2022-2023 Monitoring Report and Periodic Review Report

Location:

Former Consolidated Iron and Metals Site
EPA Site No. NY0002455756
NYSDEC BCP Site No. 336055
1 Washington Street
City of Newburgh
Orange County, New York

Prepared for:

City of Newburgh
83 Broadway
Newburgh, New York 12550

LaBella Project No. 2231596

June 2023

LaBella
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1.0 EXECUTIVE SUMMARY

At the request of the City of Newburgh, LaBella Associates (LaBella) 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 seventh PRR prepared for the Site since completion of the Remedial Action Program.

The required sampling event was conducted in April 2023 in order to obtain data for analysis prior to the required reporting due date of June 15, 2023, which also accommodates the City's fiscal year for project budgeting.

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. During 2022-2023, the site has continued to be used passively as a mowed public access area and provides a location for a fenced sanitary sewer pumping station at the southwest corner.

1.1 Site History

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

The Site was historically used as a shipyard from the early 1900s through the 1940s and then for scrap metal collection and reclamation until 1999. The scrap metal operation resulted in the on-site accumulation of hazardous compounds that included volatile and semi-volatile organic compounds, polychlorinated biphenyls, and EPA Priority Pollutant metals.

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

A demarcation barrier-layer and protective clean soil cover system was placed across the site to restrict potential human contact with residually-impacted soils. Original soils remaining on site in areas where excavation was not required meets or is less than Restricted-Residential Use Soil Clean-up Objectives pf 6 NYCRR 375-6.8(b).

Residual groundwater impacts have remained 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 during the remedial investigations. There are no on-site buildings at this time. The potential for SVI to adversely impact off-site buildings was determined to be insignificant.

Based on the remedial work completed, the Site was reclassified in August 2014 from Class 2 to Class 4 in the New York State Registry of Inactive Hazardous Waste Sites. This indicates that remediation has been completed to the point where the site no longer poses an immediate threat to human health or the environment. 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 are 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 completed once annually.

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 are 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.

A visual assessment of ECs for the site was conducted by LaBella personnel on April 19, 2023 and is described in Section 2.1. Periodic sampling of groundwater also occurred on April 19, 2023. The sampling methods and procedures are described in Section 2.2. Laboratory analysis was provided by York Environmental Laboratories. The laboratory results are discussed in Section 3.

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

2.1 Site Inspection

The site is rectangular vacant parcel approximately 450 feet wide (east to west) and 800 feet long (north to south) abutting the western shore of the Hudson River. It is a relatively planar site with a gentle dip from west to east. The site is mowed and has pedestrian trails allowing controlled use of the property d as a low-impact public access area. 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 along the river is open but not readily accessible (no landing, with a steep rip-rap embankment). A public access gate is located along the northern security fence.

Visual inspection of the site was performed by LaBella personnel on April 19, 2023. Commencing at the northwest corner of the site, the site perimeter was followed in a counter-clockwise direction to observe the condition of the perimeter fence and erosion control blanket along the river front.

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

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 has 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. Accumulated driftwood parallel to the shoreline is present up to about 9 feet AMSL. No evidence was observed of any significant scouring or sloughing of the soils from surface drainage or development of surface drainage channels.

- The perimeter of the site is vegetated with small trees and shrubs along the fence line and top of bank along the riverfront. The interior is predominantly an open field with wild grass, flowers, and weeds with a few small scrub bushes. No heavy growth or deep rooting brush, thickets, or trees were observed in the field.

- A gravel walking path installed in 2017 extends from the northern fence line to the shore. Several picnic tables with grills and bleacher seats are located within open mowed areas. The footpaths show no adverse impact of the underlying soil cover system.

- There is a fenced sanitary sewer pumping station on the site near the southwest corner within the perimeter. LaBella understands this station was installed as part a municipal sewer system upgrade completed by the City of Newburgh in 2017.

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

2.2 Site Monitoring

One full round of groundwater samples was collected from eight existing on-site groundwater monitoring wells, consistent with the SMP on April 19, 2023. Two other wells, MW-05 and MW-10, were removed from the annual sampling program in September 2019 with the consent of NYSDEC.

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

Monitoring wells were sampled using low-flow methods using a peristaltic pump at pumping rates ranging from 0.05 to 0.08 gallons per minute, limiting drawdown and allowing sample collection upon documentation of stabilized field parameters. Dedicated sample tubing was used for purging and sample collection at each well.

During the low-flow sampling, the depths to water in the well and Water Quality Parameters (WQPs) were measured and recorded every five-minutes. The WQPs (temperature, pH, specific conductance, oxidation-reduction potential, and dissolved oxygen) were measured with an YSI Professional Plus multi-parameter water quality meter. Pumping continued until drawdown and the WQPs stabilized. The data were recorded on the sampling logs attached in **Appendix A**.

Groundwater samples were collected from the wells into laboratory supplied sample containers, recorded on the chain-of-custody, and placed in ice filled coolers, then transferred to a secure sample refrigerator. Samples were transported directly to the laboratory by courier service. 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. With the approval of NYSDEC effective September 2019 (and modified in 2020), the sampling parameters and methods required for monitoring were changed to include:

CP-51 list of VOCs by Method 8260C
CP-51 list of SVOCs by Method 8270D
Total lead
Total Arsenic (at MW-02 only)

Samples were analyzed using ASP methods with standard Class A data deliverables.

