01-8	**Phenanthrene**	**0.442**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 18:26	SR

Sample Information

Client Sample ID: CIM-MW-03 **York Sample ID:** 17F0627-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 2:04 pm	06/15/2017

Semi-Volatiles, EPA TCL List

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	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 18:14	ZZZ
129-00-0	**Pyrene**	**0.253**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/22/2017 18:26	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*28.2 %*	*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*15.6 %*	*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*54.1 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*48.5 %*	*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*76.6 %*	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*49.3 %*	*15-106*

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	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	06/20/2017 08:49	06/20/2017 19:31	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 19:31	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 19:31	SA
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 19:31	SA
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 19:31	SA
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 19:31	SA
57-74-9	Chlordane, total	ND		ug/L	0.0205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 19:31	SA
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 19:31	SA
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 19:31	SA
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 19:31	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 19:31	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 19:31	SA
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 19:31	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 19:31	SA

Sample Information

Client Sample ID: CIM-MW-03 **York Sample ID:** 17F0627-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 2:04 pm	06/15/2017

Pesticides, EPA TCL 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
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 19:31	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 19:31	SA
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 19:31	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 19:31	SA
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 19:31	SA
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 19:31	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.3 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.9 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	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	06/20/2017 08:49	06/21/2017 18:58	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 18:58	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 18:58	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 18:58	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 18:58	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 18:58	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 18:58	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A Certifications:	06/20/2017 08:49	06/21/2017 18:58	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.0 %*	*30-120*

Metals, Target Analyte

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

Sample Information

Client Sample ID: CIM-MW-03 **York Sample ID:** 17F0627-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 2:04 pm	06/15/2017

7429-90-5	Aluminum	ND		mg/L	0.056	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.018**		mg/L	0.004	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.586**		mg/L	0.011	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.001	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**83.9**		mg/L	0.056	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.005**		mg/L	0.003	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**27.0**		mg/L	0.022	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.009**	B	mg/L	0.003	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**49.8**		mg/L	0.056	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.276**		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**11.8**		mg/L	0.056	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.011	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**46.5**	B	mg/L	0.111	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.020**	B	mg/L	0.011	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: CIM-MW-03 **York Sample ID:** 17F0627-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 2:04 pm	06/15/2017

Sample Prepared by Method: EPA SW846-7470

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	0.0002	1	EPA 7470 Certifications:	06/21/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 14:32	AA

Sample Information

Client Sample ID: CIM-MW-07 **York Sample ID:** 17F0627-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 3:04 pm	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR

Sample Information

Client Sample ID: CIM-MW-07 **York Sample ID:** 17F0627-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 3:04 pm	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
67-64-1	**Acetone**	**4.2**	B	ug/L	1.0	2.0	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
71-43-2	**Benzene**	**0.41**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 04:59	SR
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854,NJDEP	06/23/2017 04:59	SR

Sample Information

Client Sample ID: CIM-MW-07 **York Sample ID:** 17F0627-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 3:04 pm	06/15/2017

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

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**6.9**		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 04:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 04:59	SR
								Certifications:	NELAC-NY10854,NJDEP		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	06/22/2017 14:25	06/23/2017 04:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-47-6	**o-Xylene**	**0.58**		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 04:59	SR
								Certifications:	NELAC-NY10854		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	06/22/2017 14:25	06/23/2017 04:59	SR
								Certifications:	NELAC-NY10854		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 04:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 04:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-88-3	**Toluene**	**0.33**	J	ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 04:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 04:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 04:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 04:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 04:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 04:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
1330-20-7	*** Xylenes, Total**	**0.87**	J	ug/L	0.60	1.5	1	EPA 8260C	06/22/2017 14:25	06/23/2017 04:59	SR
								Certifications:	CTDOH,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.7 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*99.9 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*86.4 %*	*79-122*

Semi-Volatiles, EPA TCL List

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	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 18:45	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 18:45	ZZZ
								Certifications:	NELAC-NY10854,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 18:45	ZZZ
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 18:45	ZZZ
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: CIM-MW-07 **York Sample ID:** 17F0627-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 3:04 pm	06/15/2017

Semi-Volatiles, EPA TCL List

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
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:45	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:45	ZZZ
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:45	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:45	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:45	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:45	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:45	ZZZ
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:45	ZZZ
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:45	ZZZ
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:45	ZZZ
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:45	ZZZ
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:45	ZZZ
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:45	ZZZ
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:45	ZZZ
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:45	ZZZ
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:45	ZZZ
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:45	ZZZ
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:45	ZZZ
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:45	ZZZ
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:45	ZZZ
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:45	ZZZ
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:45	ZZZ
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 18:45	ZZZ

Sample Information

Client Sample ID: CIM-MW-07 **York Sample ID:** 17F0627-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 3:04 pm	06/15/2017

Semi-Volatiles, EPA TCL List

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
83-32-9	**Acenaphthene**	**1.08**		ug/L	0.0513	0.0513	1	EPA 8270D	06/20/2017 08:58	06/22/2017 18:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.0718**		ug/L	0.0513	0.0513	1	EPA 8270D	06/20/2017 08:58	06/22/2017 18:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.267**		ug/L	0.0513	0.0513	1	EPA 8270D	06/20/2017 08:58	06/22/2017 18:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	06/20/2017 08:58	06/22/2017 18:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	06/20/2017 08:58	06/22/2017 18:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	06/20/2017 08:58	06/22/2017 18:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	06/20/2017 08:58	06/22/2017 18:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	06/20/2017 08:58	06/22/2017 18:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D	06/20/2017 08:58	06/28/2017 18:45	ZZZ
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 18:45	ZZZ
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 18:45	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 18:45	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 18:45	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 18:45	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**28.1**	CCV-E	ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 18:45	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.0513**	J	ug/L	0.0513	0.0513	1	EPA 8270D	06/20/2017 08:58	06/22/2017 18:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	06/20/2017 08:58	06/22/2017 18:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 18:45	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 18:45	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 18:45	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 18:45	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 18:45	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.667**		ug/L	0.0513	0.0513	1	EPA 8270D	06/20/2017 08:58	06/22/2017 18:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CIM-MW-07 **York Sample ID:** 17F0627-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 3:04 pm	06/15/2017

Semi-Volatiles, EPA TCL List

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
86-73-7	**Fluorene**	**0.595**		ug/L	0.0513	0.0513	1	EPA 8270D	06/20/2017 08:58	06/22/2017 18:57	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D	06/20/2017 08:58	06/22/2017 18:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D	06/20/2017 08:58	06/22/2017 18:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 18:45	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D	06/20/2017 08:58	06/22/2017 18:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	06/20/2017 08:58	06/22/2017 18:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 18:45	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.0923**		ug/L	0.0513	0.0513	1	EPA 8270D	06/20/2017 08:58	06/22/2017 18:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D	06/20/2017 08:58	06/22/2017 18:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 18:45	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 18:45	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D	06/20/2017 08:58	06/22/2017 18:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**1.67**		ug/L	0.0513	0.0513	1	EPA 8270D	06/20/2017 08:58	06/22/2017 18:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 18:45	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.513**		ug/L	0.0513	0.0513	1	EPA 8270D	06/20/2017 08:58	06/22/2017 18:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*33.6 %*	*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*16.7 %*	*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*64.3 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*56.7 %*	*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*82.0 %*	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*54.7 %*	*15-106*

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	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	06/20/2017 08:49	06/20/2017 19:46	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CIM-MW-07 **York Sample ID:** 17F0627-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 3:04 pm	06/15/2017

Pesticides, EPA TCL 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
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:46	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:46	SA
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:46	SA
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:46	SA
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:46	SA
57-74-9	Chlordane, total	ND		ug/L	0.0205	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:46	SA
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:46	SA
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:46	SA
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:46	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:46	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:46	SA
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:46	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:46	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:46	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:46	SA
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:46	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:46	SA
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:46	SA
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 19:46	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.9 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.6 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

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

Sample Information

Client Sample ID: CIM-MW-07 **York Sample ID:** 17F0627-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 3:04 pm	06/15/2017

12674-11-2	Aroclor 1016	ND	ug/L	0.0513	1	EPA 8082A Certifications:	06/20/2017 08:49	06/21/2017 19:14 NELAC-NY10854,CTDOH,NJDEP,PADEP	SA
11104-28-2	Aroclor 1221	ND	ug/L	0.0513	1	EPA 8082A Certifications:	06/20/2017 08:49	06/21/2017 19:14 NELAC-NY10854,CTDOH,NJDEP,PADEP	SA
11141-16-5	Aroclor 1232	ND	ug/L	0.0513	1	EPA 8082A Certifications:	06/20/2017 08:49	06/21/2017 19:14 NELAC-NY10854,CTDOH,NJDEP,PADEP	SA
53469-21-9	Aroclor 1242	ND	ug/L	0.0513	1	EPA 8082A Certifications:	06/20/2017 08:49	06/21/2017 19:14 NELAC-NY10854,CTDOH,NJDEP,PADEP	SA
12672-29-6	Aroclor 1248	ND	ug/L	0.0513	1	EPA 8082A Certifications:	06/20/2017 08:49	06/21/2017 19:14 NELAC-NY10854,CTDOH,NJDEP,PADEP	SA
11097-69-1	Aroclor 1254	ND	ug/L	0.0513	1	EPA 8082A Certifications:	06/20/2017 08:49	06/21/2017 19:14 NELAC-NY10854,CTDOH,NJDEP,PADEP	SA
11096-82-5	Aroclor 1260	ND	ug/L	0.0513	1	EPA 8082A Certifications:	06/20/2017 08:49	06/21/2017 19:14 NELAC-NY10854,CTDOH,NJDEP,PADEP	SA
1336-36-3	* Total PCBs	ND	ug/L	0.0513	1	EPA 8082A Certifications:	06/20/2017 08:49	06/21/2017 19:14	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.056	1	EPA 6010C Certifications:	06/22/2017 09:30	06/27/2017 18:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7440-36-0	Antimony	ND		mg/L	0.006	1	EPA 6010C Certifications:	06/22/2017 09:30	06/27/2017 18:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7440-38-2	**Arsenic**	**0.008**		mg/L	0.004	1	EPA 6010C Certifications:	06/22/2017 09:30	06/27/2017 18:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7440-39-3	**Barium**	**0.445**		mg/L	0.011	1	EPA 6010C Certifications:	06/22/2017 09:30	06/27/2017 18:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7440-41-7	Beryllium	ND		mg/L	0.001	1	EPA 6010C Certifications:	06/22/2017 09:30	06/27/2017 18:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C Certifications:	06/22/2017 09:30	06/27/2017 18:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7440-70-2	**Calcium**	**87.8**		mg/L	0.056	1	EPA 6010C Certifications:	06/22/2017 09:30	06/27/2017 18:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C Certifications:	06/22/2017 09:30	06/27/2017 18:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7440-48-4	Cobalt	ND		mg/L	0.006	1	EPA 6010C Certifications:	06/22/2017 09:30	06/27/2017 18:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7440-50-8	Copper	ND		mg/L	0.003	1	EPA 6010C Certifications:	06/22/2017 09:30	06/27/2017 18:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7439-89-6	**Iron**	**11.4**		mg/L	0.022	1	EPA 6010C Certifications:	06/22/2017 09:30	06/27/2017 18:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7439-92-1	Lead	ND		mg/L	0.003	1	EPA 6010C Certifications:	06/22/2017 09:30	06/27/2017 18:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML

Sample Information

Client Sample ID: CIM-MW-07 **York Sample ID:** 17F0627-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 13, 2017 3:04 pm	06/15/2017

Metals, Target Analyte

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**	**21.1**		mg/L	0.056	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**0.653**		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**5.15**		mg/L	0.056	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/L	0.011	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**39.3**	B	mg/L	0.111	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**0.016**	B	mg/L	0.011	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

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	0.0002	1	EPA 7470	06/21/2017 14:32	06/21/2017 14:32	AA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: CIM-MW-08 **York Sample ID:** 17F0627-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 10:27 am	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 05:26	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: CIM-MW-08 **York Sample ID:** 17F0627-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 10:27 am	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR
67-64-1	**Acetone**	**1.2**	J, B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR

Sample Information

Client Sample ID: CIM-MW-08 **York Sample ID:** 17F0627-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 10:27 am	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:26	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:26	SR
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:26	SR
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:26	SR
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:26	SR
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:26	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:26	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:26	SR
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854,NJDEP	06/23/2017 05:26	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:26	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854,NJDEP	06/23/2017 05:26	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:26	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:26	SR
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854,NJDEP	06/23/2017 05:26	SR
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**1.2**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:26	SR
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854,NJDEP	06/23/2017 05:26	SR
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:26	SR
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854	06/23/2017 05:26	SR
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854	06/23/2017 05:26	SR
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:26	SR
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:26	SR
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:26	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:26	SR

Sample Information

Client Sample ID: CIM-MW-08 **York Sample ID:** 17F0627-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 10:27 am	06/15/2017

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

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/22/2017 14:25	06/23/2017 05:26	SR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.5 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*98.9 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.5 %*	*79-122*

Semi-Volatiles, EPA TCL List

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	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ

Sample Information

Client Sample ID: CIM-MW-08 **York Sample ID:** 17F0627-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 10:27 am	06/15/2017

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:16	ZZZ
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:16	ZZZ
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:16	ZZZ
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:16	ZZZ
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:16	ZZZ
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:16	ZZZ
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:16	ZZZ
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:16	ZZZ
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:16	ZZZ
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:16	ZZZ
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:16	ZZZ
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:16	ZZZ
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:16	ZZZ
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:16	ZZZ
83-32-9	**Acenaphthene**	**0.189**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 20:30	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 20:30	SR
120-12-7	**Anthracene**	**0.0632**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 20:30	SR
56-55-3	**Benzo(a)anthracene**	**0.126**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 20:30	SR
50-32-8	**Benzo(a)pyrene**	**0.126**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 20:30	SR
205-99-2	**Benzo(b)fluoranthene**	**0.0842**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 20:30	SR
191-24-2	**Benzo(g,h,i)perylene**	**0.0842**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 20:30	SR
207-08-9	**Benzo(k)fluoranthene**	**0.105**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 20:30	SR
65-85-0	Benzoic acid	ND		ug/L	26.3	52.6	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:16	ZZZ

Sample Information

Client Sample ID: **CIM-MW-08** **York Sample ID:** **17F0627-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 10:27 am	06/15/2017

Semi-Volatiles, EPA TCL List

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
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.674**		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/22/2017 20:30	SR
218-01-9	**Chrysene**	**0.116**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/22/2017 20:30	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/22/2017 20:30	SR
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
206-44-0	**Fluoranthene**	**0.326**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/22/2017 20:30	SR
86-73-7	**Fluorene**	**0.0526**	J	ug/L	0.0526	0.0526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/22/2017 20:30	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/22/2017 20:30	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/22/2017 20:30	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/22/2017 20:30	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0737**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/22/2017 20:30	SR
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
91-20-3	Naphthalene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/22/2017 20:30	SR
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/22/2017 20:30	SR

Sample Information

Client Sample ID: CIM-MW-08 **York Sample ID:** 17F0627-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 10:27 am	06/15/2017

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
87-86-5	Pentachlorophenol	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/22/2017 20:30	SR
85-01-8	**Phenanthrene**	**0.168**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/22/2017 20:30	SR
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 19:16	ZZZ
129-00-0	**Pyrene**	**0.253**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/22/2017 20:30	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*36.8 %*	*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*19.6 %*	*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*71.3 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*61.2 %*	*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*91.1 %*	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*61.8 %*	*15-106*

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	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	06/20/2017 08:49	06/21/2017 10:31	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 10:31	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 10:31	SA
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 10:31	SA
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 10:31	SA
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 10:31	SA
57-74-9	Chlordane, total	ND		ug/L	0.0211	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 10:31	SA
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 10:31	SA
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 10:31	SA
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 10:31	SA

Sample Information

Client Sample ID: CIM-MW-08 **York Sample ID:** 17F0627-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 10:27 am	06/15/2017

Pesticides, EPA TCL 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:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 10:31	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 10:31	SA
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 10:31	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 10:31	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 10:31	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 10:31	SA
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 10:31	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 10:31	SA
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 10:31	SA
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 10:31	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.8 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.8 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	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:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 19:31	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A Certifications:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 19:31	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A Certifications:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 19:31	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A Certifications:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 19:31	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A Certifications:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 19:31	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A Certifications:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 19:31	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A Certifications:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 19:31	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A Certifications:	06/20/2017 08:49	06/21/2017 19:31	SA

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: CIM-MW-08 **York Sample ID:** 17F0627-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 10:27 am	06/15/2017

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*	*62.0 %*			*30-120*					
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.0 %*			*30-120*					

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.107**		mg/L	0.056	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.008**		mg/L	0.004	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.204**		mg/L	0.011	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.001	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**120**		mg/L	0.056	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.005**		mg/L	0.003	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**5.94**		mg/L	0.022	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.043**	B	mg/L	0.003	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**24.3**		mg/L	0.056	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.789**		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**6.32**		mg/L	0.056	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.011	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CIM-MW-08 **York Sample ID:** 17F0627-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 10:27 am	06/15/2017