Quality Control/Quality Assurance samples were collected to evaluate data quality. One Trip Blank, a field duplicate, and a Matrix Spike and Matrix Spike Duplicate were collected during the sampling event. The field duplicate and the MS/MSD samples for all analyses were collected from MW-01.

3.0 MONITORING RESULTS

3.1 Water Table

The depths to water from the surveyed measuring point elevations for each well on April 19, 2023, were used to determine the water table elevation in each well. The results are included in the table below.

Water Table 19-April-2023					
Well	**Measuring Point (ft AMSL)**	**Ground (Surface (ft AMSL)**	**Stick-Up (feet)**	**Depth To Water (ft)**	**Water Table Elevation**
MW-01	18.01	15.00	3.01	14.30	3.71
MW-02	13.99	11.17	2.82	12.49	1.50
MW-03	13.26	10.15	3.10	12.12	1.14
MW-04	11.74	8.77	2.98	10.41	1.33
MW-05	11.52	8.45	3.07	10.42	1.10
MW-06	10.50	7.84	2.66	9.53	0.97
MW-07	10.76	7.99	2.77	9.58	1.18
MW-08	10.85	8.14	2.71	9.67	1.18
MW-09	15.69	12.35	3.34	13.41	2.28
MW-10	11.13	8.47	2.66	9.99	1.14
Elevation in NAVD 88 AMSL = Above Mean Sea Level					

The data (shaded yellow) were plotted on **Figure 3** using the site survey map for reference elevations. A site survey is included as **Figure 2**.

Based on available Hudson River tidal data for Newburgh, NY the tidal range for April 19, 2023 was:

low tide: 6:30 am	-0.3 ft
high tide: 12:10 pm	3.3 ft
low tide: 6:43 pm	-0.3 ft

Tidal influences on water levels have not been evaluated. However, all groundwater elevations fall within the tidal range except for the upland-most well MW-01. This suggests net groundwater flow is consistently from west to east through the site towards the Hudson River. **Figure 3** shows a site water table interpretation, confirming net groundwater gradients toward the tidal Hudson River.

3.2 Water Quality Parameters

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

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

April 19, 2023 Sampling Event						
Well ID	**Temp (°C)**	**pH**	**SC (µS/cm)**	**ORP (mV)**	**DO (mg/l)**	**Site Area**
MW-01	11.9	6.78	2248	-83.3	0.61	North Site Area
MW-02	10.7	6.45	1634	-89.8	0.55	
MW-05	Exempt from Monitoring					
MW-06	11.2	7.44	769	46.5	6.03	
MW-10	Exempt from Monitoring					
MW-03	10.5	6.83	865	-141.9	1.14	South Site Area
MW-04	11.1	6.89	1366	-90.4	0.69	
MW-07	10.4	7.10	1088	-113.1	0.61	
MW-08	9.4	6.90	806	15.6	0.75	
MW-09	14.2	7.04	1557	-44.5	0.90	

The groundwater chemistry has previously been noted to differentiate geographically into two areas, with five monitoring wells in each area and separated by the deep soil excavation area running east-west across the middle of the Site. Wells in the northern area include MW-1, MW-2, MW-5, MW-6 and MW-10 and wells in the southern area are MW-3, MW-4, MW-7, MW-8 and MW-9.

During the April 2023 sampling event, the average WQPs in the north and south groups were very similar with the exception of the DO which in MW-6 was once again higher than during prior sampling events. ORP also differed in MW-6 relative to other site monitoring wells. These parameters can be observed further in future sampling events.

3.3 Volatile Organic Compounds – April 19, 2023 Data

A "hit" summary table for VOCs is included below.

Sample ID	**AWQS**	**MW-1**		**MW-2**		**MW-3**		**MW-4**		**MW-7**		**MW-8**		**MW-9**	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
CP-51 VOCs	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Benzene	1	2.0	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	**2.0**	
Ethyl Benzene	5	**120**		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Isopropylbenzene	5	**38**		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
MTBE	10	7.1		0.40	J	2.3		2.3		2.1		0.25	J	0.25	J
Naphthalene	10	**30**		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
n-Butylbenzene	5	4.8		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
n-Propylbenzene	5	**89**		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Sec-Butylbenzene	5	**5.9**		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Toluene	5	2.3	J	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U

The table includes any VOC compound detected at any concentration that exceeded the method detection limits, including estimated concentrations. No compounds were detected in MW-6.

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

3.4 Semi-Volatile Organic Compounds – April 19, 2023 Data

A "hit" summary table for SVOCs is included below.

Sample ID	AWQS	MW-1		MW-7	
Date		4/19/2023		4/19/2023	
Compound		Result	Q	Result	Q
CP-51 SVOCs	ug/L	ug/L		ug/L	
Acenaphthene	20	0.100		0.280	
Anthracene	50	0.0500	U	0.0500	J
Benzo(a)anthrancene	0.002	0.0500	U	0.0500	U
Benzo(a)pyrene	0.002	0.0500	U	0.0500	U
Benzo(b)fluoranthene	0.002	0.0500	U	0.0500	U
Benzo(k)fluoranthene	0.002	0.0500	U	0.0500	U
Chrysene	0.002	0.0500	U	0.0500	U
Fluoranthene	50	0.0500	J	0.150	
Fluorene	50	0.0500	U	0.130	
Indeno(1,2,3-cd)pyrene	0.002	0.0500	U	0.0500	U
Naphthalene	10	2.96		0.0500	U
Phenanthrene	50	0.0500	J	0.460	
Pyrene	50	0.0500	J	0.150	

The table includes any SVOC compound detected at any concentration that exceeded the applicable ambient water quality standard (AWQS). Each of the eight samples collected during this event were non-detectable for the six polyaromatic hydrocarbons (PAHs) shown above, however, the laboratory method detection limit (MDL) was greater than the applicable AWQS of 0.002 µg/l for these compounds.

The laboratory results for all SVOCs and qualifier descriptions are included in **Table 2**.

3.5 Lead and Arsenic

The laboratory results for metals and qualifier descriptions are included in **Table 3**.

Total Lead was detected in only one of the eight samples at a concentration exceeding the quantification limit of 5.56 µg/l. The result for this sample, collected from well MW-08, was slightly over the standard of 25 µg/L.

Arsenic was detected in well MW-02 at a concentration of 16.7 ug/L, below the standard of 25 ug/L.

3.6 PCBs and Pesticides

Sample analysis for PCBs and/or pesticides was not performed nor required. These parameters were removed from the monitoring program in September 2019 with NYSDEC's approval.

3.7 QA/QC Sampling Results

No VOCs were reported in the Trip Blank.

The results for the field duplicate (CIM-FD-001) and the parent sample (CIM-MW-01) were very similar, generally within approximately 10% of one another. There were only exceptions: one was for Benzene, which was non-detect at 2.0 ug/L in the primary sample and detected at 12.0 ug/L in the duplicate, and the other was for Naphthalene (on the SVOC run), which exhibited a difference of 85.6%. The Naphthalene results from the VOC run, however, were identical in both samples.

Analysis of MS/MSD samples indicated good recoveries and comparable results.

The data appears to be representative of actual groundwater conditions on the date of the sampling event. The data have not been independently validated by a third-party chemist, nor is it required.

4.0 DATA REVIEW

The site compounds of concern specified in the SMP include BTEX and MTBE, SVOCs, PCBs, lead and cadmium. Prior annual sampling events therefore included analyses for TCL-VOCs, TCL-SVOCs, and TAL-Metals, and PCBs. On the basis of monitoring relief approved following the 2019 PRR submittal, the well network of 8 specified monitoring wells was analyzed for the 2023 PRR for the CP-51 lists of VOCs and SVOCs, and Lead. Arsenic was also included in the analysis for well MW-02.

Results for the last four sampling events (May 2020, March/April 2021, October 2021, and April 2023) are compared in the following sections.

4.1 VOCs

Site monitoring well MW-01 is the only well exhibiting a consistent VOC presence over many years. The analyte detections in April of 2023 were below levels detected in 2018 although over those of 2020 and March 2021, and generally consistent with or modestly declining relative to data collected since 2015.

Monitoring Well ID / Sampling Date / Compound	AWQS (µg/L)	MW-01							
		5/12/2020		3/31/2021		10/11/2021		4/19/23	
		Result	Q	Result	Q	Result	Q	Result	Q
Benzene	1	**2.1**		**2.0**		**14**		2.0	U
Ethyl Benzene	5	**23**		**32**		**100**		**120**	
Isopropylbenzene	5	**5.8**		**6.9**		**47**		**38**	
p- & m- Xylenes	5	0.60	U	0.50	U	4.0		5.0	U
Toluene	5	0.42	J	0.49	J	3.4		2.3	J

The MTBE historically detected in wells MW-03 and MW-07 at concentrations greater than the applicable standard 10 µg/l have been less the AWQS standard since 2015 as summarized below. The MTBE concentrations in MW-7 continues to decrease and the concentration in MW-3 remains low

Date Summary of MTBE detections	AWQS (µg/L)	MW-03 (µg/L)	MW-07 (µg/L)
5/12/2020	10	1.1	3.9
3/31/2021		< 0.20	2.5
10/11/2021		1.0	2.2
4/19/2023		2.3	2.1

Benzene was again detected in MW-09 during the April 2023 sampling event, at a concentration of 2.0 µg/L, which is lower than that detected in October 2021. Benzene has only periodically been detected in this well.

4.2 SVOCs

PAHs were not detected in the any of the samples during the April 2023 sampling event, with detection limits of 0.0500 to 0.0526 ug/L. These detection limits exceed the water quality standard of 0.002 ug/L. These results are lower than those from 2021, and suggest that elevated results from 2021 sampling events may have been anomalous.

Naphthalene, a gasoline-range SVOC, was reported at 2.96 µg/L in April 2023 in the sample collected from MW-01. This result is within the same order of magnitude as the historical record. Naphthalene, along with associated BTEX (benzene, toluene, ethyl benzene, xylenes) compounds, have consistently remained below standards in on-site wells located downgradient from MW-01, suggesting controlled natural attenuation of organic compounds.