Metals, Target Analyte

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**	**40.5**	B	mg/L	0.111	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.088**	B	mg/L	0.011	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

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	0.0002	1	EPA 7470	06/21/2017 14:32	06/21/2017 14:32	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CIM-MW-04 **York Sample ID:** 17F0627-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 11:13 am	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 05:54	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 05:54	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 05:54	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 05:54	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 05:54	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 05:54	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 05:54	SR
								Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: CIM-MW-04 **York Sample ID:** 17F0627-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 11:13 am	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
67-64-1	**Acetone**	**1.2**	J, B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR

Sample Information

Client Sample ID: CIM-MW-04 **York Sample ID:** 17F0627-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 11:13 am	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**2.2**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/22/2017 14:25	06/23/2017 05:54	SR
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/22/2017 14:25	06/23/2017 05:54	SR
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/22/2017 14:25	06/23/2017 05:54	SR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*69-130*

Sample Information

Client Sample ID: CIM-MW-04 **York Sample ID:** 17F0627-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 11:13 am	06/15/2017

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

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: Toluene-d8*	*98.1 %*			*81-117*						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.0 %*			*79-122*						

Semi-Volatiles, EPA TCL List

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	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,PADEP	06/28/2017 19:48	ZZZ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,PADEP	06/28/2017 19:48	ZZZ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,PADEP	06/28/2017 19:48	ZZZ
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ

Sample Information

Client Sample ID: CIM-MW-04 **York Sample ID:** 17F0627-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 11:13 am	06/15/2017

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:01	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:01	SR
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:01	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:01	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:01	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:01	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:01	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:01	SR
65-85-0	Benzoic acid	ND		ug/L	26.3	52.6	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:01	SR

Sample Information

Client Sample ID: CIM-MW-04 **York Sample ID:** 17F0627-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 11:13 am	06/15/2017

Semi-Volatiles, EPA TCL List **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
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:01	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:01	SR
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:01	SR
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:01	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:01	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:01	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:01	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:01	SR
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
91-20-3	Naphthalene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:01	SR
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:01	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
87-86-5	Pentachlorophenol	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:01	SR
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:01	SR
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 19:48	ZZZ
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:01	SR

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: CIM-MW-04 **York Sample ID:** 17F0627-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 11:13 am	06/15/2017

Semi-Volatiles, EPA TCL List

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
367-12-4	*Surrogate: 2-Fluorophenol*	*36.9 %*			*12-64*						
4165-62-2	*Surrogate: Phenol-d5*	*20.7 %*			*10-82*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*74.0 %*			*12-96*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*63.2 %*			*16-84*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*87.1 %*			*15-104*						
1718-51-0	*Surrogate: Terphenyl-d14*	*64.7 %*			*15-106*						

Pesticides, EPA TCL List

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

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

CAS No.	Parameter	Result	Flag	Units	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	06/20/2017 08:49	06/20/2017 20:01	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:01	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:01	SA
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:01	SA
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:01	SA
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:01	SA
57-74-9	Chlordane, total	ND		ug/L	0.0211	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:01	SA
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:01	SA
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:01	SA
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:01	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:01	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:01	SA
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:01	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:01	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:01	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:01	SA
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:01	SA

Sample Information

Client Sample ID: CIM-MW-04 **York Sample ID:** 17F0627-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 11:13 am	06/15/2017

Pesticides, EPA TCL 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
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:01	SA
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:01	SA
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:01	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.9 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*39.3 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	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	06/20/2017 08:49	06/21/2017 19:47	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 19:47	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 19:47	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 19:47	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 19:47	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 19:47	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 19:47	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A Certifications:	06/20/2017 08:49	06/21/2017 19:47	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.115**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:52	KML
7440-36-0	Antimony	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:52	KML

Sample Information

Client Sample ID: CIM-MW-04 **York Sample ID:** 17F0627-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 11:13 am	06/15/2017

Metals, Target Analyte

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
7440-38-2	**Arsenic**	**0.009**		mg/L	0.004	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.202**		mg/L	0.011	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.001	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**54.7**		mg/L	0.056	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.006**		mg/L	0.003	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**8.66**		mg/L	0.022	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.005**	B	mg/L	0.003	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**41.2**		mg/L	0.056	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.215**		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**14.4**		mg/L	0.056	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.011	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**49.5**	B	mg/L	0.111	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.021**	B	mg/L	0.011	1	EPA 6010C	06/22/2017 09:30	06/27/2017 18:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

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

Sample Information

Client Sample ID: CIM-MW-04 **York Sample ID:** 17F0627-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 11:13 am	06/15/2017

7439-97-6	Mercury	ND	mg/L	0.0002	1	EPA 7470	06/21/2017 14:32	06/21/2017 14:32	AA
						Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

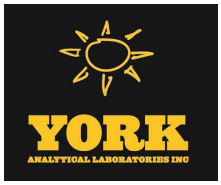
Client Sample ID: CIM-MW-05 **York Sample ID:** 17F0627-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 12:21 pm	06/15/2017

Volatile Organics, 8260 - TCL/SOM (low level) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 06:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 06:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 06:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 06:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 06:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 06:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 06:21	SR
								Certifications:	NELAC-NY10854,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 06:21	SR
								Certifications:	NELAC-NY10854,NJDEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 06:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 06:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 06:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 06:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 06:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 06:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 06:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 06:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:25	06/23/2017 06:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		



Sample Information

Client Sample ID: **CIM-MW-05** **York Sample ID:** **17F0627-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 12:21 pm	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:21	SR
67-64-1	**Acetone**	**1.7**	J, B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:21	SR
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:21	SR
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:21	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:21	SR
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:21	SR
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:21	SR
75-15-0	**Carbon disulfide**	**0.65**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:21	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:21	SR
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:21	SR
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:21	SR
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:21	SR
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:21	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:21	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:21	SR
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:21	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:21	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:21	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:21	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:21	SR
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:21	SR
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**4.1**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:21	SR
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:21	SR

Sample Information

Client Sample ID: CIM-MW-05 **York Sample ID:** 17F0627-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 12:21 pm	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:21	SR
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854	06/23/2017 06:21	SR
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854	06/23/2017 06:21	SR
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:21	SR
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:21	SR
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:21	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:21	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:21	SR
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:21	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:21	SR
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:21	SR
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NJDEP	06/23/2017 06:21	SR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.7 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*87.8 %*	*79-122*

Semi-Volatiles, EPA TCL List

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	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,PADEP	06/28/2017 20:20	ZZZ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,PADEP	06/28/2017 20:20	ZZZ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,PADEP	06/28/2017 20:20	ZZZ
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ

Sample Information

Client Sample ID: CIM-MW-05 **York Sample ID:** 17F0627-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 12:21 pm	06/15/2017

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
83-32-9	**Acenaphthene**	**0.811**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:32	SR
208-96-8	**Acenaphthylene**	**0.105**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:32	SR

Sample Information

Client Sample ID: CIM-MW-05 **York Sample ID:** 17F0627-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 12:21 pm	06/15/2017

Semi-Volatiles, EPA TCL List

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
120-12-7	**Anthracene**	**0.116**		ug/L	0.0526	0.0526	1	EPA 8270D	06/20/2017 08:58	06/22/2017 21:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	06/20/2017 08:58	06/22/2017 21:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	06/20/2017 08:58	06/22/2017 21:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	06/20/2017 08:58	06/22/2017 21:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	06/20/2017 08:58	06/22/2017 21:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	06/20/2017 08:58	06/22/2017 21:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	26.3	52.6	1	EPA 8270D	06/20/2017 08:58	06/28/2017 20:20	ZZZ
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D	06/20/2017 08:58	06/28/2017 20:20	ZZZ
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	06/20/2017 08:58	06/28/2017 20:20	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D	06/20/2017 08:58	06/28/2017 20:20	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D	06/20/2017 08:58	06/28/2017 20:20	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D	06/20/2017 08:58	06/28/2017 20:20	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	0.526	1	EPA 8270D	06/20/2017 08:58	06/22/2017 21:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	06/20/2017 08:58	06/22/2017 21:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	06/20/2017 08:58	06/22/2017 21:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D	06/20/2017 08:58	06/28/2017 20:20	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	06/20/2017 08:58	06/28/2017 20:20	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	06/20/2017 08:58	06/28/2017 20:20	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	06/20/2017 08:58	06/28/2017 20:20	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	06/20/2017 08:58	06/28/2017 20:20	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.853**		ug/L	0.0526	0.0526	1	EPA 8270D	06/20/2017 08:58	06/22/2017 21:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.779**		ug/L	0.0526	0.0526	1	EPA 8270D	06/20/2017 08:58	06/22/2017 21:32	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D	06/20/2017 08:58	06/22/2017 21:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CIM-MW-05 **York Sample ID:** 17F0627-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 12:21 pm	06/15/2017

Semi-Volatiles, EPA TCL List

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
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:32	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:32	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:32	SR
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
91-20-3	Naphthalene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:32	SR
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:32	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
87-86-5	Pentachlorophenol	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:32	SR
85-01-8	**Phenanthrene**	**0.632**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:32	SR
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:20	ZZZ
129-00-0	**Pyrene**	**0.916**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 21:32	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*31.2 %*	*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*16.6 %*	*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*61.4 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*54.4 %*	*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*86.0 %*	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*60.3 %*	*15-106*

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	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:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:16	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:16	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:16	SA

Sample Information

Client Sample ID: CIM-MW-05 **York Sample ID:** 17F0627-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 12:21 pm	06/15/2017

Pesticides, EPA TCL 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
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:16	SA
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:16	SA
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:16	SA
57-74-9	Chlordane, total	ND		ug/L	0.0211	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:16	SA
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:16	SA
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:16	SA
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:16	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:16	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:16	SA
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:16	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:16	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:16	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:16	SA
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:16	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:16	SA
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:16	SA
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:16	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.3 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.1 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	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:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 20:04	SA

Sample Information

Client Sample ID: CIM-MW-05 **York Sample ID:** 17F0627-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 12:21 pm	06/15/2017

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
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 20:04	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 20:04	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 20:04	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 20:04	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 20:04	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 20:04	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A Certifications:	06/20/2017 08:49	06/21/2017 20:04	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:57	KML
7440-36-0	Antimony	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:57	KML
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:57	KML
7440-39-3	**Barium**	**0.168**		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:57	KML
7440-41-7	Beryllium	ND		mg/L	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:57	KML
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:57	KML
7440-70-2	**Calcium**	**109**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:57	KML
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:57	KML
7440-48-4	Cobalt	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:57	KML
7440-50-8	**Copper**	**0.005**		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:57	KML
7439-89-6	**Iron**	**10.8**		mg/L	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 18:57	KML

Sample Information

Client Sample ID: CIM-MW-05 **York Sample ID:** 17F0627-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 12:21 pm	06/15/2017

Metals, Target Analyte

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	ND		mg/L	0.003	1	EPA 6010C Certifications:	06/22/2017 09:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/27/2017 18:57	KML
7439-95-4	**Magnesium**	**37.3**		mg/L	0.056	1	EPA 6010C Certifications:	06/22/2017 09:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/27/2017 18:57	KML
7439-96-5	**Manganese**	**0.381**		mg/L	0.006	1	EPA 6010C Certifications:	06/22/2017 09:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/27/2017 18:57	KML
7440-02-0	Nickel	ND		mg/L	0.006	1	EPA 6010C Certifications:	06/22/2017 09:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/27/2017 18:57	KML
7440-09-7	**Potassium**	**10.3**		mg/L	0.056	1	EPA 6010C Certifications:	06/22/2017 09:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/27/2017 18:57	KML
7782-49-2	Selenium	ND		mg/L	0.011	1	EPA 6010C Certifications:	06/22/2017 09:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/27/2017 18:57	KML
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C Certifications:	06/22/2017 09:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/27/2017 18:57	KML
7440-23-5	**Sodium**	**56.3**	B	mg/L	0.111	1	EPA 6010C Certifications:	06/22/2017 09:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/27/2017 18:57	KML
7440-28-0	Thallium	ND		mg/L	0.006	1	EPA 6010C Certifications:	06/22/2017 09:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/27/2017 18:57	KML
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010C Certifications:	06/22/2017 09:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/27/2017 18:57	KML
7440-66-6	**Zinc**	**0.020**	B	mg/L	0.011	1	EPA 6010C Certifications:	06/22/2017 09:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/27/2017 18:57	KML

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

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	0.0002	1	EPA 7470 Certifications:	06/21/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 14:32	AA

Sample Information

Client Sample ID: CIM-MW-06 **York Sample ID:** 17F0627-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 1:10 pm	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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

Sample Information

Client Sample ID: **CIM-MW-06** **York Sample ID:** **17F0627-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 1:10 pm	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
67-64-1	**Acetone**	**1.2**	J, B	ug/L	1.0	2.0	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR

Sample Information

Client Sample ID: CIM-MW-06 **York Sample ID:** 17F0627-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 1:10 pm	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.58**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854	06/23/2017 06:49	SR
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	06/22/2017 14:25 NELAC-NY10854	06/23/2017 06:49	SR
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:25 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 06:49	SR

Sample Information

Client Sample ID: CIM-MW-06 **York Sample ID:** 17F0627-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 1:10 pm	06/15/2017

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

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:49	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:49	SR
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:49	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:49	SR
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:25	06/23/2017 06:49	SR
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/22/2017 14:25	06/23/2017 06:49	SR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*95.5 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*79-122*

Semi-Volatiles, EPA TCL List

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	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 20:52	ZZZ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/20/2017 08:58	06/28/2017 20:52	ZZZ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/20/2017 08:58	06/28/2017 20:52	ZZZ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/20/2017 08:58	06/28/2017 20:52	ZZZ
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 20:52	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 20:52	ZZZ
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 20:52	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 20:52	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 20:52	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 20:52	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 20:52	ZZZ
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 20:52	ZZZ

Sample Information

Client Sample ID: CIM-MW-06 **York Sample ID:** 17F0627-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 1:10 pm	06/15/2017

Semi-Volatiles, EPA TCL List

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
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:52	ZZZ
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:52	ZZZ
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:52	ZZZ
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:52	ZZZ
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:52	ZZZ
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:52	ZZZ
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:52	ZZZ
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:52	ZZZ
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:52	ZZZ
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:52	ZZZ
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:52	ZZZ
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:52	ZZZ
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:52	ZZZ
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:52	ZZZ
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:52	ZZZ
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:03	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:03	SR
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:03	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:03	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:03	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:03	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:03	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:03	SR

Sample Information

Client Sample ID: CIM-MW-06 **York Sample ID:** 17F0627-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 1:10 pm	06/15/2017

Semi-Volatiles, EPA TCL List

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
65-85-0	Benzoic acid	ND		ug/L	26.3	52.6	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 20:52	ZZZ
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 20:52	ZZZ
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 20:52	ZZZ
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 20:52	ZZZ
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 20:52	ZZZ
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 20:52	ZZZ
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.968**		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/22/2017 22:03	SR
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/22/2017 22:03	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/22/2017 22:03	SR
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 20:52	ZZZ
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 20:52	ZZZ
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 20:52	ZZZ
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 20:52	ZZZ
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 20:52	ZZZ
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/22/2017 22:03	SR
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/22/2017 22:03	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/22/2017 22:03	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/22/2017 22:03	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 20:52	ZZZ
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/22/2017 22:03	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/22/2017 22:03	SR
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 20:52	ZZZ
91-20-3	Naphthalene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/22/2017 22:03	SR

Sample Information

Client Sample ID: CIM-MW-06 **York Sample ID:** 17F0627-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 1:10 pm	06/15/2017

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:03	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:52	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:52	ZZZ
87-86-5	Pentachlorophenol	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:03	SR
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:03	SR
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 20:52	ZZZ
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:03	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*27.7 %*	*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*14.5 %*	*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*58.5 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*52.8 %*	*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*69.3 %*	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*55.2 %*	*15-106*

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	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:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:31	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:31	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:31	SA
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:31	SA
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:31	SA
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:31	SA
57-74-9	Chlordane, total	ND		ug/L	0.0211	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:31	SA
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:31	SA
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:31	SA

Sample Information

Client Sample ID: CIM-MW-06 **York Sample ID:** 17F0627-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 1:10 pm	06/15/2017

Pesticides, EPA TCL 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	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:31	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:31	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:31	SA
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:31	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:31	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:31	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:31	SA
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:31	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:31	SA
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:31	SA
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 20:31	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.2 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.4 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	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:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 20:20	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A Certifications:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 20:20	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A Certifications:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 20:20	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A Certifications:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 20:20	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A Certifications:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 20:20	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A Certifications:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 20:20	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A Certifications:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 20:20	SA

Sample Information

Client Sample ID: CIM-MW-06 **York Sample ID:** 17F0627-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 1:10 pm	06/15/2017

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:	06/20/2017 08:49	06/21/2017 20:20	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:02	KML
7440-36-0	Antimony	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:02	KML
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:02	KML
7440-39-3	**Barium**	**0.229**		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:02	KML
7440-41-7	Beryllium	ND		mg/L	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:02	KML
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:02	KML
7440-70-2	**Calcium**	**97.5**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:02	KML
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:02	KML
7440-48-4	Cobalt	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:02	KML
7440-50-8	**Copper**	**0.008**		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:02	KML
7439-89-6	**Iron**	**0.666**		mg/L	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:02	KML
7439-92-1	**Lead**	**0.029**	B	mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:02	KML
7439-95-4	**Magnesium**	**35.0**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:02	KML
7439-96-5	**Manganese**	**0.229**		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:02	KML
7440-02-0	Nickel	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:02	KML
7440-09-7	**Potassium**	**3.60**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:02	KML
7782-49-2	Selenium	ND		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:02	KML

Sample Information

Client Sample ID: CIM-MW-06 **York Sample ID:** 17F0627-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 1:10 pm	06/15/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:02	KML
7440-23-5	**Sodium**	**36.2**	B	mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:02	KML
7440-28-0	Thallium	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:02	KML
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:02	KML
7440-66-6	**Zinc**	**0.047**	B	mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:02	KML

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

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	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 14:32	06/21/2017 14:32	AA

Sample Information

Client Sample ID: CIM-MW-10 **York Sample ID:** 17F0627-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 2:03 pm	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS

Sample Information

Client Sample ID: CIM-MW-10 **York Sample ID:** 17F0627-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 2:03 pm	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 NELAC-NY10854,NJDEP	06/23/2017 05:56	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 NELAC-NY10854,NJDEP	06/23/2017 05:56	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:56	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:56	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:56	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:56	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:56	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:56	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:56	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:56	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:56	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:56	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:56	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:56	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 NELAC-NY10854,NJDEP	06/23/2017 05:56	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:56	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:56	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:56	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:56	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:56	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:56	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:56	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 05:56	SS

Sample Information

Client Sample ID: CIM-MW-10 **York Sample ID:** 17F0627-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 2:03 pm	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**2.1**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/22/2017 14:21	06/23/2017 05:56	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/22/2017 14:21	06/23/2017 05:56	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/22/2017 14:21	06/23/2017 05:56	SS

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: CIM-MW-10 **York Sample ID:** 17F0627-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 2:03 pm	06/15/2017

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

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.9 %*			*69-130*						
2037-26-5	*Surrogate: Toluene-d8*	*94.9 %*			*81-117*						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*88.9 %*			*79-122*						

Semi-Volatiles, EPA TCL List

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	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,PADEP	06/28/2017 21:23	ZZZ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,PADEP	06/28/2017 21:23	ZZZ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,PADEP	06/28/2017 21:23	ZZZ
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ

Sample Information

Client Sample ID: CIM-MW-10 **York Sample ID:** 17F0627-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 2:03 pm	06/15/2017

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
83-32-9	**Acenaphthene**	**0.174**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:34	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:34	SR
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:34	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:34	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:34	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:34	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:34	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:34	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:34	SR

Sample Information

Client Sample ID: CIM-MW-10 **York Sample ID:** 17F0627-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 2:03 pm	06/15/2017

Semi-Volatiles, EPA TCL List

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
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:34	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:34	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:34	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:34	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:34	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:34	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:34	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:34	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:34	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:34	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:34	SR
85-01-8	**Phenanthrene**	**0.144**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:34	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:23	ZZZ
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 22:34	SR

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: CIM-MW-10 **York Sample ID:** 17F0627-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 2:03 pm	06/15/2017

Semi-Volatiles, EPA TCL List

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
367-12-4	*Surrogate: 2-Fluorophenol*	*34.7 %*			*12-64*						
4165-62-2	*Surrogate: Phenol-d5*	*17.9 %*			*10-82*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*61.8 %*			*12-96*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*53.1 %*			*16-84*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*72.1 %*			*15-104*						
1718-51-0	*Surrogate: Terphenyl-d14*	*50.9 %*			*15-106*						

Pesticides, EPA TCL List

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

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

CAS No.	Parameter	Result	Flag	Units	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	06/20/2017 08:49	06/20/2017 20:46	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:46	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:46	SA
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:46	SA
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:46	SA
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:46	SA
57-74-9	Chlordane, total	ND		ug/L	0.0211	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:46	SA
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:46	SA
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:46	SA
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:46	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:46	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:46	SA
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:46	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:46	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:46	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:46	SA
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:46	SA

Sample Information

Client Sample ID: CIM-MW-10 **York Sample ID:** 17F0627-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 2:03 pm	06/15/2017

Pesticides, EPA TCL 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
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:46	SA
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:46	SA
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 20:46	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.1 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	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	06/20/2017 08:49	06/21/2017 20:36	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 20:36	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 20:36	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 20:36	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 20:36	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 20:36	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 20:36	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A Certifications:	06/20/2017 08:49	06/21/2017 20:36	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:07	KML
7440-36-0	Antimony	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:07	KML

Sample Information

Client Sample ID: CIM-MW-10 **York Sample ID:** 17F0627-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 2:03 pm	06/15/2017

Metals, Target Analyte

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
7440-38-2	**Arsenic**	**0.007**		mg/L	0.004	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.188**		mg/L	0.011	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.001	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**92.9**		mg/L	0.056	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.003	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**16.1**		mg/L	0.022	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.003	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**25.4**		mg/L	0.056	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.871**		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**9.90**		mg/L	0.056	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.011	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**69.4**	B	mg/L	0.111	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.011	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

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

Sample Information

Client Sample ID: CIM-MW-10 **York Sample ID:** 17F0627-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 2:03 pm	06/15/2017

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

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	0.0002	1	EPA 7470	06/21/2017 14:32	06/21/2017 14:32	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CIM-MW-02 **York Sample ID:** 17F0627-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 2:55 pm	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:21	06/23/2017 06:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:21	06/23/2017 06:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:21	06/23/2017 06:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:21	06/23/2017 06:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:21	06/23/2017 06:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:21	06/23/2017 06:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:21	06/23/2017 06:36	SS
								Certifications:	NELAC-NY10854,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:21	06/23/2017 06:36	SS
								Certifications:	NELAC-NY10854,NJDEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C	06/22/2017 14:21	06/23/2017 06:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:21	06/23/2017 06:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:21	06/23/2017 06:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:21	06/23/2017 06:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:21	06/23/2017 06:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/22/2017 14:21	06/23/2017 06:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: CIM-MW-02 **York Sample ID:** 17F0627-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 2:55 pm	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
78-93-3	**2-Butanone**	**0.34**	SCAL-E, J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
67-64-1	**Acetone**	**6.2**	CCV-E, SCAL-E, ICV-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS

Sample Information

Client Sample ID: CIM-MW-02 **York Sample ID:** 17F0627-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 2:55 pm	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.83**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/22/2017 14:21	06/23/2017 06:36	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/22/2017 14:21	06/23/2017 06:36	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
108-88-3	**Toluene**	**0.40**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/22/2017 14:21	06/23/2017 06:36	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.8 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*94.8 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*79-122*

Semi-Volatiles, EPA TCL List

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	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 21:54	ZZZ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/20/2017 08:58	06/28/2017 21:54	ZZZ

Sample Information

Client Sample ID: CIM-MW-02 **York Sample ID:** 17F0627-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 2:55 pm	06/15/2017

Semi-Volatiles, EPA TCL List

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	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,PADEP	06/28/2017 21:54	ZZZ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,PADEP	06/28/2017 21:54	ZZZ
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ

Sample Information

Client Sample ID: CIM-MW-02 **York Sample ID:** 17F0627-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 2:55 pm	06/15/2017

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:18	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:18	SR
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:18	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:18	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:18	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:18	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:18	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:18	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:18	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:18	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:18	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ

Sample Information

Client Sample ID: CIM-MW-02 **York Sample ID:** 17F0627-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 2:55 pm	06/15/2017

Semi-Volatiles, EPA TCL List

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
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:18	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:18	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:18	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:18	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:18	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:18	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:18	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:18	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:18	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:18	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 21:54	ZZZ
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:18	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*32.4 %*	*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*17.9 %*	*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*57.7 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*49.7 %*	*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*62.7 %*	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*48.3 %*	*15-106*

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes: EXT-EM

Sample Information

Client Sample ID: CIM-MW-02 **York Sample ID:** 17F0627-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 2:55 pm	06/15/2017

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	06/20/2017 08:49	06/20/2017 21:01	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 21:01	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 21:01	SA
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 21:01	SA
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 21:01	SA
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 21:01	SA
57-74-9	Chlordane, total	ND		ug/L	0.0211	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 21:01	SA
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 21:01	SA
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 21:01	SA
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 21:01	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 21:01	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 21:01	SA
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 21:01	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 21:01	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 21:01	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 21:01	SA
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 21:01	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 21:01	SA
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 21:01	SA
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/20/2017 21:01	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*38.6 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: CIM-MW-02 **York Sample ID:** 17F0627-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 2:55 pm	06/15/2017

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	06/20/2017 08:49	06/21/2017 20:53	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 20:53	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 20:53	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 20:53	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 20:53	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 20:53	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 20:53	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A Certifications:	06/20/2017 08:49	06/21/2017 20:53	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:12	KML
7440-36-0	Antimony	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:12	KML
7440-38-2	**Arsenic**	**0.033**		mg/L	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:12	KML
7440-39-3	**Barium**	**0.280**		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:12	KML
7440-41-7	Beryllium	ND		mg/L	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:12	KML
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:12	KML
7440-70-2	**Calcium**	**140**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:12	KML
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:12	KML
7440-48-4	Cobalt	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:12	KML
7440-50-8	**Copper**	**0.003**		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:12	KML

Sample Information

Client Sample ID: CIM-MW-02 **York Sample ID:** 17F0627-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 2:55 pm	06/15/2017

Metals, Target Analyte **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
7439-89-6	**Iron**	**34.2**		mg/L	0.022	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.003	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**36.4**		mg/L	0.056	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**2.33**		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**5.00**		mg/L	0.056	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.011	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**52.1**	B	mg/L	0.111	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.012**	B	mg/L	0.011	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470

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	0.0002	1	EPA 7470	06/21/2017 14:32	06/21/2017 14:32	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CIM-MW-01 **York Sample ID:** 17F0627-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 3:44 pm	06/15/2017

Volatile Organics, 8260 - TCL/SOM (low level) **Log-in Notes:** **Sample Notes:**

Sample Information

Client Sample ID: **CIM-MW-01** **York Sample ID:** **17F0627-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 3:44 pm	06/15/2017

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	50	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
78-93-3	2-Butanone	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
591-78-6	2-Hexanone	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
67-64-1	Acetone	ND		ug/L	25	50	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
71-43-2	**Benzene**	**17**	SCAL-E	ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
74-97-5	Bromochloromethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
75-27-4	Bromodichloromethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
75-25-2	Bromoform	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
74-83-9	Bromomethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS

Sample Information

Client Sample ID: CIM-MW-01 **York Sample ID:** 17F0627-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 3:44 pm	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		ug/L	5.0	12	25	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 07:56	SS
56-23-5	Carbon tetrachloride	ND		ug/L	5.0	12	25	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 07:56	SS
108-90-7	Chlorobenzene	ND		ug/L	5.0	12	25	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 07:56	SS
75-00-3	Chloroethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 07:56	SS
67-66-3	Chloroform	ND		ug/L	5.0	12	25	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 07:56	SS
74-87-3	Chloromethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 07:56	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	5.0	12	25	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 07:56	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	5.0	12	25	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 07:56	SS
110-82-7	Cyclohexane	ND		ug/L	5.0	12	25	EPA 8260C Certifications:	06/22/2017 14:21 NELAC-NY10854,NJDEP	06/23/2017 07:56	SS
124-48-1	Dibromochloromethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 07:56	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications:	06/22/2017 14:21 NELAC-NY10854,NJDEP	06/23/2017 07:56	SS
100-41-4	**Ethyl Benzene**	**210**		ug/L	5.0	12	25	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 07:56	SS
98-82-8	**Isopropylbenzene**	**41**		ug/L	5.0	12	25	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 07:56	SS
79-20-9	Methyl acetate	ND		ug/L	5.0	50	25	EPA 8260C Certifications:	06/22/2017 14:21 NELAC-NY10854,NJDEP	06/23/2017 07:56	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	12	25	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 07:56	SS
108-87-2	**Methylcyclohexane**	**18**		ug/L	5.0	12	25	EPA 8260C Certifications:	06/22/2017 14:21 NELAC-NY10854,NJDEP	06/23/2017 07:56	SS
75-09-2	Methylene chloride	ND		ug/L	25	50	25	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 07:56	SS
95-47-6	o-Xylene	ND		ug/L	5.0	12	25	EPA 8260C Certifications:	06/22/2017 14:21 NELAC-NY10854	06/23/2017 07:56	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	12	25	25	EPA 8260C Certifications:	06/22/2017 14:21 NELAC-NY10854	06/23/2017 07:56	SS
100-42-5	Styrene	ND		ug/L	5.0	12	25	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 07:56	SS
127-18-4	Tetrachloroethylene	ND		ug/L	5.0	12	25	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 07:56	SS
108-88-3	Toluene	ND		ug/L	5.0	12	25	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 07:56	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	5.0	12	25	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 07:56	SS

Sample Information

Client Sample ID: CIM-MW-01 **York Sample ID:** 17F0627-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 3:44 pm	06/15/2017

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

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
79-01-6	Trichloroethylene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
75-01-4	Vinyl Chloride	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS
1330-20-7	* Xylenes, Total	ND		ug/L	15	38	25	EPA 8260C Certifications: CTDOH,NJDEP	06/22/2017 14:21	06/23/2017 07:56	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*95.2 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*94.9 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*79-122*

Semi-Volatiles, EPA TCL List

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	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 16:11	ZZZ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/20/2017 08:58	06/28/2017 16:11	ZZZ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/20/2017 08:58	06/28/2017 16:11	ZZZ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/20/2017 08:58	06/28/2017 16:11	ZZZ
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 16:11	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 16:11	ZZZ
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 16:11	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 16:11	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 16:11	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 16:11	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 16:11	ZZZ
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 16:11	ZZZ
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 16:11	ZZZ

Sample Information

Client Sample ID: CIM-MW-01 **York Sample ID:** 17F0627-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 3:44 pm	06/15/2017

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	**2-Methylnaphthalene**	**4.84**	J	ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 16:11	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 16:11	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 16:11	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 16:11	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 16:11	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 16:11	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 16:11	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 16:11	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 16:11	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 16:11	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 16:11	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 16:11	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 16:11	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/20/2017 08:58	06/28/2017 16:11	ZZZ
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.164**		ug/L	0.0513	0.0513	1	EPA 8270D	06/20/2017 08:58	06/23/2017 09:49	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.0718**		ug/L	0.0513	0.0513	1	EPA 8270D	06/20/2017 08:58	06/23/2017 09:49	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.0615**		ug/L	0.0513	0.0513	1	EPA 8270D	06/20/2017 08:58	06/23/2017 09:49	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	06/20/2017 08:58	06/23/2017 09:49	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	06/20/2017 08:58	06/23/2017 09:49	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	06/20/2017 08:58	06/23/2017 09:49	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	06/20/2017 08:58	06/23/2017 09:49	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	06/20/2017 08:58	06/23/2017 09:49	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D	06/20/2017 08:58	06/28/2017 16:11	ZZZ
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CIM-MW-01 **York Sample ID:** 17F0627-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 3:44 pm	06/15/2017

Semi-Volatiles, EPA TCL List

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
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,NJDEP,PADEP	06/28/2017 16:11	ZZZ
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 16:11	ZZZ
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 16:11	ZZZ
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 16:11	ZZZ
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 16:11	ZZZ
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:49	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:49	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:49	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 16:11	ZZZ
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 16:11	ZZZ
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 16:11	ZZZ
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 16:11	ZZZ
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 16:11	ZZZ
206-44-0	**Fluoranthene**	**0.0923**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:49	SR
86-73-7	**Fluorene**	**0.154**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:49	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:49	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:49	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 16:11	ZZZ
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:49	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:49	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 16:11	ZZZ
91-20-3	**Naphthalene**	**40.3**		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 16:11	ZZZ
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 09:49	SR

Sample Information

Client Sample ID: CIM-MW-01 **York Sample ID:** 17F0627-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 3:44 pm	06/15/2017

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 16:11	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 16:11	ZZZ
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/23/2017 09:49	SR
85-01-8	**Phenanthrene**	**0.154**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/23/2017 09:49	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 16:11	ZZZ
129-00-0	**Pyrene**	**0.0821**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/23/2017 09:49	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*36.5 %*	*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*19.0 %*	*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*64.6 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*55.6 %*	*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*82.0 %*	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*59.9 %*	*15-106*

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	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	06/20/2017 08:49	06/21/2017 10:46	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 10:46	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 10:46	SA
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 10:46	SA
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 10:46	SA
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 10:46	SA
57-74-9	Chlordane, total	ND		ug/L	0.0211	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 10:46	SA
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 10:46	SA
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 10:46	SA
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 10:46	SA

Sample Information

Client Sample ID: CIM-MW-01 **York Sample ID:** 17F0627-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 3:44 pm	06/15/2017