4.3 Lead and Arsenic

The concentrations of lead from the last five consecutive sampling events are included below. The lead is compared to the AWQS of 25 µg/L with concentrations in excess of the standard highlighted. Concentrations marked with a "B" flag were identified at trace concentrations in the analytical method blank.

LEAD: AWQS = 25 µg/L												
Monitoring Well	**Oct 2018**		**May 2020**		**March 2021**		**April 2021**		**Oct 2021**		**April 2023**	
MW-01	2.380		1.11	U	1.11	U	NS		1.50		5.56	U
MW-02	1.11	U	1.11	U	1.11	U	NS		1.11	U	5.56	U
MW-03	23.8		4.51		**50.9**		**57.6** **52.7**	Di	3.94		5.56	U
MW-04	**53.3**		5.37		1.11	U	NS		2.43		5.56	U
MW-05	1.49		NS		NS		NS		NS		NS	
MW-06	**99.6**		3.37		3.07		NS		7.39		5.56	U
MW-07	13.3		4.75		17.2		NS		**45.4**		5.56	U
MW-08	**32.1**		**54.0**		**742**		**45.1** **39.5**	Di	8.78 6.19	Di	**26.5**	
MW-09	1.11	U	1.45		1.11	U	NS		7.72		5.56	U
MW-10	1.11	U	NS		NS		NS		NS		NS	
Hits	3		1		2		2		1		1	
Total	226		73		815		102.7		76		26.5	
Average	32		12		136		51.35		13		3.31	

The 2023 results for lead are below concentrations previously recorded in most locations with the exception of well MW-08. The result from this location is within the historic range of values for this well.

Arsenic analysis was resumed at MW-02 starting during the March 2021 sampling event. Arsenic was detected at 16.7 ug/L in April 2023, which lower than most other recent results. Previous elevated data at this location suggest that slightly elevated Arsenic may be present in the location of MW-02, and ongoing monitoring remains warranted.

Other metals that are not site contaminants of concern that had consistently been reported at levels exceeding AWQSs include magnesium, manganese, and sodium. The source of

these metals has not been confirmed; however, they were generally considered benign and have been removed from the monitoring requirements for the Site.

5.0 SITE EVALUATION

5.1 Conclusions

The Remedial Action Objective for the site is 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 the migration of dissolved site related COCs.

The ECs/ICs implemented appear to be functioning as anticipated.

The soil cover system remains in-place with no evidence of excess erosion, the erosion blanket along the river is intact with no observable evidence of failure or excess erosion. Since the last PRR was completed in 2020, no evidence of soil disturbance was observed within a fenced-in area.

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

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

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

MTBE has not been detected or has remained below the groundwater standard in all site wells since 2015, suggesting that natural attenuation of MTBE is occurring at the site.

SVOCs (including PAHs) in MW-8 near the shoreline and in upgradient well MW-1 have fallen below standards.

Elevated lead was only noted in one monitoring well, MW-08, of the eight on-site wells sampled in April 2023, and arsenic persists in MW-02 but has fallen below the water quality standard.

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

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

5.2 Recommendations

Significant modifications to the SMP were recommended in the 2018 PRR and approved in September 2019. Resumed analysis of arsenic at MW-02 was proposed in May 2020 and approved later in 2020.

LaBella recommends continuing the analytical program, as modified, and also continuing annual site inspections. Samples intended for metals analysis where field turbidity readings exceed 50 NTU will continue to be field filtered.

FIGURES

Path: B:\GLOBAL\Legacy\Chazen\Projects\41500-41599\41548.00 Newburgh Consolidated Iron site\PRR\2023\2023 Report\Figures\Base Files\Figure1_SiteLocation 2023.mxd Creator: EJO

PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:
2231596 **Figure 1** 5/31/2023	Site Location Map	Former Consolidated Iron and Metals Site 1 Washington Street, Newburgh, New York

N

0 500 1,000 Feet

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Data Source: Orange County 2023, USGS 2020-2023; LaBella 2015-2023.