Pesticides, EPA TCL 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:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 10:46	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 10:46	SA
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 10:46	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 10:46	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 10:46	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 10:46	SA
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 10:46	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 10:46	SA
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 10:46	SA
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 10:46	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*45.8 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.0 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	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:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 21:09	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A Certifications:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 21:09	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A Certifications:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 21:09	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A Certifications:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 21:09	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A Certifications:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 21:09	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A Certifications:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 21:09	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A Certifications:	06/20/2017 08:49 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/21/2017 21:09	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A Certifications:	06/20/2017 08:49	06/21/2017 21:09	SA

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: CIM-MW-01 **York Sample ID:** 17F0627-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 3:44 pm	06/15/2017

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*	*56.0 %*			*30-120*					
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.0 %*			*30-120*					

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:18	KML
7440-36-0	**Antimony**	**0.007**	B	mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:18	KML
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:18	KML
7440-39-3	**Barium**	**0.139**		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:18	KML
7440-41-7	Beryllium	ND		mg/L	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:18	KML
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:18	KML
7440-70-2	**Calcium**	**163**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:18	KML
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:18	KML
7440-48-4	Cobalt	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:18	KML
7440-50-8	**Copper**	**0.004**		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:18	KML
7439-89-6	**Iron**	**5.65**		mg/L	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:18	KML
7439-92-1	Lead	ND		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:18	KML
7439-95-4	**Magnesium**	**24.8**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:18	KML
7439-96-5	**Manganese**	**3.73**		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:18	KML
7440-02-0	Nickel	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:18	KML
7440-09-7	**Potassium**	**4.25**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:18	KML
7782-49-2	Selenium	ND		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:18	KML
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:18	KML

Sample Information

Client Sample ID: CIM-MW-01 **York Sample ID:** 17F0627-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 3:44 pm	06/15/2017

Metals, Target Analyte

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**	**233**	B	mg/L	0.111	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.006	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.016**	B	mg/L	0.011	1	EPA 6010C	06/22/2017 09:30	06/27/2017 19:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

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	0.0002	1	EPA 7470	06/21/2017 14:32	06/21/2017 14:32	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CIM-MW-FD **York Sample ID:** 17F0627-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 12:00 am	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	5.0	12	25	EPA 8260C	06/22/2017 14:21	06/23/2017 07:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	12	25	EPA 8260C	06/22/2017 14:21	06/23/2017 07:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	5.0	12	25	EPA 8260C	06/22/2017 14:21	06/23/2017 07:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	5.0	12	25	EPA 8260C	06/22/2017 14:21	06/23/2017 07:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	5.0	12	25	EPA 8260C	06/22/2017 14:21	06/23/2017 07:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	5.0	12	25	EPA 8260C	06/22/2017 14:21	06/23/2017 07:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	5.0	12	25	EPA 8260C	06/22/2017 14:21	06/23/2017 07:16	SS
								Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: CIM-MW-FD

York Sample ID: 17F0627-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 12:00 am	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	50	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
78-93-3	2-Butanone	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
591-78-6	2-Hexanone	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
67-64-1	Acetone	ND		ug/L	25	50	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
71-43-2	**Benzene**	**16**	SCAL-E	ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
74-97-5	Bromochloromethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
75-27-4	Bromodichloromethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
75-25-2	Bromoform	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
74-83-9	Bromomethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
75-15-0	Carbon disulfide	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
56-23-5	Carbon tetrachloride	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
108-90-7	Chlorobenzene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
75-00-3	Chloroethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
67-66-3	Chloroform	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
74-87-3	Chloromethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS

Sample Information

Client Sample ID: CIM-MW-FD

York Sample ID: 17F0627-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 12:00 am	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
110-82-7	Cyclohexane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
124-48-1	Dibromochloromethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
100-41-4	**Ethyl Benzene**	**200**		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
98-82-8	**Isopropylbenzene**	**41**		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
79-20-9	Methyl acetate	ND		ug/L	5.0	50	25	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
108-87-2	**Methylcyclohexane**	**18**		ug/L	5.0	12	25	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
75-09-2	Methylene chloride	ND		ug/L	25	50	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
95-47-6	o-Xylene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: NELAC-NY10854	06/22/2017 14:21	06/23/2017 07:16	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	12	25	25	EPA 8260C Certifications: NELAC-NY10854	06/22/2017 14:21	06/23/2017 07:16	SS
100-42-5	Styrene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
127-18-4	Tetrachloroethylene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
108-88-3	Toluene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
79-01-6	Trichloroethylene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
75-01-4	Vinyl Chloride	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS
1330-20-7	* Xylenes, Total	ND		ug/L	15	38	25	EPA 8260C Certifications: CTDOH,NJDEP	06/22/2017 14:21	06/23/2017 07:16	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.3 %*	*69-130*

Sample Information

Client Sample ID: CIM-MW-FD **York Sample ID:** 17F0627-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 12:00 am	06/15/2017

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

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: Toluene-d8*	*93.8 %*			*81-117*						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*			*79-122*						

Semi-Volatiles, EPA TCL List

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	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,PADEP	06/28/2017 22:26	ZZZ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,PADEP	06/28/2017 22:26	ZZZ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,PADEP	06/28/2017 22:26	ZZZ
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
91-57-6	**2-Methylnaphthalene**	**2.56**	J	ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ

Sample Information

Client Sample ID: CIM-MW-FD

York Sample ID: 17F0627-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 12:00 am	06/15/2017

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
83-32-9	**Acenaphthene**	**0.123**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:19	SR
208-96-8	**Acenaphthylene**	**0.0513**	J	ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:19	SR
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:19	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:19	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:19	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:19	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:19	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:19	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:19	SR

Sample Information

Client Sample ID: CIM-MW-FD

York Sample ID: 17F0627-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 12:00 am	06/15/2017

Semi-Volatiles, EPA TCL List

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
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:19	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:19	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
206-44-0	**Fluoranthene**	**0.0923**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:19	SR
86-73-7	**Fluorene**	**0.123**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:19	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:19	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:19	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:19	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:19	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
91-20-3	**Naphthalene**	**25.5**		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:19	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:19	SR
85-01-8	**Phenanthrene**	**0.113**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:19	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:26	ZZZ
129-00-0	**Pyrene**	**0.0821**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:19	SR

Sample Information

Client Sample ID: CIM-MW-FD

York Sample ID: 17F0627-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 12:00 am	06/15/2017

Semi-Volatiles, EPA TCL List

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
	Surrogate Recoveries	**Result**			**Acceptance Range**						
367-12-4	*Surrogate: 2-Fluorophenol*	*33.5 %*			*12-64*						
4165-62-2	*Surrogate: Phenol-d5*	*17.2 %*			*10-82*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*61.8 %*			*12-96*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*53.0 %*			*16-84*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*68.9 %*			*15-104*						
1718-51-0	*Surrogate: Terphenyl-d14*	*56.8 %*			*15-106*						

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	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:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 11:01	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 11:01	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 11:01	SA
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 11:01	SA
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 11:01	SA
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 11:01	SA
57-74-9	Chlordane, total	ND		ug/L	0.0211	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 11:01	SA
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 11:01	SA
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 11:01	SA
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 11:01	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 11:01	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 11:01	SA
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 11:01	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 11:01	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 11:01	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 11:01	SA

Sample Information

Client Sample ID: CIM-MW-FD **York Sample ID:** 17F0627-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 12:00 am	06/15/2017

Pesticides, EPA TCL 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
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 11:01	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 11:01	SA
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 11:01	SA
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 11:01	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.1 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.0 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	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	06/20/2017 08:49	06/21/2017 21:26	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 21:26	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 21:26	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 21:26	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 21:26	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 21:26	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 21:26	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A Certifications:	06/20/2017 08:49	06/21/2017 21:26	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:49	KML

Sample Information

Client Sample ID: CIM-MW-FD

York Sample ID: 17F0627-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 12:00 am	06/15/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:49	KML
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:49	KML
7440-39-3	**Barium**	**0.141**		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:49	KML
7440-41-7	Beryllium	ND		mg/L	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:49	KML
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:49	KML
7440-70-2	**Calcium**	**165**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:49	KML
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:49	KML
7440-48-4	Cobalt	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:49	KML
7440-50-8	**Copper**	**0.004**		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:49	KML
7439-89-6	**Iron**	**5.61**		mg/L	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:49	KML
7439-92-1	Lead	ND		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:49	KML
7439-95-4	**Magnesium**	**25.0**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:49	KML
7439-96-5	**Manganese**	**3.77**		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:49	KML
7440-02-0	Nickel	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:49	KML
7440-09-7	**Potassium**	**4.31**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:49	KML
7782-49-2	Selenium	ND		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:49	KML
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:49	KML
7440-23-5	**Sodium**	**238**	B	mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:49	KML
7440-28-0	Thallium	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:49	KML
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:49	KML
7440-66-6	**Zinc**	**0.014**	B	mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:49	KML

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: CIM-MW-FD **York Sample ID:** 17F0627-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 12:00 am	06/15/2017

Sample Prepared by Method: EPA SW846-7470

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	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 14:32	06/21/2017 14:32	AA

Sample Information

Client Sample ID: CIM-MW-EB **York Sample ID:** 17F0627-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 4:35 pm	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS

Sample Information

Client Sample ID: CIM-MW-EB

York Sample ID: 17F0627-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 4:35 pm	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**1.1**	SCAL-E	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
67-64-1	**Acetone**	**3.5**	CCV-E, SCAL-E, ICV-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS

Sample Information

Client Sample ID: CIM-MW-EB

York Sample ID: 17F0627-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 4:35 pm	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
75-09-2	**Methylene chloride**	**1.1**	J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/22/2017 14:21	06/23/2017 03:17	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/22/2017 14:21	06/23/2017 03:17	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/22/2017 14:21	06/23/2017 03:17	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.7 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*95.9 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*79-122*

Semi-Volatiles, EPA TCL List

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	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 08:58	06/28/2017 22:58	ZZZ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/20/2017 08:58	06/28/2017 22:58	ZZZ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/20/2017 08:58	06/28/2017 22:58	ZZZ

Sample Information

Client Sample ID: CIM-MW-EB

York Sample ID: 17F0627-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 4:35 pm	06/15/2017

Semi-Volatiles, EPA TCL List

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	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,PADEP	06/28/2017 22:58	ZZZ
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ

Sample Information

Client Sample ID: CIM-MW-EB

York Sample ID: 17F0627-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 4:35 pm	06/15/2017

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:50	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:50	SR
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:50	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:50	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:50	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:50	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:50	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:50	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:50	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:50	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:50	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ

Sample Information

Client Sample ID: CIM-MW-EB **York Sample ID:** 17F0627-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 4:35 pm	06/15/2017

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:50	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:50	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:50	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:50	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:50	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:50	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:50	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:50	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:50	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:50	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2017 22:58	ZZZ
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/20/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2017 10:50	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*37.6 %*	*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*19.4 %*	*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*91.2 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*73.4 %*	*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*74.1 %*	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*54.5 %*	*15-106*

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes: EXT-EM

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

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

Sample Information

Client Sample ID: CIM-MW-EB **York Sample ID:** 17F0627-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 4:35 pm	06/15/2017

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 21:16	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 21:16	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 21:16	SA
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 21:16	SA
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 21:16	SA
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 21:16	SA
57-74-9	Chlordane, total	ND		ug/L	0.0200	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 21:16	SA
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 21:16	SA
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 21:16	SA
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 21:16	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 21:16	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 21:16	SA
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 21:16	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 21:16	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 21:16	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 21:16	SA
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 21:16	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 21:16	SA
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 21:16	SA
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications:	06/20/2017 08:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2017 21:16	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.1 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*33.0 %*	*30-120*

Sample Information

Client Sample ID: CIM-MW-EB **York Sample ID:** 17F0627-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 4:35 pm	06/15/2017

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	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 21:42	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 21:42	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 21:42	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 21:42	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 21:42	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 21:42	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/20/2017 08:49	06/21/2017 21:42	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	06/20/2017 08:49	06/21/2017 21:42	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*35.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:55	KML
7440-36-0	Antimony	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:55	KML
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:55	KML
7440-39-3	Barium	ND		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:55	KML
7440-41-7	Beryllium	ND		mg/L	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:55	KML
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:55	KML
7440-70-2	**Calcium**	**0.204**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:55	KML
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:55	KML
7440-48-4	Cobalt	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:55	KML
7440-50-8	Copper	ND		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:55	KML

Sample Information

Client Sample ID: CIM-MW-EB **York Sample ID:** 17F0627-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 4:35 pm	06/15/2017

Metals, Target Analyte

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
7439-89-6	Iron	ND		mg/L	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:55	KML
7439-92-1	Lead	ND		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:55	KML
7439-95-4	Magnesium	ND		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:55	KML
7439-96-5	**Manganese**	**0.007**		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:55	KML
7440-02-0	Nickel	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:55	KML
7440-09-7	Potassium	ND		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:55	KML
7782-49-2	Selenium	ND		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:55	KML
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:55	KML
7440-23-5	**Sodium**	**0.350**	B	mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:55	KML
7440-28-0	Thallium	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:55	KML
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:55	KML
7440-66-6	**Zinc**	**0.024**	B	mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/22/2017 09:30	06/27/2017 19:55	KML

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

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	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/21/2017 14:32	06/21/2017 14:32	AA

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 17F0627-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 4:35 pm	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **17F0627-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 4:35 pm	06/15/2017

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
78-93-3	**2-Butanone**	**1.5**	SCAL-E	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
67-64-1	**Acetone**	**4.8**	CCV-E, SCAL-E, ICV-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 17F0627-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 4:35 pm	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 03:57	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 03:57	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 03:57	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 03:57	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 03:57	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 03:57	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 03:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 03:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 03:57	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 NELAC-NY10854,NJDEP	06/23/2017 03:57	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 03:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 NELAC-NY10854,NJDEP	06/23/2017 03:57	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 03:57	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 03:57	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	06/22/2017 14:21 NELAC-NY10854,NJDEP	06/23/2017 03:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 03:57	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 NELAC-NY10854,NJDEP	06/23/2017 03:57	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 03:57	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 NELAC-NY10854	06/23/2017 03:57	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	06/22/2017 14:21 NELAC-NY10854	06/23/2017 03:57	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 03:57	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 03:57	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2017 14:21 CTDOH,NELAC-NY10854,NJDEP	06/23/2017 03:57	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **17F0627-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0627	41548.00 Task 0400 Consolidated Iron	Water	June 14, 2017 4:35 pm	06/15/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/22/2017 14:21	06/23/2017 03:57	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.8 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*96.1 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*79-122*

Analytical Batch Summary

Batch ID: BF71019 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
17F0627-01	CIM-MW-09	06/20/17
17F0627-01	CIM-MW-09	06/20/17
17F0627-02	CIM-MW-03	06/20/17
17F0627-02	CIM-MW-03	06/20/17
17F0627-03	CIM-MW-07	06/20/17
17F0627-03	CIM-MW-07	06/20/17
17F0627-04	CIM-MW-08	06/20/17
17F0627-04	CIM-MW-08	06/20/17
17F0627-05	CIM-MW-04	06/20/17
17F0627-05	CIM-MW-04	06/20/17
17F0627-06	CIM-MW-05	06/20/17
17F0627-06	CIM-MW-05	06/20/17
17F0627-07	CIM-MW-06	06/20/17
17F0627-07	CIM-MW-06	06/20/17
17F0627-08	CIM-MW-10	06/20/17
17F0627-08	CIM-MW-10	06/20/17
17F0627-09	CIM-MW-02	06/20/17
17F0627-09	CIM-MW-02	06/20/17
17F0627-10	CIM-MW-01	06/20/17
17F0627-10	CIM-MW-01	06/20/17
17F0627-11	CIM-MW-FD	06/20/17
17F0627-11	CIM-MW-FD	06/20/17
17F0627-12	CIM-MW-EB	06/20/17
17F0627-12	CIM-MW-EB	06/20/17
BF71019-BLK1	Blank	06/20/17
BF71019-BLK2	Blank	06/20/17
BF71019-BS1	LCS	06/20/17
BF71019-BS2	LCS	06/20/17
BF71019-BSD2	LCS Dup	06/20/17

Batch ID: BF71022 **Preparation Method:** EPA 3510C **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
17F0627-01	CIM-MW-09	06/20/17
17F0627-02	CIM-MW-03	06/20/17
17F0627-03	CIM-MW-07	06/20/17
17F0627-04	CIM-MW-08	06/20/17
17F0627-05	CIM-MW-04	06/20/17
17F0627-06	CIM-MW-05	06/20/17
17F0627-07	CIM-MW-06	06/20/17
17F0627-08	CIM-MW-10	06/20/17
17F0627-09	CIM-MW-02	06/20/17
17F0627-10	CIM-MW-01	06/20/17
17F0627-11	CIM-MW-FD	06/20/17
17F0627-12	CIM-MW-EB	06/20/17
BF71022-BLK1	Blank	06/20/17