Drawing Name: X:\4\41500-41599\41548.00 Newburgh Consolidated Iron site\SVY\dwg\05_SVY_41548-00_TOPO.dwg
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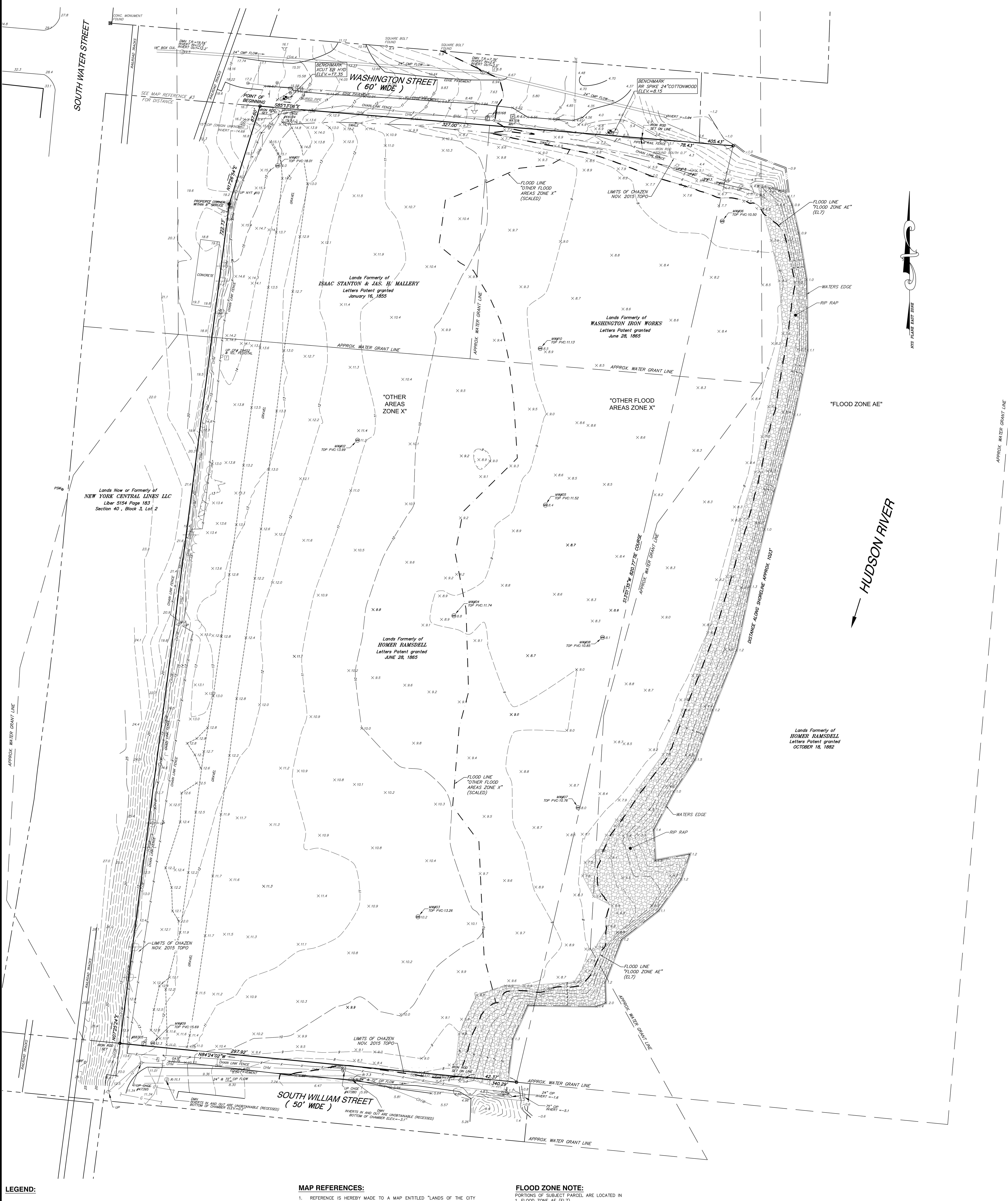


SOUTH WATER STREET
WASHINGTON STREET (60' WIDE)
SOUTH WILLIAM STREET (50' WIDE)
HUDSON RIVER
POINT OF BEGINNING
S85°13'06"E 327.00'
78.43'
405.43'
N17°26'54"E 87.60'
722.73'
N07°25'24"E
N84°24'02"W 297.92'
42.37'
340.29'
S13°01'35"W 820.77' TIE COURSE
DISTANCE ALONG SHORELINE APPROX. 1023'
BENCHMARK XCUT EB HYD ELEV.=17.35
BENCHMARK RR SPIKE 24"COTTONWOOD ELEV.=8.15
SEE MAP REFERENCE #3 FOR DISTANCE
Lands Now or Formerly of NEW YORK CENTRAL LINES LLC Liber 5154 Page 183 Section 40 , Block 3, Lot 2
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
"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
APPROX. WATER GRANT LINE
WATERS EDGE
RIP RAP
RAILROAD TRACKS
CHAIN LINK FENCE
GRAVEL
CONCRETE
NYS PLANE EAST ZONE

LEGEND:

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

MAP REFERENCES:

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

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

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

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

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

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

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

FLOOD ZONE NOTE:

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

NOTES:

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

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

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

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

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

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

DEED REFERENCE:

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

TAX PARCEL NUMBER:

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

AREA:

8.33 ACRES

CERTIFICATIONS:

TO:
CITY OF NEWBURGH

DRAFT

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

FORMER CONSOLIDATED IRON AND METAL CO. FACILITY

MAP OF TOPOGRAPHIC SURVEY PREPARED FOR CITY OF NEWBURGH

CITY OF NEWBURGH, ORANGE COUNTY, NEW YORK

rev.	date	description

LaBella
Powered by partnership.
Hudson Valley Office
21 Fox Street, Suite 201
Poughkeepsie, NY 12601
P: (845) 486-1520
F: (845) 454-4026

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.

FIGURE 2

STEVEN J ALEX, L.S. #50016

6155

Path: B:\GLOBAL\Legacy\Chazen\Projects\41500-41599\41548.00 Newburgh Consolidated Iron site\PRR\2023\2023 Report\Figures\Base Files\Figure3_GW Elevations 2023.mxd

Creator: EJO

PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:
2231596 **Figure 3** 5/31/2023	Groundwater Elevation Contour Map	Former Consolidated Iron and Metals Site 1 Washington Street, Newburgh, New York

N

0 50 100 Feet

LaBella
Powered by partnership.

Data Source: Orange County 2023, bing.com 2020-2023; LaBella 2015-2023.

TABLES AND GRAPHS

TABLE 1 CP-51 VOC RESULTS

Sample ID		AWQS*	MW-01		MW-02		MW-03		MW-04		MW-06		MW-07		MW-08		MW-09		FD-01 (DUP)		Trip Blank	
York ID			23D1180-01		23D1180-02		23D1180-03		23D1180-04		23D1180-05		23D1180-06		23D1180-07		23D1180-08		23D1180-09		23D1180-10	
Sampling Date			19-Apr-23		19-Apr-23		19-Apr-23		19-Apr-23		19-Apr-23		19-Apr-23		19-Apr-23		19-Apr-23		19-Apr-23		18-Apr-23	
Client Matrix			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
CP-51 VOCS		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			10		1		1		1		1		1		1		1		1		1	
1,2,4-Trimethylbenzene	95-63-6	5	2.0	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	2.0	U	0.20	U
1,3,5-Trimethylbenzene	108-67-8	5	2.0	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	2.0	U	0.20	U
Benzene	71-43-2	1	2.0	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	**2.0**		**12**		0.20	U
Ethyl Benzene	100-41-4	5	**120**		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	**120**		0.20	U
Isopropylbenzene	98-82-8	5	**38**		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	**37**		0.20	U
MTBE	1634-04-4	10	7.1		0.40	J	2.3		2.3		0.20	U	2.1		0.25	J	0.25	J	7.2		0.20	U
Naphthalene	91-20-3	10	**30**		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	**30**		1.0	U
n-Butylbenzene	104-51-8	5	4.8		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	6.9		0.20	U
n-Propylbenzene	103-65-1	5	**89**		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	**88**		0.20	U
o-Xylene	95-47-6	5	2.0	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	2.0	U	0.20	U
p- & m- Xylenes	179601-23-1	5	5.0	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U	0.50	U
p-Isopropyltoluene	99-87-6	5	2.0	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	2.0	U	0.20	U
sec-Butylbenzene	135-98-8	5	**5.9**		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	**5.6**		0.20	U
tert-Butylbenzene	98-06-6	5	2.0	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	2.0	U	0.20	U
Toluene	108-88-3	5	2.3	J	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	2.3	J	0.20	U
Xylenes, Total	1330-20-7	5	6.0	U	0.60	U	0.60	U	0.60	U	0.60	U	0.60	U	0.60	U	0.60	U	6.0	U	0.60	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

AWQS* = ambient Water Quality standards, Togs v 1.1.1

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

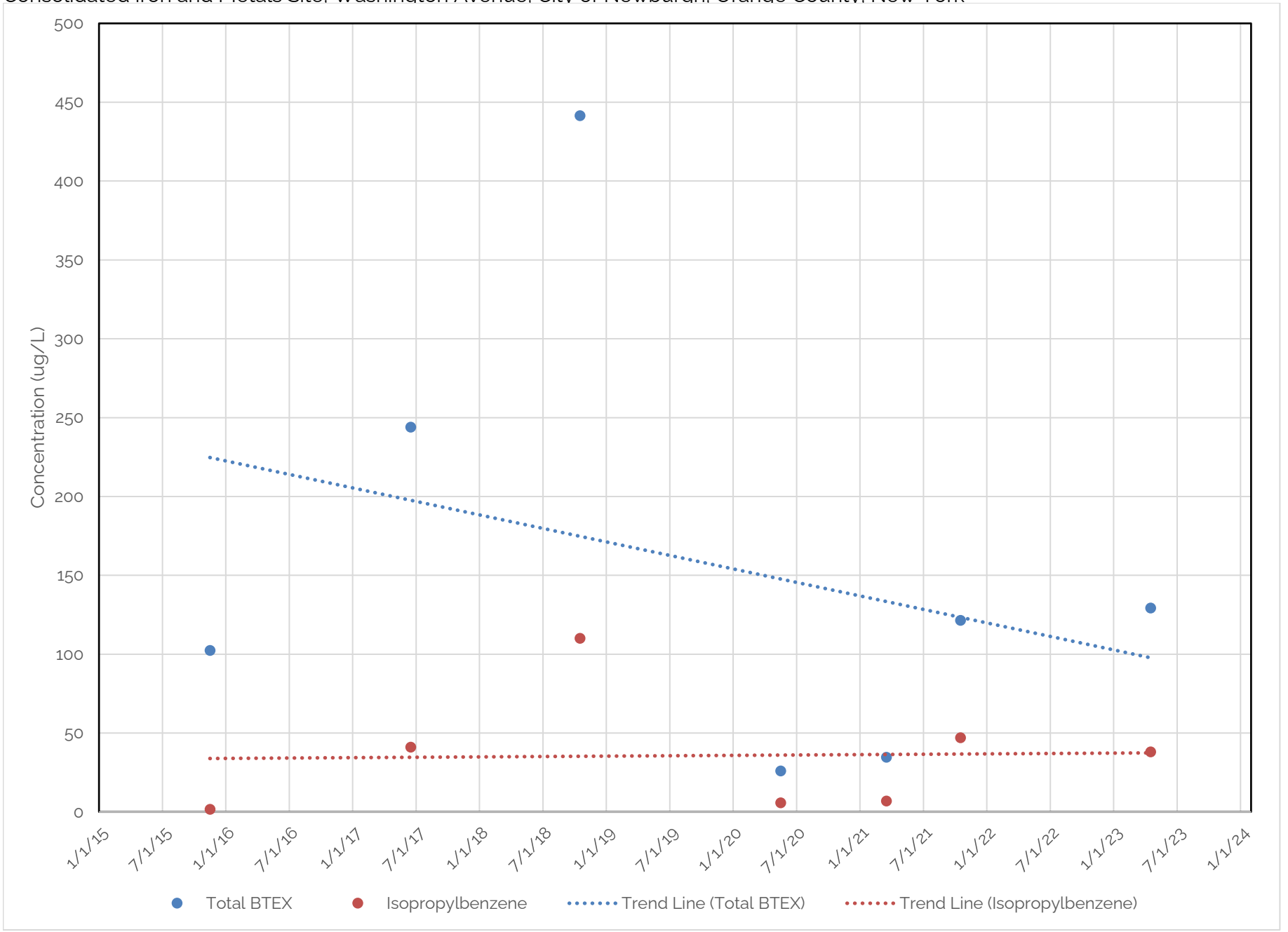
E=result is estimated and cannot be accurately reported due to levels encountered or interferences