BF71022-BLK2	Blank	06/20/17
BF71022-BS1	LCS	06/20/17
BF71022-BS2	LCS	06/20/17
BF71022-MS1	Matrix Spike	06/20/17
BF71022-MSD1	Matrix Spike Dup	06/20/17

Batch ID: BF71121 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
17F0627-01	CIM-MW-09	06/21/17
17F0627-02	CIM-MW-03	06/21/17
17F0627-03	CIM-MW-07	06/21/17
17F0627-04	CIM-MW-08	06/21/17
17F0627-05	CIM-MW-04	06/21/17
17F0627-06	CIM-MW-05	06/21/17
17F0627-07	CIM-MW-06	06/21/17
17F0627-08	CIM-MW-10	06/21/17
17F0627-09	CIM-MW-02	06/21/17
17F0627-10	CIM-MW-01	06/21/17
17F0627-11	CIM-MW-FD	06/21/17
17F0627-12	CIM-MW-EB	06/21/17
BF71121-BLK1	Blank	06/21/17
BF71121-BS1	LCS	06/21/17
BF71121-DUP1	Duplicate	06/21/17
BF71121-MS1	Matrix Spike	06/21/17

Batch ID: BF71162 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17F0627-01	CIM-MW-09	06/22/17
17F0627-02	CIM-MW-03	06/22/17
17F0627-03	CIM-MW-07	06/22/17
17F0627-04	CIM-MW-08	06/22/17
17F0627-05	CIM-MW-04	06/22/17
17F0627-06	CIM-MW-05	06/22/17
17F0627-07	CIM-MW-06	06/22/17
BF71162-BLK1	Blank	06/22/17
BF71162-BS1	LCS	06/22/17
BF71162-BSD1	LCS Dup	06/22/17

Batch ID: BF71175 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
17F0627-01	CIM-MW-09	06/22/17
17F0627-02	CIM-MW-03	06/22/17
17F0627-03	CIM-MW-07	06/22/17
17F0627-04	CIM-MW-08	06/22/17
17F0627-05	CIM-MW-04	06/22/17
17F0627-06	CIM-MW-05	06/22/17
17F0627-07	CIM-MW-06	06/22/17

17F0627-08	CIM-MW-10	06/22/17
17F0627-09	CIM-MW-02	06/22/17
17F0627-10	CIM-MW-01	06/22/17
17F0627-11	CIM-MW-FD	06/22/17
17F0627-12	CIM-MW-EB	06/22/17
BF71175-BLK1	Blank	06/22/17
BF71175-DUP1	Duplicate	06/22/17
BF71175-MS1	Matrix Spike	06/22/17
BF71175-SRM1	Reference	06/22/17

Batch ID: BF71198 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17F0627-08	CIM-MW-10	06/22/17
17F0627-09	CIM-MW-02	06/22/17
17F0627-10	CIM-MW-01	06/22/17
17F0627-11	CIM-MW-FD	06/22/17
17F0627-12	CIM-MW-EB	06/22/17
17F0627-13	Trip Blank	06/22/17
BF71198-BLK1	Blank	06/22/17
BF71198-BS1	LCS	06/22/17
BF71198-BSD1	LCS Dup	06/22/17
BF71198-MS1	Matrix Spike	06/22/17
BF71198-MSD1	Matrix Spike Dup	06/22/17

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 BF71162 - EPA 5030B											
Blank (BF71162-BLK1)											
1,1,1-Trichloroethane	ND	0.50	ug/L								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	0.47	0.50	"								
Acetone	1.3	2.0	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
Styrene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								

Prepared: 06/22/2017 Analyzed: 06/23/2017

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 BF71162 - EPA 5030B											
Blank (BF71162-BLK1)									Prepared: 06/22/2017 Analyzed: 06/23/2017		
Vinyl Chloride	ND	0.50	ug/L								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: Toluene-d8	*9.95*		*"*	*10.0*		*99.5*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.70*		*"*	*10.0*		*97.0*	*79-122*				
LCS (BF71162-BS1)									Prepared & Analyzed: 06/22/2017		
1,1,1-Trichloroethane	11		ug/L	10.0		110	78-136				
1,1,2,2-Tetrachloroethane	10		"	10.0		104	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		111	54-165				
1,1,2-Trichloroethane	10		"	10.0		103	82-123				
1,1-Dichloroethane	10		"	10.0		104	82-129				
1,1-Dichloroethylene	11		"	10.0		108	68-138				
1,2,3-Trichlorobenzene	11		"	10.0		110	76-136				
1,2,4-Trichlorobenzene	11		"	10.0		109	76-137				
1,2-Dibromo-3-chloropropane	11		"	10.0		113	45-147				
1,2-Dibromoethane	11		"	10.0		106	83-124				
1,2-Dichlorobenzene	11		"	10.0		108	79-123				
1,2-Dichloroethane	11		"	10.0		107	73-132				
1,2-Dichloropropane	10		"	10.0		105	78-126				
1,3-Dichlorobenzene	11		"	10.0		108	86-122				
1,4-Dichlorobenzene	10		"	10.0		105	85-124				
2-Butanone	10		"	10.0		103	49-152				
2-Hexanone	11		"	10.0		108	51-146				
4-Methyl-2-pentanone	10		"	10.0		102	57-145				
Acetone	8.5		"	10.0		84.9	14-150				
Benzene	10		"	10.0		104	85-126				
Bromochloromethane	11		"	10.0		109	77-128				
Bromodichloromethane	11		"	10.0		106	79-128				
Bromoform	11		"	10.0		108	78-133				
Bromomethane	14		"	10.0		139	43-168				
Carbon disulfide	10		"	10.0		103	68-146				
Carbon tetrachloride	11		"	10.0		106	77-141				
Chlorobenzene	11		"	10.0		106	88-120				
Chloroethane	9.5		"	10.0		95.3	65-136				
Chloroform	11		"	10.0		106	82-128				
Chloromethane	7.9		"	10.0		78.9	43-155				
cis-1,2-Dichloroethylene	10		"	10.0		104	83-129				
cis-1,3-Dichloropropylene	11		"	10.0		105	80-131				
Cyclohexane	11		"	10.0		107	63-149				
Dibromochloromethane	11		"	10.0		106	80-130				
Dichlorodifluoromethane	11		"	10.0		107	44-144				
Ethyl Benzene	11		"	10.0		107	80-131				
Isopropylbenzene	11		"	10.0		108	76-140				
Methyl acetate	11		"	10.0		110	51-139				
Methyl tert-butyl ether (MTBE)	10		"	10.0		102	76-135				
Methylcyclohexane	11		"	10.0		110	72-143				
Methylene chloride	11		"	10.0		108	55-137				
o-Xylene	11		"	10.0		107	78-130				
p- & m- Xylenes	21		"	20.0		107	77-133				
Styrene	11		"	10.0		106	67-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF71162 - EPA 5030B											
LCS (BF71162-BS1)							Prepared & Analyzed: 06/22/2017				
Tetrachloroethylene	11		ug/L	10.0		110	82-131				
Toluene	11		"	10.0		106	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		105	80-132				
trans-1,3-Dichloropropylene	10		"	10.0		104	78-131				
Trichloroethylene	10		"	10.0		102	82-128				
Trichlorofluoromethane	12		"	10.0		116	67-139				
Vinyl Chloride	12		"	10.0		122	58-145				
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.94*		*"*	*10.0*		*99.4*	*79-122*				
LCS Dup (BF71162-BSD1)							Prepared & Analyzed: 06/22/2017				
1,1,1-Trichloroethane	11		ug/L	10.0		106	78-136		4.27	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		102	76-129		1.36	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		106	54-165		4.24	30	
1,1,2-Trichloroethane	10		"	10.0		105	82-123		1.35	30	
1,1-Dichloroethane	10		"	10.0		103	82-129		1.45	30	
1,1-Dichloroethylene	11		"	10.0		105	68-138		2.81	30	
1,2,3-Trichlorobenzene	11		"	10.0		108	76-136		2.47	30	
1,2,4-Trichlorobenzene	11		"	10.0		112	76-137		2.08	30	
1,2-Dibromo-3-chloropropane	12		"	10.0		119	45-147		5.61	30	
1,2-Dibromoethane	10		"	10.0		103	83-124		2.30	30	
1,2-Dichlorobenzene	10		"	10.0		105	79-123		2.73	30	
1,2-Dichloroethane	10		"	10.0		103	73-132		4.28	30	
1,2-Dichloropropane	10		"	10.0		105	78-126		0.286	30	
1,3-Dichlorobenzene	11		"	10.0		108	86-122		0.279	30	
1,4-Dichlorobenzene	10		"	10.0		103	85-124		1.54	30	
2-Butanone	11		"	10.0		109	49-152		5.64	30	
2-Hexanone	11		"	10.0		106	51-146		2.34	30	
4-Methyl-2-pentanone	10		"	10.0		100	57-145		2.08	30	
Acetone	8.7		"	10.0		86.7	14-150		2.10	30	
Benzene	10		"	10.0		102	85-126		1.94	30	
Bromochloromethane	11		"	10.0		106	77-128		3.26	30	
Bromodichloromethane	11		"	10.0		107	79-128		1.31	30	
Bromoform	11		"	10.0		107	78-133		0.465	30	
Bromomethane	14		"	10.0		140	43-168		1.15	30	
Carbon disulfide	10		"	10.0		100	68-146		2.17	30	
Carbon tetrachloride	10		"	10.0		104	77-141		2.57	30	
Chlorobenzene	10		"	10.0		105	88-120		0.761	30	
Chloroethane	9.6		"	10.0		95.7	65-136		0.419	30	
Chloroform	10		"	10.0		104	82-128		1.61	30	
Chloromethane	11		"	10.0		106	43-155		29.1	30	
cis-1,2-Dichloroethylene	9.9		"	10.0		98.8	83-129		4.84	30	
cis-1,3-Dichloropropylene	10		"	10.0		103	80-131		2.41	30	
Cyclohexane	10		"	10.0		105	63-149		2.26	30	
Dibromochloromethane	11		"	10.0		108	80-130		2.05	30	
Dichlorodifluoromethane	10		"	10.0		104	44-144		3.51	30	
Ethyl Benzene	11		"	10.0		109	80-131		1.95	30	
Isopropylbenzene	11		"	10.0		108	76-140		0.371	30	
Methyl acetate	11		"	10.0		105	51-139		4.46	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		101	76-135		0.494	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 BF71162 - EPA 5030B											
LCS Dup (BF71162-BSD1)								Prepared & Analyzed: 06/22/2017			
Methylcyclohexane	11		ug/L	10.0		108	72-143		1.65	30	
Methylene chloride	9.9		"	10.0		98.6	55-137		8.91	30	
o-Xylene	11		"	10.0		107	78-130		0.187	30	
p- & m- Xylenes	21		"	20.0		107	77-133		0.701	30	
Styrene	11		"	10.0		107	67-132		1.04	30	
Tetrachloroethylene	11		"	10.0		108	82-131		2.11	30	
Toluene	11		"	10.0		107	80-127		0.943	30	
trans-1,2-Dichloroethylene	11		"	10.0		105	80-132		0.00	30	
trans-1,3-Dichloropropylene	10		"	10.0		101	78-131		3.03	30	
Trichloroethylene	11		"	10.0		110	82-128		7.17	30	
Trichlorofluoromethane	11		"	10.0		114	67-139		2.17	30	
Vinyl Chloride	12		"	10.0		120	58-145		1.65	30	
Surrogate: 1,2-Dichloroethane-d4	*9.96*		*"*	*10.0*		*99.6*	*69-130*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
Batch BF71198 - EPA 5030B											
Blank (BF71198-BLK1)								Prepared: 06/22/2017 Analyzed: 06/23/2017			
1,1,1-Trichloroethane	ND	0.50	ug/L								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.36	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								

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 BF71198 - EPA 5030B											
Blank (BF71198-BLK1)								Prepared: 06/22/2017 Analyzed: 06/23/2017			
Cyclohexane	ND	0.50	ug/L								
Dibromochloromethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	2.0	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
Styrene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.90*		*"*	*10.0*		*99.0*	*69-130*				
Surrogate: Toluene-d8	*9.77*		*"*	*10.0*		*97.7*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*79-122*				
LCS (BF71198-BS1)								Prepared & Analyzed: 06/22/2017			
1,1,1-Trichloroethane	11		ug/L	10.0		115	78-136				
1,1,2,2-Tetrachloroethane	10		"	10.0		104	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		102	54-165				
1,1,2-Trichloroethane	10		"	10.0		105	82-123				
1,1-Dichloroethane	11		"	10.0		110	82-129				
1,1-Dichloroethylene	9.1		"	10.0		90.8	68-138				
1,2,3-Trichlorobenzene	18		"	10.0		179	76-136	High Bias			
1,2,4-Trichlorobenzene	15		"	10.0		151	76-137	High Bias			
1,2-Dibromo-3-chloropropane	11		"	10.0		114	45-147				
1,2-Dibromoethane	10		"	10.0		104	83-124				
1,2-Dichlorobenzene	10		"	10.0		105	79-123				
1,2-Dichloroethane	9.9		"	10.0		99.0	73-132				
1,2-Dichloropropane	10		"	10.0		102	78-126				
1,3-Dichlorobenzene	11		"	10.0		110	86-122				
1,4-Dichlorobenzene	11		"	10.0		108	85-124				
2-Butanone	8.2		"	10.0		82.3	49-152				
2-Hexanone	8.8		"	10.0		87.7	51-146				
4-Methyl-2-pentanone	9.0		"	10.0		90.3	57-145				
Acetone	4.8		"	10.0		47.6	14-150				
Benzene	11		"	10.0		108	85-126				
Bromochloromethane	10		"	10.0		102	77-128				
Bromodichloromethane	10		"	10.0		102	79-128				
Bromoform	11		"	10.0		106	78-133				
Bromomethane	3.4		"	10.0		34.5	43-168	Low Bias			
Carbon disulfide	9.4		"	10.0		93.7	68-146				
Carbon tetrachloride	12		"	10.0		116	77-141				

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 BF71198 - EPA 5030B											
LCS (BF71198-BS1)								Prepared & Analyzed: 06/22/2017			
Chlorobenzene	10		ug/L	10.0		104	88-120				
Chloroethane	9.2		"	10.0		91.9	65-136				
Chloroform	11		"	10.0		114	82-128				
Chloromethane	7.4		"	10.0		73.8	43-155				
cis-1,2-Dichloroethylene	11		"	10.0		113	83-129				
cis-1,3-Dichloropropylene	10		"	10.0		101	80-131				
Cyclohexane	13		"	10.0		130	63-149				
Dibromochloromethane	11		"	10.0		106	80-130				
Dichlorodifluoromethane	10		"	10.0		104	44-144				
Ethyl Benzene	10		"	10.0		102	80-131				
Isopropylbenzene	11		"	10.0		112	76-140				
Methyl acetate	11		"	10.0		107	51-139				
Methyl tert-butyl ether (MTBE)	11		"	10.0		108	76-135				
Methylcyclohexane	11		"	10.0		112	72-143				
Methylene chloride	10		"	10.0		103	55-137				
o-Xylene	10		"	10.0		100	78-130				
p- & m- Xylenes	19		"	20.0		93.8	77-133				
Styrene	10		"	10.0		100	67-132				
Tetrachloroethylene	11		"	10.0		114	82-131				
Toluene	9.8		"	10.0		97.6	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		111	80-132				
trans-1,3-Dichloropropylene	9.5		"	10.0		95.1	78-131				
Trichloroethylene	11		"	10.0		112	82-128				
Trichlorofluoromethane	9.4		"	10.0		94.5	67-139				
Vinyl Chloride	8.9		"	10.0		89.3	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.72*		*"*	*10.0*		*97.2*	*69-130*				
Surrogate: Toluene-d8	*9.42*		*"*	*10.0*		*94.2*	*81-117*				
Surrogate: 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 BF71198 - EPA 5030B											
LCS Dup (BF71198-BSD1)								Prepared & Analyzed: 06/22/2017			
1,1,1-Trichloroethane	11		ug/L	10.0		114	78-136		1.05	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		99.5	76-129		4.33	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		101	54-165		0.690	30	
1,1,2-Trichloroethane	10		"	10.0		104	82-123		0.287	30	
1,1-Dichloroethane	11		"	10.0		110	82-129		0.0910	30	
1,1-Dichloroethylene	9.0		"	10.0		89.9	68-138		0.996	30	
1,2,3-Trichlorobenzene	21		"	10.0		214	76-136	High Bias	17.5	30	
1,2,4-Trichlorobenzene	17		"	10.0		167	76-137	High Bias	10.3	30	
1,2-Dibromo-3-chloropropane	11		"	10.0		114	45-147		0.350	30	
1,2-Dibromoethane	11		"	10.0		108	83-124		3.02	30	
1,2-Dichlorobenzene	10		"	10.0		105	79-123		0.00	30	
1,2-Dichloroethane	9.8		"	10.0		97.6	73-132		1.42	30	
1,2-Dichloropropane	10		"	10.0		105	78-126		2.80	30	
1,3-Dichlorobenzene	11		"	10.0		108	86-122		2.01	30	
1,4-Dichlorobenzene	11		"	10.0		109	85-124		0.827	30	
2-Butanone	8.1		"	10.0		80.6	49-152		2.09	30	
2-Hexanone	8.5		"	10.0		85.1	51-146		3.01	30	
4-Methyl-2-pentanone	9.2		"	10.0		91.9	57-145		1.76	30	
Acetone	5.4		"	10.0		54.1	14-150		12.8	30	
Benzene	11		"	10.0		106	85-126		1.86	30	
Bromochloromethane	11		"	10.0		106	77-128		3.27	30	
Bromodichloromethane	11		"	10.0		107	79-128		5.18	30	
Bromoform	10		"	10.0		104	78-133		2.28	30	
Bromomethane	4.7		"	10.0		46.8	43-168		30.3	30	Non-dir.
Carbon disulfide	9.5		"	10.0		95.3	68-146		1.69	30	
Carbon tetrachloride	11		"	10.0		114	77-141		2.09	30	
Chlorobenzene	11		"	10.0		106	88-120		1.52	30	
Chloroethane	9.1		"	10.0		91.2	65-136		0.765	30	
Chloroform	11		"	10.0		113	82-128		0.707	30	
Chloromethane	6.9		"	10.0		69.4	43-155		6.15	30	
cis-1,2-Dichloroethylene	11		"	10.0		113	83-129		0.354	30	
cis-1,3-Dichloropropylene	10		"	10.0		105	80-131		4.28	30	
Cyclohexane	12		"	10.0		118	63-149		9.94	30	
Dibromochloromethane	11		"	10.0		107	80-130		1.51	30	
Dichlorodifluoromethane	9.8		"	10.0		98.2	44-144		5.93	30	
Ethyl Benzene	10		"	10.0		104	80-131		1.55	30	
Isopropylbenzene	11		"	10.0		111	76-140		0.628	30	
Methyl acetate	9.9		"	10.0		99.0	51-139		8.05	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		104	76-135		3.11	30	
Methylcyclohexane	12		"	10.0		115	72-143		3.35	30	
Methylene chloride	10		"	10.0		100	55-137		2.17	30	
o-Xylene	10		"	10.0		102	78-130		1.88	30	
p- & m- Xylenes	19		"	20.0		96.7	77-133		3.10	30	
Styrene	10		"	10.0		101	67-132		1.09	30	
Tetrachloroethylene	12		"	10.0		122	82-131		6.79	30	
Toluene	10		"	10.0		101	80-127		3.32	30	
trans-1,2-Dichloroethylene	11		"	10.0		110	80-132		0.723	30	
trans-1,3-Dichloropropylene	9.7		"	10.0		97.2	78-131		2.18	30	
Trichloroethylene	12		"	10.0		116	82-128		3.94	30	
Trichlorofluoromethane	9.6		"	10.0		95.6	67-139		1.16	30	
Vinyl Chloride	8.9		"	10.0		88.9	58-145		0.449	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 BF71198 - EPA 5030B											
LCS Dup (BF71198-BSD1)								Prepared & Analyzed: 06/22/2017			
Surrogate: 1,2-Dichloroethane-d4	*9.90*		*ug/L*	*10.0*		*99.0*	*69-130*				
Surrogate: Toluene-d8	*9.60*		*"*	*10.0*		*96.0*	*81-117*				
Surrogate: p-Bromofluorobenzene	*11.0*		*"*	*10.0*		*110*	*79-122*				
Matrix Spike (BF71198-MS1)	*Source sample: 17F0627-10 (CIM-MW-01)							Prepared: 06/22/2017 Analyzed: 06/23/2017			
1,1,1-Trichloroethane	12		ug/L	10.0	ND	121	70-146				
1,1,2,2-Tetrachloroethane	9.6		"	10.0	ND	95.6	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.7		"	10.0	ND	96.6	21-217				
1,1,2-Trichloroethane	10		"	10.0	ND	104	59-146				
1,1-Dichloroethane	12		"	10.0	ND	116	54-146				
1,1-Dichloroethylene	9.8		"	10.0	ND	98.1	44-165				
1,2,3-Trichlorobenzene	6.7		"	10.0	ND	67.1	40-161				
1,2,4-Trichlorobenzene	9.4		"	10.0	ND	94.2	41-161				
1,2-Dibromo-3-chloropropane	8.9		"	10.0	ND	89.2	31-151				
1,2-Dibromoethane	11		"	10.0	ND	106	75-125				
1,2-Dichlorobenzene	9.6		"	10.0	ND	96.4	63-122				
1,2-Dichloroethane	9.8		"	10.0	ND	98.3	68-131				
1,2-Dichloropropane	10		"	10.0	ND	104	77-121				
1,3-Dichlorobenzene	10		"	10.0	ND	101	74-119				
1,4-Dichlorobenzene	10		"	10.0	ND	101	70-124				
2-Butanone	8.4		"	10.0	ND	83.8	10-193				
2-Hexanone	9.2		"	10.0	ND	91.5	53-133				
4-Methyl-2-pentanone	9.2		"	10.0	ND	92.1	38-150				
Acetone	9.1		"	10.0	ND	90.9	13-149				
Benzene	12		"	10.0	17	NR	38-155	Low Bias			
Bromochloromethane	10		"	10.0	ND	104	75-121				
Bromodichloromethane	10		"	10.0	ND	104	70-129				
Bromoform	9.8		"	10.0	ND	97.5	66-136				
Bromomethane	3.3		"	10.0	ND	32.8	30-158				
Carbon disulfide	9.5		"	10.0	ND	95.3	10-138				
Carbon tetrachloride	12		"	10.0	ND	123	71-146				
Chlorobenzene	10		"	10.0	ND	104	81-117				
Chloroethane	9.2		"	10.0	ND	92.3	51-145				
Chloroform	12		"	10.0	ND	118	80-124				
Chloromethane	6.6		"	10.0	ND	65.9	16-163				
cis-1,2-Dichloroethylene	12		"	10.0	ND	121	76-125				
cis-1,3-Dichloropropylene	9.5		"	10.0	ND	95.3	58-131				
Cyclohexane	14		"	10.0	ND	136	70-130	High Bias			
Dibromochloromethane	11		"	10.0	ND	106	71-129				
Dichlorodifluoromethane	8.2		"	10.0	ND	82.4	30-147				
Ethyl Benzene	16		"	10.0	210	NR	72-128	Low Bias			
Isopropylbenzene	12		"	10.0	41	NR	66-139	Low Bias			
Methyl acetate	9.7		"	10.0	ND	96.6	10-200				
Methyl tert-butyl ether (MTBE)	11		"	10.0	ND	106	75-128				
Methylcyclohexane	11		"	10.0	18	NR	70-130	Low Bias			
Methylene chloride	11		"	10.0	ND	106	57-128				
o-Xylene	10		"	10.0	ND	100	69-126				
p- & m- Xylenes	19		"	20.0	7.2	59.4	67-130	Low Bias			
Styrene	9.8		"	10.0	ND	97.9	69-125				
Tetrachloroethylene	11		"	10.0	ND	113	64-139				
Toluene	10		"	10.0	ND	102	76-123				

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 BF71198 - EPA 5030B											
Matrix Spike (BF71198-MS1)	*Source sample: 17F0627-10 (CIM-MW-01)								Prepared: 06/22/2017 Analyzed: 06/23/2017		
trans-1,2-Dichloroethylene	12		ug/L	10.0	ND	116	79-131				
trans-1,3-Dichloropropylene	8.8		"	10.0	ND	87.7	55-130				
Trichloroethylene	12		"	10.0	ND	116	53-145				
Trichlorofluoromethane	9.6		"	10.0	ND	95.9	61-142				
Vinyl Chloride	8.9		"	10.0	ND	88.7	31-165				
Surrogate: 1,2-Dichloroethane-d4	*9.88*		*"*	*10.0*		*98.8*	*69-130*				
Surrogate: Toluene-d8	*9.47*		*"*	*10.0*		*94.7*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				
Matrix Spike Dup (BF71198-MSD1)	*Source sample: 17F0627-10 (CIM-MW-01)								Prepared: 06/22/2017 Analyzed: 06/23/2017		
1,1,1-Trichloroethane	13		ug/L	10.0	ND	126	70-146		4.06	30	
1,1,2,2-Tetrachloroethane	9.8		"	10.0	ND	97.8	74-121		2.28	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.9		"	10.0	ND	99.0	21-217		2.45	30	
1,1,2-Trichloroethane	10		"	10.0	ND	102	59-146		2.04	30	
1,1-Dichloroethane	12		"	10.0	ND	117	54-146		0.856	30	
1,1-Dichloroethylene	9.9		"	10.0	ND	98.9	44-165		0.812	30	
1,2,3-Trichlorobenzene	18		"	10.0	ND	183	40-161	High Bias	92.6	30	Non-dir.
1,2,4-Trichlorobenzene	16		"	10.0	ND	155	41-161		48.9	30	Non-dir.
1,2-Dibromo-3-chloropropane	11		"	10.0	ND	112	31-151		22.5	30	
1,2-Dibromoethane	10		"	10.0	ND	100	75-125		5.24	30	
1,2-Dichlorobenzene	11		"	10.0	ND	106	63-122		9.11	30	
1,2-Dichloroethane	9.9		"	10.0	ND	99.3	68-131		1.01	30	
1,2-Dichloropropane	10		"	10.0	ND	104	77-121		0.288	30	
1,3-Dichlorobenzene	11		"	10.0	ND	110	74-119		9.20	30	
1,4-Dichlorobenzene	11		"	10.0	ND	107	70-124		5.97	30	
2-Butanone	8.0		"	10.0	ND	79.6	10-193		5.14	30	
2-Hexanone	9.0		"	10.0	ND	89.5	53-133		2.21	30	
4-Methyl-2-pentanone	8.9		"	10.0	ND	88.7	38-150		3.76	30	
Acetone	9.3		"	10.0	ND	92.8	13-149			30	
Benzene	12		"	10.0	17	NR	38-155	Low Bias	0.170	30	
Bromochloromethane	10		"	10.0	ND	105	75-121		0.765	30	
Bromodichloromethane	10		"	10.0	ND	103	70-129		0.867	30	
Bromoform	10		"	10.0	ND	102	66-136		4.02	30	
Bromomethane	4.7		"	10.0	ND	46.8	30-158			30	
Carbon disulfide	10		"	10.0	ND	104	10-138		8.83	30	
Carbon tetrachloride	13		"	10.0	ND	128	71-146		4.23	30	
Chlorobenzene	11		"	10.0	ND	107	81-117		2.09	30	
Chloroethane	9.4		"	10.0	ND	94.4	51-145		2.25	30	
Chloroform	12		"	10.0	ND	118	80-124		0.509	30	
Chloromethane	7.0		"	10.0	ND	69.7	16-163		5.60	30	
cis-1,2-Dichloroethylene	12		"	10.0	ND	121	76-125		0.248	30	
cis-1,3-Dichloropropylene	9.5		"	10.0	ND	94.9	58-131		0.421	30	
Cyclohexane	15		"	10.0	ND	152	70-130	High Bias	10.6	30	
Dibromochloromethane	10		"	10.0	ND	102	71-129		3.84	30	
Dichlorodifluoromethane	8.2		"	10.0	ND	81.6	30-147		0.976	30	
Ethyl Benzene	16		"	10.0	210	NR	72-128	Low Bias	1.48	30	
Isopropylbenzene	12		"	10.0	41	NR	66-139	Low Bias	5.89	30	
Methyl acetate	10		"	10.0	ND	101	10-200		4.45	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0	ND	106	75-128		0.189	30	
Methylcyclohexane	12		"	10.0	18	NR	70-130	Low Bias	1.48	30	
Methylene chloride	11		"	10.0	ND	105	57-128			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 BF71198 - EPA 5030B											
Matrix Spike Dup (BF71198-MSD1)	*Source sample: 17F0627-10 (CIM-MW-01)								Prepared: 06/22/2017 Analyzed: 06/23/2017		
o-Xylene	10		ug/L	10.0	ND	102	69-126		1.49	30	
p- & m- Xylenes	20		"	20.0	7.2	62.0	67-130	Low Bias	2.78	30	
Styrene	10		"	10.0	ND	101	69-125		3.22	30	
Tetrachloroethylene	12		"	10.0	ND	116	64-139		2.19	30	
Toluene	10		"	10.0	ND	103	76-123		0.978	30	
trans-1,2-Dichloroethylene	12		"	10.0	ND	118	79-131		2.30	30	
trans-1,3-Dichloropropylene	8.7		"	10.0	ND	86.7	55-130		1.15	30	
Trichloroethylene	12		"	10.0	ND	118	53-145		1.88	30	
Trichlorofluoromethane	9.8		"	10.0	ND	98.3	61-142		2.47	30	
Vinyl Chloride	9.0		"	10.0	ND	89.9	31-165		1.34	30	
Surrogate: 1,2-Dichloroethane-d4	*9.77*		*"*	*10.0*		*97.7*	*69-130*				
Surrogate: Toluene-d8	*9.42*		*"*	*10.0*		*94.2*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF71022 - EPA 3510C											
Blank (BF71022-BLK1)											
Prepared: 06/20/2017 Analyzed: 06/23/2017											
1,2,4-Trichlorobenzene	ND	5.00	ug/L								
1,2-Dichlorobenzene	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	50.0	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
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	"								

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 BF71022 - EPA 3510C											
Blank (BF71022-BLK1)											Prepared: 06/20/2017 Analyzed: 06/23/2017
Hexachlorobenzene	ND	0.0200	ug/L								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Surrogate: 2-Fluorophenol	*26.3*		*"*	*76.8*		*34.3*	*12-64*				
Surrogate: Phenol-d5	*16.8*		*"*	*76.0*		*22.1*	*10-82*				
Surrogate: Nitrobenzene-d5	*31.7*		*"*	*53.4*		*59.4*	*12-96*				
Surrogate: 2-Fluorobiphenyl	*27.6*		*"*	*50.8*		*54.3*	*16-84*				
Surrogate: 2,4,6-Tribromophenol	*50.0*		*"*	*77.2*		*64.8*	*15-104*				
Surrogate: Terphenyl-d14	*26.7*		*"*	*50.2*		*53.1*	*15-106*				
Blank (BF71022-BLK2)											Prepared: 06/20/2017 Analyzed: 06/22/2017
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
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	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF71022 - EPA 3510C											
LCS (BF71022-BS1)								Prepared: 06/20/2017 Analyzed: 06/23/2017			
1,2,4-Trichlorobenzene	16.8	5.00	ug/L	25.0		67.2	35-91				
1,2-Dichlorobenzene	16.6	5.00	"	25.0		66.3	42-85				
1,3-Dichlorobenzene	16.1	5.00	"	25.0		64.6	45-80				
1,4-Dichlorobenzene	15.2	5.00	"	25.0		60.6	42-82				
2,4,5-Trichlorophenol	15.9	5.00	"	25.0		63.7	36-112				
2,4,6-Trichlorophenol	18.2	5.00	"	25.0		72.8	41-107				
2,4-Dichlorophenol	20.4	5.00	"	25.0		81.4	43-92				
2,4-Dimethylphenol	16.0	5.00	"	25.0		63.8	25-92				
2,4-Dinitrophenol	26.3	5.00	"	25.0		105	10-149				
2,4-Dinitrotoluene	20.4	5.00	"	25.0		81.7	41-114				
2,6-Dinitrotoluene	17.0	5.00	"	25.0		68.0	49-106				
2-Chloronaphthalene	16.2	5.00	"	25.0		64.7	40-96				
2-Chlorophenol	16.0	5.00	"	25.0		64.2	35-84				
2-Methylnaphthalene	20.3	5.00	"	25.0		81.0	33-101				
2-Methylphenol	11.9	5.00	"	25.0		47.8	10-90				
2-Nitroaniline	20.7	5.00	"	25.0		82.8	31-122				
2-Nitrophenol	21.8	5.00	"	25.0		87.4	37-97				
3- & 4-Methylphenols	11.8	5.00	"	25.0		47.4	10-101				
3,3-Dichlorobenzidine	16.3	5.00	"	25.0		65.0	25-155				
3-Nitroaniline	14.0	5.00	"	25.0		55.9	29-128				
4,6-Dinitro-2-methylphenol	19.3	5.00	"	25.0		77.2	10-135				
4-Bromophenyl phenyl ether	17.3	5.00	"	25.0		69.1	38-116				
4-Chloro-3-methylphenol	20.3	5.00	"	25.0		81.0	28-101				
4-Chloroaniline	14.6	5.00	"	25.0		58.3	10-154				
4-Chlorophenyl phenyl ether	16.7	5.00	"	25.0		66.7	34-112				
4-Nitroaniline	16.4	5.00	"	25.0		65.4	15-143				
4-Nitrophenol	9.94	5.00	"	25.0		39.8	10-112				
Acenaphthene	17.6	0.0500	"	25.0		70.4	24-114				
Acenaphthylene	16.4	0.0500	"	25.0		65.4	26-112				
Anthracene	16.0	0.0500	"	25.0		64.0	35-114				
Benzo(a)anthracene	18.7	0.0500	"	25.0		74.8	38-127				
Benzo(a)pyrene	19.4	0.0500	"	25.0		77.4	30-146				
Benzo(b)fluoranthene	20.0	0.0500	"	25.0		80.1	36-145				
Benzo(g,h,i)perylene	19.2	0.0500	"	25.0		76.9	10-163				
Benzo(k)fluoranthene	20.4	0.0500	"	25.0		81.4	16-149				
Benzoic acid	ND	50.0	"	25.0			30-130	Low Bias			
Benzyl alcohol	11.4	5.00	"	25.0		45.5	18-75				
Benzyl butyl phthalate	18.2	5.00	"	25.0		72.7	28-129				
Bis(2-chloroethoxy)methane	21.5	5.00	"	25.0		86.2	27-112				
Bis(2-chloroethyl)ether	18.1	5.00	"	25.0		72.5	24-114				
Bis(2-chloroisopropyl)ether	17.8	5.00	"	25.0		71.2	21-124				
Bis(2-ethylhexyl)phthalate	19.2	0.500	"	25.0		77.0	10-171				
Chrysene	17.5	0.0500	"	25.0		70.0	33-120				
Dibenzo(a,h)anthracene	18.6	0.0500	"	25.0		74.5	10-149				
Dibenzofuran	17.8	5.00	"	25.0		71.1	42-105				
Diethyl phthalate	18.0	5.00	"	25.0		72.1	38-112				
Dimethyl phthalate	17.9	5.00	"	25.0		71.5	49-106				
Di-n-butyl phthalate	17.7	5.00	"	25.0		70.7	36-110				
Di-n-octyl phthalate	20.5	5.00	"	25.0		82.0	12-149				
Fluoranthene	17.4	0.0500	"	25.0		69.5	33-126				
Fluorene	17.9	0.0500	"	25.0		71.6	28-117				