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

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

Table 1, Graph 1: Select VOC Concentrations in Well MW-01

Consolidated Iron and Metals Site, Washington Avenue, City of Newburgh, Orange County, New York



LaBella Associates, DPC

May 2023

TABLE 2 CP-51 SVOC Results

Sample ID		AWQS	MW-01		DUP (MW-01)		MW-02		MW-03		MW-04		MW-06		MW-07		MW-08		MW-09	
York ID			23D1180-01		23D1180-09		23D1180-02		23D1180-03		23D1180-04		23D1180-05		23D1180-06		23D1180-07		23D1180-08	
Sampling Date			4/19/2023		4/19/2023		4/19/2023		4/19/2023		4/19/2023		4/19/2023		4/19/2023		4/19/2023		4/19/2023	
Compound	**CAS No.**		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
CP-51 SVOCs		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Acenaphthene	83-32-9	20	0.100		0.162		0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.280		0.0526	U	0.0526	U
Acenaphthylene	208-96-8	~	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0526	U	0.0526	U
Anthracene	120-12-7	50	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	J	0.0526	U	0.0526	U
Benzo(a)anthracene	56-55-3	0.002	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0526	U	0.0526	U
Benzo(a)pyrene	50-32-8	0.002	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0526	U	0.0526	U
Benzo(b)fluoranthene	205-99-2	0.002	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0526	U	0.0526	U
Benzo(g,h,i)perylene	191-24-2	~	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0526	U	0.0526	U
Benzo(k)fluoranthene	207-08-9	0.002	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0526	U	0.0526	U
Chrysene	218-01-9	0.002	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0526	U	0.0526	U
Dibenzo(a,h)anthracene	53-70-3	~	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0526	U	0.0526	U
Fluoranthene	206-44-0	50	0.0500	J	0.0757		0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.150		0.0526	U	0.0526	U
Fluorene	86-73-7	50	0.0500	U	0.0649		0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.130		0.0526	U	0.0526	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0526	U	0.0526	U
Naphthalene	91-20-3	10	2.96		7.39		0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0526	U	0.0526	U
Phenanthrene	85-01-8	50	0.0500	J	0.0973		0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.460		0.0526	U	0.0526	U
Pyrene	129-00-0	50	0.0500	J	0.0757		0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.150		0.0526	U	0.0526	U

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

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

TABLE 3 Results for Metals

Sample Date	19-Apr-23	
Lead by EPA 6010		
AWQS	25	µg/L

Well ID	**R**	**Q**
MW-01	5.56	U
Dup (MW-01)	5.56	U
MW-02	5.56	U
MW-03	5.56	U
MW-04	5.56	U
MW-05	Not Sampled	
MW-06	5.56	U
MW-07	5.56	U
MW-08	**26.5**	
MW-09	5.56	U
MW-10	Not Sampled	

Sample Date	19-Apr-23	
Arsenic by EPA 6010		
AWQS	25	µg/L

Well ID	**R**	**Q**
MW-02	16.7	U

NOTES:

Regulatory Exceedences bold and shaded

NS = No sample

Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

APPENDIX A

Field Data Sheets, Site Inspection Forms and Photo Log

LaBella Associates, DPC

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID:	CIM-MW-01 0423	Sample Time:	10:18	Sample Matrix *(circle)* :	
Well ID:	MW-01	Sample Date:	4/19/2023	***Groundwater***	Soil
Project Name:	Consolidated Iron	Sample Tech(s):	Orlowski	Surface Water	Air
Sample Location:	Newburgh, NY	Project and Task #:	2231596	Drinking Water	Other:
		Project Manager:	Orlowski		