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 BF71022 - EPA 3510C											
LCS (BF71022-BS1)									Prepared: 06/20/2017 Analyzed: 06/23/2017		
Hexachlorobenzene	18.3	0.0200	ug/L	25.0		73.4	27-120				
Hexachlorobutadiene	18.4	0.500	"	25.0		73.7	25-106				
Hexachlorocyclopentadiene	7.27	5.00	"	25.0		29.1	10-99				
Hexachloroethane	15.0	0.500	"	25.0		60.1	33-84				
Indeno(1,2,3-cd)pyrene	18.3	0.0500	"	25.0		73.0	10-150				
Isophorone	19.0	5.00	"	25.0		76.1	29-115				
Naphthalene	15.6	0.0500	"	25.0		62.4	30-99				
Nitrobenzene	17.6	0.250	"	25.0		70.5	32-113				
N-nitroso-di-n-propylamine	17.0	5.00	"	25.0		68.1	36-118				
N-Nitrosodiphenylamine	18.4	5.00	"	25.0		73.4	27-145				
Pentachlorophenol	19.5	0.250	"	25.0		77.9	19-127				
Phenanthrene	18.0	0.0500	"	25.0		71.8	31-112				
Phenol	7.71	5.00	"	25.0		30.8	10-37				
Pyrene	18.1	0.0500	"	25.0		72.4	42-125				
Surrogate: 2-Fluorophenol	*30.2*		*"*	*76.8*		*39.4*	*12-64*				
Surrogate: Phenol-d5	*18.5*		*"*	*76.0*		*24.4*	*10-82*				
Surrogate: Nitrobenzene-d5	*35.0*		*"*	*53.4*		*65.4*	*12-96*				
Surrogate: 2-Fluorobiphenyl	*29.8*		*"*	*50.8*		*58.7*	*16-84*				
Surrogate: 2,4,6-Tribromophenol	*51.6*		*"*	*77.2*		*66.8*	*15-104*				
Surrogate: Terphenyl-d14	*26.1*		*"*	*50.2*		*51.9*	*15-106*				
LCS (BF71022-BS2)									Prepared: 06/20/2017 Analyzed: 06/22/2017		
Acenaphthene	0.760	0.0500	ug/L	1.00		76.0	24-114				
Acenaphthylene	0.740	0.0500	"	1.00		74.0	26-112				
Anthracene	0.800	0.0500	"	1.00		80.0	35-114				
Benzo(a)anthracene	0.890	0.0500	"	1.00		89.0	38-127				
Benzo(a)pyrene	0.950	0.0500	"	1.00		95.0	30-146				
Benzo(b)fluoranthene	0.840	0.0500	"	1.00		84.0	36-145				
Benzo(g,h,i)perylene	0.900	0.0500	"	1.00		90.0	10-163				
Benzo(k)fluoranthene	0.970	0.0500	"	1.00		97.0	16-149				
Bis(2-ethylhexyl)phthalate	ND	0.500	"				10-171				
Chrysene	0.840	0.0500	"	1.00		84.0	33-120				
Dibenzo(a,h)anthracene	0.920	0.0500	"	1.00		92.0	10-149				
Fluoranthene	0.980	0.0500	"	1.00		98.0	33-126				
Fluorene	0.860	0.0500	"	1.00		86.0	28-117				
Hexachlorobenzene	ND	0.0200	"				27-120				
Hexachlorobutadiene	ND	0.500	"				25-106				
Hexachloroethane	ND	0.500	"				33-84				
Indeno(1,2,3-cd)pyrene	0.940	0.0500	"	1.00		94.0	10-150				
Naphthalene	0.730	0.0500	"	1.00		73.0	30-99				
Nitrobenzene	ND	0.250	"				32-113				
Pentachlorophenol	ND	0.250	"				19-127				
Phenanthrene	0.760	0.0500	"	1.00		76.0	31-112				
Pyrene	0.900	0.0500	"	1.00		90.0	42-125				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BF71022 - EPA 3510C

Matrix Spike (BF71022-MS1) *Source sample: 17F0627-10 (CIM-MW-01) Prepared: 06/20/2017 Analyzed: 06/28/2017

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,2,4-Trichlorobenzene	14.6	5.13	ug/L	25.6	ND	57.0	31-92				
1,2-Dichlorobenzene	14.3	5.13	"	25.6	ND	55.6	31-91				
1,3-Dichlorobenzene	13.8	5.13	"	25.6	ND	53.7	24-93				
1,4-Dichlorobenzene	14.0	5.13	"	25.6	ND	54.6	26-95				
2,4,5-Trichlorophenol	18.9	5.13	"	25.6	ND	73.8	44-96				
2,4,6-Trichlorophenol	19.2	5.13	"	25.6	ND	74.8	39-107				
2,4-Dichlorophenol	19.5	5.13	"	25.6	ND	76.1	38-99				
2,4-Dimethylphenol	17.5	5.13	"	25.6	ND	68.1	10-116				
2,4-Dinitrophenol	27.2	5.13	"	25.6	ND	106	10-168				
2,4-Dinitrotoluene	20.2	5.13	"	25.6	ND	78.7	26-120				
2,6-Dinitrotoluene	19.4	5.13	"	25.6	ND	75.5	28-118				
2-Chloronaphthalene	14.3	5.13	"	25.6	ND	55.6	33-99				
2-Chlorophenol	15.3	5.13	"	25.6	ND	59.5	25-106				
2-Methylnaphthalene	21.5	5.13	"	25.6	4.84	65.1	29-102				
2-Methylphenol	12.7	5.13	"	25.6	ND	49.5	10-118				
2-Nitroaniline	17.6	5.13	"	25.6	ND	68.7	48-99				
2-Nitrophenol	19.2	5.13	"	25.6	ND	75.0	36-103				
3- & 4-Methylphenols	11.1	5.13	"	25.6	ND	43.3	10-102				
3,3-Dichlorobenzidine	4.52	5.13	"	25.6	ND	17.6	10-140				
3-Nitroaniline	13.9	5.13	"	25.6	ND	54.4	10-169				
4,6-Dinitro-2-methylphenol	23.1	5.13	"	25.6	ND	90.2	10-142				
4-Bromophenyl phenyl ether	16.5	5.13	"	25.6	ND	64.4	35-109				
4-Chloro-3-methylphenol	19.6	5.13	"	25.6	ND	76.5	20-117				
4-Chloroaniline	8.50	5.13	"	25.6	ND	33.2	24-116				
4-Chlorophenyl phenyl ether	15.8	5.13	"	25.6	ND	61.8	31-112				
4-Nitroaniline	15.2	5.13	"	25.6	ND	59.2	24-143				
4-Nitrophenol	17.2	5.13	"	25.6	ND	67.2	10-119				
Acenaphthene	15.9	0.0513	"	25.6	0.164	61.5	17-132				
Acenaphthylene	14.6	0.0513	"	25.6	0.0718	56.5	13-124				
Anthracene	17.5	0.0513	"	25.6	0.0615	67.9	40-105				
Benzo(a)anthracene	19.8	0.0513	"	25.6	ND	77.4	23-141				
Benzo(a)pyrene	19.5	0.0513	"	25.6	ND	76.0	46-118				
Benzo(b)fluoranthene	19.3	0.0513	"	25.6	ND	75.2	22-133				
Benzo(g,h,i)perylene	20.5	0.0513	"	25.6	ND	80.0	10-126				
Benzo(k)fluoranthene	18.2	0.0513	"	25.6	ND	71.0	18-152				
Benzoic acid	ND	51.3	"	25.6	ND		10-162	Low Bias			
Benzyl alcohol	9.86	5.13	"	25.6	ND	38.4	10-114				
Benzyl butyl phthalate	23.0	5.13	"	25.6	ND	89.8	31-121				
Bis(2-chloroethoxy)methane	19.2	5.13	"	25.6	ND	75.0	23-110				
Bis(2-chloroethyl)ether	15.7	5.13	"	25.6	ND	61.4	10-132				
Bis(2-chloroisopropyl)ether	17.9	5.13	"	25.6	ND	69.9	12-132				
Bis(2-ethylhexyl)phthalate	23.2	0.513	"	25.6	ND	90.5	14-131				
Chrysene	18.0	0.0513	"	25.6	ND	70.2	30-127				
Dibenzo(a,h)anthracene	20.2	0.0513	"	25.6	ND	78.6	10-131				
Dibenzofuran	14.7	5.13	"	25.6	ND	57.2	37-103				
Diethyl phthalate	17.2	5.13	"	25.6	ND	67.0	41-106				
Dimethyl phthalate	16.1	5.13	"	25.6	ND	62.7	38-105				
Di-n-butyl phthalate	18.9	5.13	"	25.6	ND	73.9	24-121				
Di-n-octyl phthalate	23.5	5.13	"	25.6	ND	91.6	25-141				
Fluoranthene	19.3	0.0513	"	25.6	0.0923	75.0	29-123				
Fluorene	16.3	0.0513	"	25.6	0.154	62.9	20-133				

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 BF71022 - EPA 3510C											
Matrix Spike (BF71022-MS1)	*Source sample: 17F0627-10 (CIM-MW-01)							Prepared: 06/20/2017 Analyzed: 06/28/2017			
Hexachlorobenzene	14.0	0.0205	ug/L	25.6	ND	54.6	24-120				
Hexachlorobutadiene	14.5	0.513	"	25.6	ND	56.6	26-98				
Hexachlorocyclopentadiene	19.1	5.13	"	25.6	ND	74.4	10-103				
Hexachloroethane	35.8	0.513	"	25.6	ND	139	11-102	High Bias			
Indeno(1,2,3-cd)pyrene	19.9	0.0513	"	25.6	ND	77.5	10-130				
Isophorone	17.2	5.13	"	25.6	ND	67.1	19-113				
Naphthalene	61.7	0.0513	"	25.6	40.3	83.6	26-104				
Nitrobenzene	17.4	0.256	"	25.6	ND	67.7	25-107				
N-nitroso-di-n-propylamine	15.9	5.13	"	25.6	ND	61.9	16-127				
N-Nitrosodiphenylamine	18.4	5.13	"	25.6	ND	71.9	46-116				
Pentachlorophenol	22.0	0.256	"	25.6	ND	85.6	10-181				
Phenanthrene	18.0	0.0513	"	25.6	0.154	69.7	29-121				
Phenol	6.90	5.13	"	25.6	ND	26.9	10-107				
Pyrene	19.5	0.0513	"	25.6	0.0821	75.6	34-129				
Surrogate: 2-Fluorophenol	*28.4*		*"*	*78.8*		*36.0*	*12-64*				
Surrogate: Phenol-d5	*15.8*		*"*	*77.9*		*20.3*	*10-82*				
Surrogate: Nitrobenzene-d5	*36.7*		*"*	*54.8*		*66.9*	*12-96*				
Surrogate: 2-Fluorobiphenyl	*31.2*		*"*	*52.1*		*59.9*	*16-84*				
Surrogate: 2,4,6-Tribromophenol	*70.1*		*"*	*79.2*		*88.5*	*15-104*				
Surrogate: Terphenyl-d14	*29.4*		*"*	*51.5*		*57.1*	*15-106*				
Matrix Spike Dup (BF71022-MSD1)	*Source sample: 17F0627-10 (CIM-MW-01)							Prepared: 06/20/2017 Analyzed: 06/28/2017			
1,2,4-Trichlorobenzene	15.9	5.26	ug/L	26.3	ND	60.4	31-92		8.52	20	
1,2-Dichlorobenzene	15.4	5.26	"	26.3	ND	58.4	31-91		7.58	20	
1,3-Dichlorobenzene	14.7	5.26	"	26.3	ND	55.8	24-93		6.54	20	
1,4-Dichlorobenzene	15.0	5.26	"	26.3	ND	56.9	26-95		6.76	20	
2,4,5-Trichlorophenol	20.4	5.26	"	26.3	ND	77.4	44-96		7.36	20	
2,4,6-Trichlorophenol	20.0	5.26	"	26.3	ND	76.2	39-107		4.45	20	
2,4-Dichlorophenol	20.0	5.26	"	26.3	ND	75.9	38-99		2.33	20	
2,4-Dimethylphenol	19.1	5.26	"	26.3	ND	72.6	10-116		8.91	20	
2,4-Dinitrophenol	23.5	5.26	"	26.3	ND	89.2	10-168		14.6	20	
2,4-Dinitrotoluene	21.1	5.26	"	26.3	ND	80.2	26-120		4.41	20	
2,6-Dinitrotoluene	20.3	5.26	"	26.3	ND	77.1	28-118		4.69	20	
2-Chloronaphthalene	15.1	5.26	"	26.3	ND	57.6	33-99		6.06	20	
2-Chlorophenol	17.1	5.26	"	26.3	ND	65.2	25-106		11.7	20	
2-Methylnaphthalene	23.3	5.26	"	26.3	4.84	70.2	29-102		7.92	20	
2-Methylphenol	14.5	5.26	"	26.3	ND	55.0	10-118		13.1	20	
2-Nitroaniline	18.4	5.26	"	26.3	ND	69.9	48-99		4.33	20	
2-Nitrophenol	20.7	5.26	"	26.3	ND	78.8	36-103		7.59	20	
3- & 4-Methylphenols	12.1	5.26	"	26.3	ND	45.8	10-102		8.25	20	
3,3-Dichlorobenzidine	3.85	5.26	"	26.3	ND	14.6	10-140		16.0	20	
3-Nitroaniline	13.9	5.26	"	26.3	ND	52.9	10-169		0.0871	20	
4,6-Dinitro-2-methylphenol	23.1	5.26	"	26.3	ND	87.9	10-142		0.00700	20	
4-Bromophenyl phenyl ether	17.1	5.26	"	26.3	ND	64.9	35-109		3.46	20	
4-Chloro-3-methylphenol	21.2	5.26	"	26.3	ND	80.4	20-117		7.59	20	
4-Chloroaniline	7.39	5.26	"	26.3	ND	28.1	24-116		14.0	20	
4-Chlorophenyl phenyl ether	16.8	5.26	"	26.3	ND	63.9	31-112		5.97	20	
4-Nitroaniline	18.7	5.26	"	26.3	ND	71.0	24-143		20.7	20	Non-dir.
4-Nitrophenol	17.4	5.26	"	26.3	ND	66.0	10-119		0.856	20	
Acenaphthene	17.4	0.0526	"	26.3	0.164	65.4	17-132		8.65	20	
Acenaphthylene	15.4	0.0526	"	26.3	0.0718	58.3	13-124		5.72	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF71022 - EPA 3510C											
Matrix Spike Dup (BF71022-MSD1)	*Source sample: 17F0627-10 (CIM-MW-01)								Prepared: 06/20/2017 Analyzed: 06/28/2017		
Anthracene	17.4	0.0526	ug/L	26.3	0.0615	65.9	40-105		0.322	20	
Benzo(a)anthracene	20.5	0.0526	"	26.3	ND	77.8	23-141		3.16	20	
Benzo(a)pyrene	20.2	0.0526	"	26.3	ND	76.8	46-118		3.64	20	
Benzo(b)fluoranthene	20.1	0.0526	"	26.3	ND	76.4	22-133		4.18	20	
Benzo(g,h,i)perylene	21.5	0.0526	"	26.3	ND	81.9	10-126		4.97	20	
Benzo(k)fluoranthene	19.2	0.0526	"	26.3	ND	72.8	18-152		5.04	20	
Benzoic acid	ND	52.6	"	26.3	ND		10-162	Low Bias		20	
Benzyl alcohol	9.78	5.26	"	26.3	ND	37.2	10-114		0.789	20	
Benzyl butyl phthalate	23.7	5.26	"	26.3	ND	90.0	31-121		2.91	20	
Bis(2-chloroethoxy)methane	20.7	5.26	"	26.3	ND	78.5	23-110		7.18	20	
Bis(2-chloroethyl)ether	17.1	5.26	"	26.3	ND	65.0	10-132		8.23	20	
Bis(2-chloroisopropyl)ether	19.5	5.26	"	26.3	ND	74.0	12-132		8.21	20	
Bis(2-ethylhexyl)phthalate	23.4	0.526	"	26.3	ND	89.0	14-131		0.904	20	
Chrysene	18.6	0.0526	"	26.3	ND	70.6	30-127		3.11	20	
Dibenzo(a,h)anthracene	21.0	0.0526	"	26.3	ND	79.9	10-131		4.16	20	
Dibenzofuran	15.8	5.26	"	26.3	ND	60.1	37-103		7.51	20	
Diethyl phthalate	17.4	5.26	"	26.3	ND	66.2	41-106		1.40	20	
Dimethyl phthalate	17.0	5.26	"	26.3	ND	64.6	38-105		5.61	20	
Di-n-butyl phthalate	19.3	5.26	"	26.3	ND	73.2	24-121		1.67	20	
Di-n-octyl phthalate	24.1	5.26	"	26.3	ND	91.5	25-141		2.51	20	
Fluoranthene	19.5	0.0526	"	26.3	0.0923	73.7	29-123		0.884	20	
Fluorene	17.0	0.0526	"	26.3	0.154	64.1	20-133		4.47	20	
Hexachlorobenzene	14.5	0.0211	"	26.3	ND	54.9	24-120		3.25	20	
Hexachlorobutadiene	15.5	0.526	"	26.3	ND	58.8	26-98		6.41	20	
Hexachlorocyclopentadiene	19.7	5.26	"	26.3	ND	74.8	10-103		3.08	20	
Hexachloroethane	38.8	0.526	"	26.3	ND	147	11-102	High Bias	8.14	20	
Indeno(1,2,3-cd)pyrene	20.5	0.0526	"	26.3	ND	78.0	10-130		3.27	20	
Isophorone	18.5	5.26	"	26.3	ND	70.3	19-113		7.31	20	
Naphthalene	67.6	0.0526	"	26.3	40.3	104	26-104		9.04	20	
Nitrobenzene	20.6	0.263	"	26.3	ND	78.4	25-107		17.1	20	
N-nitroso-di-n-propylamine	17.8	5.26	"	26.3	ND	67.6	16-127		11.4	20	
N-Nitrosodiphenylamine	19.7	5.26	"	26.3	ND	75.0	46-116		6.84	20	
Pentachlorophenol	23.7	0.263	"	26.3	ND	89.9	10-181		7.43	20	
Phenanthrene	18.2	0.0526	"	26.3	0.154	68.7	29-121		1.17	20	
Phenol	7.91	5.26	"	26.3	ND	30.0	10-107		13.5	20	
Pyrene	20.1	0.0526	"	26.3	0.0821	76.1	34-129		3.23	20	
Surrogate: 2-Fluorophenol	*33.7*		*"*	*80.8*		*41.7*	*12-64*				
Surrogate: Phenol-d5	*19.0*		*"*	*80.0*		*23.7*	*10-82*				
Surrogate: Nitrobenzene-d5	*41.5*		*"*	*56.2*		*73.8*	*12-96*				
Surrogate: 2-Fluorobiphenyl	*34.1*		*"*	*53.5*		*63.8*	*16-84*				
Surrogate: 2,4,6-Tribromophenol	*75.3*		*"*	*81.3*		*92.6*	*15-104*				
Surrogate: Terphenyl-d14	*31.7*		*"*	*52.8*		*60.0*	*15-106*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF71019 - EPA SW846-3510C Low Level											
Blank (BF71019-BLK1)									Prepared & Analyzed: 06/20/2017		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
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	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Tetrachloro-m-xylene	*0.0770*		*"*	*0.200*		*38.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.108*		*"*	*0.200*		*54.0*	*30-120*				
LCS (BF71019-BS1)									Prepared & Analyzed: 06/20/2017		
4,4'-DDD	0.115	0.00400	ug/L	0.100		115	40-120				
4,4'-DDE	0.116	0.00400	"	0.100		116	40-120				
4,4'-DDT	0.111	0.00400	"	0.100		111	40-120				
Aldrin	0.0960	0.00400	"	0.100		96.0	40-120				
alpha-BHC	0.105	0.00400	"	0.100		105	40-120				
beta-BHC	0.0990	0.00400	"	0.100		99.0	40-120				
delta-BHC	0.110	0.00400	"	0.100		110	40-120				
Dieldrin	0.0990	0.00200	"	0.100		99.0	40-120				
Endosulfan I	0.111	0.00400	"	0.100		111	40-120				
Endosulfan II	0.112	0.00400	"	0.100		112	40-120				
Endosulfan sulfate	0.113	0.00400	"	0.100		113	40-120				
Endrin	0.106	0.00400	"	0.100		106	40-120				
Endrin aldehyde	0.113	0.0100	"	0.100		113	40-120				
Endrin ketone	0.119	0.0100	"	0.100		119	40-120				
gamma-BHC (Lindane)	0.0978	0.00400	"	0.100		97.8	40-120				
Heptachlor	0.0857	0.00400	"	0.100		85.7	40-120				
Heptachlor epoxide	0.0914	0.00400	"	0.100		91.4	40-120				
Methoxychlor	0.116	0.00400	"	0.100		116	40-120				
Surrogate: Tetrachloro-m-xylene	*0.115*		*"*	*0.200*		*57.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.138*		*"*	*0.200*		*69.1*	*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
Batch BF71019 - EPA SW846-3510C Low Level											
Blank (BF71019-BLK2)									Prepared: 06/20/2017 Analyzed: 06/21/2017		
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	*0.163*		*"*	*0.200*		*81.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.149*		*"*	*0.200*		*74.5*	*30-120*				
LCS (BF71019-BS2)									Prepared: 06/20/2017 Analyzed: 06/21/2017		
Aroclor 1016	0.718	0.0500	ug/L	1.00		71.8	40-120				
Aroclor 1260	0.892	0.0500	"	1.00		89.2	40-120				
Surrogate: Tetrachloro-m-xylene	*0.105*		*"*	*0.200*		*52.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.107*		*"*	*0.200*		*53.5*	*30-120*				
LCS Dup (BF71019-BSD2)									Prepared: 06/20/2017 Analyzed: 06/21/2017		
Aroclor 1016	0.846	0.0500	ug/L	1.00		84.6	40-120		16.3	30	
Aroclor 1260	0.942	0.0500	"	1.00		94.2	40-120		5.45	30	
Surrogate: Tetrachloro-m-xylene	*0.115*		*"*	*0.200*		*57.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.111*		*"*	*0.200*		*55.5*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF71175 - EPA 3015A											
Blank (BF71175-BLK1)											Prepared: 06/22/2017 Analyzed: 06/27/2017
Aluminum	ND	0.056	mg/L								
Antimony	0.010	0.006	"								
Arsenic	ND	0.004	"								
Barium	ND	0.011	"								
Beryllium	ND	0.001	"								
Cadmium	ND	0.003	"								
Calcium	ND	0.056	"								
Chromium	ND	0.006	"								
Cobalt	ND	0.006	"								
Copper	ND	0.003	"								
Iron	ND	0.022	"								
Lead	0.005	0.003	"								
Magnesium	ND	0.056	"								
Manganese	ND	0.006	"								
Nickel	ND	0.006	"								
Potassium	ND	0.056	"								
Selenium	ND	0.011	"								
Silver	ND	0.006	"								
Sodium	0.731	0.111	"								
Thallium	ND	0.006	"								
Vanadium	ND	0.011	"								
Zinc	0.014	0.011	"								
Duplicate (BF71175-DUP1)	*Source sample: 17F0627-10 (CIM-MW-01)										Prepared: 06/22/2017 Analyzed: 06/27/2017
Aluminum	ND	0.056	mg/L		ND					20	
Antimony	ND	0.006	"		0.007					20	
Arsenic	ND	0.004	"		ND					20	
Barium	0.137	0.011	"		0.139				1.30	20	
Beryllium	ND	0.001	"		ND					20	
Cadmium	ND	0.003	"		ND					20	
Calcium	161	0.056	"		163				0.654	20	
Chromium	ND	0.006	"		ND					20	
Cobalt	ND	0.006	"		ND					20	
Copper	0.004	0.003	"		0.004				2.83	20	
Iron	5.54	0.022	"		5.65				1.92	20	
Lead	ND	0.003	"		ND					20	
Magnesium	24.6	0.056	"		24.8				0.864	20	
Manganese	3.74	0.006	"		3.73				0.252	20	
Nickel	ND	0.006	"		ND					20	
Potassium	4.22	0.056	"		4.25				0.826	20	
Selenium	ND	0.011	"		ND					20	
Silver	ND	0.006	"		ND					20	
Sodium	232	0.111	"		233				0.473	20	
Thallium	ND	0.006	"		ND					20	
Vanadium	ND	0.011	"		ND					20	
Zinc	0.016	0.011	"		0.016				0.0547	20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF71175 - EPA 3015A											
Matrix Spike (BF71175-MS1)	*Source sample: 17F0627-10 (CIM-MW-01)							Prepared: 06/22/2017 Analyzed: 06/27/2017			
Antimony	0.252	0.006	mg/L	0.278	0.007	88.5	75-125				
Arsenic	1.87	0.004	"	2.22	ND	84.0	75-125				
Barium	1.98	0.011	"	2.22	0.139	82.8	75-125				
Beryllium	0.045	0.001	"	0.0556	ND	81.6	75-125				
Cadmium	0.046	0.003	"	0.0556	ND	82.4	75-125				
Chromium	0.185	0.006	"	0.222	ND	83.3	75-125				
Cobalt	0.479	0.006	"	0.556	ND	86.3	75-125				
Copper	0.245	0.003	"	0.278	0.004	86.7	75-125				
Iron	6.13	0.022	"	1.11	5.65	44.0	75-125	Low Bias			
Lead	0.439	0.003	"	0.556	ND	79.0	75-125				
Manganese	3.92	0.006	"	0.556	3.73	34.4	75-125	Low Bias			
Nickel	0.487	0.006	"	0.556	ND	87.7	75-125				
Selenium	1.82	0.011	"	2.22	ND	81.7	75-125				
Silver	0.043	0.006	"	0.0556	ND	77.4	75-125				
Thallium	1.80	0.006	"	2.22	ND	80.9	75-125				
Vanadium	0.463	0.011	"	0.556	ND	83.3	75-125				
Zinc	0.474	0.011	"	0.556	0.016	82.3	75-125				
Reference (BF71175-SRM1)								Prepared: 06/22/2017 Analyzed: 06/27/2017			
Aluminum	0.874		ug/mL	0.889		98.3	81.4-117.2				
Antimony	0.264		"	0.260		101	76.9-119.2				
Arsenic	0.619		"	0.669		92.6	84.3-114.3				
Barium	0.530		"	0.570		93.1	85-115				
Beryllium	0.269		"	0.300		89.6	85-115				
Cadmium	0.692		"	0.779		88.8	84.9-115				
Calcium	112		"	126		88.8	86.5-114.3				
Chromium	0.242		"	0.260		93.2	85-115				
Cobalt	0.464		"	0.500		92.8	85-115				
Copper	0.415		"	0.420		98.9	85-115				
Iron	0.647		"	0.759		85.3	84.9-115				
Lead	0.124		"	0.140		88.4	85-115				
Magnesium	104		"	115		90.4	86.3-114.8				
Manganese	0.733		"	0.819		89.5	84.9-115				
Nickel	0.472		"	0.510		92.6	87-113.7				
Potassium	61.9		"	65.3		94.8	84.9-115				
Selenium	0.423		"	0.470		90.0	85.1-115.1				
Silver	0.468		"	0.510		91.8	85-115				
Sodium	142		"	161		88.0	85-115				
Thallium	0.581		"	0.659		88.2	82.8-115.4				
Vanadium	0.848		"	0.909		93.2	85-114.9				
Zinc	0.621		"	0.679		91.5	84.9-115				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF71121 - EPA SW846-7470											
Blank (BF71121-BLK1)									Prepared & Analyzed: 06/21/2017		
Mercury	ND	0.0002	mg/L								
LCS (BF71121-BS1)									Prepared & Analyzed: 06/21/2017		
Mercury	0.001879	0.0002	mg/L	0.00200		94.0	80-120				
Duplicate (BF71121-DUP1)	*Source sample: 17F0627-10 (CIM-MW-01)								Prepared & Analyzed: 06/21/2017		
Mercury	ND	0.0002	mg/L		ND					20	
Matrix Spike (BF71121-MS1)	*Source sample: 17F0627-10 (CIM-MW-01)								Prepared & Analyzed: 06/21/2017		
Mercury	0.0018	0.0002	mg/L	0.00200	ND	90.2	75-125				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17F0627-01	CIM-MW-09	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17F0627-02	CIM-MW-03	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17F0627-03	CIM-MW-07	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17F0627-04	CIM-MW-08	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17F0627-05	CIM-MW-04	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17F0627-06	CIM-MW-05	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17F0627-07	CIM-MW-06	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17F0627-08	CIM-MW-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17F0627-09	CIM-MW-02	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17F0627-10	CIM-MW-01	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17F0627-11	CIM-MW-FD	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17F0627-12	CIM-MW-EB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17F0627-13	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
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.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-LSRD	Original sample conc <50 X reporting limit.
M-HCSpk	Sample conc. >10 X spike conc.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

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*	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.

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FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 17F0627

YOUR Information
Company: The Chazen Companies
Address: 21 Fox Street
Poughkeepsie, NY 12601
Phone No. 845-454-3980
Contact Person: Will Olsen
E-Mail Address: wolse@chazencompanies.com

Report To:
Company: The Chazen Companies
Address:
Phone No.
Attention: Will Olsen & Kevin McGrath
E-Mail Address:

Invoice To:
Company: Chazen
Address:
Phone No.
Attention:
E-Mail Address: Accountspayable@chazencompanies.com

YOUR Project ID
41548.00
TASK 0400
Consolidated Iron

Purchase Order No.
P 18553

Samples from: CT ___ NY X NJ ___

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type
- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package X
- NY ASP B Package ___
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)
- Simple Excel X
- NYSDEC EQuIS X
- EQuIS (std) ___
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___

York Regulatory Comparison
Excel Spreadsheet X
Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

William G. Olsen
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
CIM-MW-09	6-13-17 13:05	GW	TCL VOCs, TCL SVOCs, TAL Metals, PCBs, Pesticides	3 x 40ml VOA, 3 x AMB, 1 x 250ml
CIM-MW-03	6-13-17 14:04	GW		
CIM-MW-07	6-13-17 15:04	GW		
CIM-MW-08	6-14-17 10:27	GW		
CIM-MW-04	6-14-17 11:13	GW		
CIM-MW-05	6-14-17 12:21	GW		
CIM-MW-06	6-14-17 13:10	GW		
CIM-MW-10	6-14-17 14:03	GW		
CIM-MW-02	6-14-17 14:55	GW		
CIM-MW-01	6-14-17 15:44	GW		

Comments
Sampler placed in secure refrigerator @ Chazen office. 18:00 - 6/14/17

Preservation Check those Applicable
4°C X Frozen X HCl ZnAc MeOH Ascorbic Acid HNO3 X H2SO4 NaOH Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		PQ Pace	6-15-17 1533

Temperature on Receipt 2.0 °C

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

Field Chain-of-Custody Record

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YOUR Project ID

41548.00
TASK 0400
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- Other ___
- **York Regulatory Comparison Excel Spreadsheet** X

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Name (printed)

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8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
CIM-MW-01-MS	6-14-17 15:44	GW	TCL VOCs, TCL SVOCs	3 x 40ml VOA; 2 x AMBER
CIM-MW-01-MSD	6-14-17 15:44	GW	" "	" "
CIM-FD	6-14-17 XX:XX	GW	TCL VOCs, TCL SVOCs, TAL Metals, PCBs, Pesticides	
CIM-EB	6-14-17 16:35	D.I.	" " " " "	
CIM-TB		D.I.	TCL VOCs	2 x 40ml VOA
TEMP BLANK				1 x 250ml

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Comments
Samples placed in secure Chazen fridgerator @ 19:00 on 6-14-17

Preservation Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C X Frozen ___ HCl X MeOH ___ HNO_3 X H_2SO_4 ___ NaOH ___
ZnAc Ascorbic Acid Other

Samples Relinquished By	6/14/17 18:00	Samples Received By	6-15-17 13:30
Samples Relinquished By	Date/Time	Samples Received in LAB by	A Grace 6-15-17 1533

Temperature on Receipt 2.0 °C