WELL INFORMATION:

Well Condition: Good

Lock Type: Master Key #: 3303

PURGE DATA:

Measuring Point: TOC-PVC ***(B)***

Depth to Bottom: 22.46

Depth to Water: 14.30

Water Column Height: ***(A)*** 8.16

(depth to bottom - depth to water)

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

NA

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

NA

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 - Peristaltic

Start Date: 4/19/2023

Start Time: 9:47

Stop Time: 10:17

Purge Rate (gpm): 0.050

Elapsed Time (min): 30

Well Vol. Purged (#): 0.28

Purge Vol. (gal): 1.5

Well went dry? **No** Yes

Conditions: No Odor **Odor**

Clear Slightly-Turbid Turbid

FIELD RESULTS:

Gal purged	Date & Time	Depth to Water	Temp	SpCond	Cond.	Turbidity	TDS	Odor	DO	pH	ORP	
gal		ft	deg C	uS/cm[c]	uS/cm	NTU	g/L		mg/L		mV	
0.00	9:47	14.3	11.6	2255	1679	Clear	1.4625	wx. petrol.	1.25	6.52	22.6	
0.25	9:52	14.48	11.8	2250	1685	4.40	1.4625	wx. petrol.	0.91	6.66	-22.2	
0.50	9:57	14.56	11.8	2253	1686	0.90	1.4625	wx. petrol.	0.70	6.79	-49.9	
0.75	10:02	14.65	11.9	2252	1687	0.67	1.4625	wx. petrol.	0.91	6.74	-64.0	
1.00	10:07	14.77	11.9	2254	1689	0.41	1.4625	wx. petrol.	0.71	6.70	-75.4	
1.25	10:12	14.87	11.9	2251	1687	0.20	1.4625	wx. petrol.	0.65	6.70	-79.5	
1.50	10:17	14.99	11.9	2248	1685	0.02	1.4625	wx. petrol.	0.61	6.78	-83.3	

SAMPLE INFORMATION:

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

Sample Type: ***Grab*** Composite

Sample Depth(ft):

Weather: Cloudy

Barometric Pres.:

Wind: Breezy (5-10 mph from NE)

Air Temp.(°F): 50ish

Notes: MS/MSD set also collected here.

wx. Petrol. = weathered petroleum

LAB REQUESTS:

Laboratory Name:	Analysis/Method:	Turn Around Time:
York Analytical	CP-51 VOCs	Standard
	CP-51 SVOCs	
	Total Lead	

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

LaBella Associates, DPC

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID:	CIM-MW-02 0423	Sample Time:	12:52	Sample Matrix *(circle)* :	
Well ID:	MW-02	Sample Date:	4/19/2023	***Groundwater***	Soil
Project Name:	Consolidated Iron	Sample Tech(s):	Orlowski	Surface Water	Air
Sample Location:	Newburgh, NY	Project and Task #:	2231596	Drinking Water	Other:
		Project Manager:	Orlowski		

WELL INFORMATION:

Well Condition: Good

Lock Type: Master Key #: 3303

PURGE DATA:

Measuring Point: TOC-PVC ***(B)***

Depth to Bottom: 19.63

Depth to Water: 12.40

Water Column Height: ***(A)*** 7.23

(depth to bottom - depth to water)

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

NA

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

NA

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 - Peristaltic		
Start Date:	4/19/2023		
Start Time:	12:11		
Stop Time:	12:51		
Purge Rate (gpm):	0.060		
Elapsed Time (min):	40		
Well Vol. Purged (#):	0.51		
Purge Vol. (gal):	2.40		
Well went dry?	**No**	Yes	
Conditions:	No Odor	**Odor**	
	Clear	Slightly-Turbid	Turbid

FIELD RESULTS:

Gal purged	Date & Time	Depth to Water	Temp	SpCond	Cond.	Turbidity	TDS	Odor	DO	pH	ORP	
gal		ft	deg C	uS/cm[c]	uS/cm	NTU	g/L		mg/L		mV	
0.00	12:11	12.40	10.6	1431	1038	Clear	0.9295	Swampy	8.54	6.59	-32.6	
0.30	12:16	12.60	10.5	1428	1033	3.90	0.9295	Swampy	9.12	6.54	-51.0	
0.60	12:21	12.57	10.5	1452	1052	5.50	0.9490	Swampy	3.77	6.48	-60.4	
0.90	12:26	12.53	10.5	1512	1094	4.13	0.9815	Swampy	1.63	6.44	-68.7	
1.20	12:31	12.51	10.5	1557	1125	4.76	1.0140	Swampy	1.23	6.49	-74.6	
1.50	12:36	12.50	10.5	1584	1147	5.29	1.0270	Swampy	0.92	6.49	-80.1	
1.80	12:41	12.48	10.5	1609	1166	6.42	1.0465	Swampy	0.66	6.44	-84.0	
2.10	12:46	12.48	10.7	1622	1176	5.98	1.0530	Swampy	0.60	6.49	-87.3	
2.40	12:51	12.48	10.7	1634	1187	4.96	1.0595	Swampy	0.55	6.45	-89.8	

SAMPLE INFORMATION:

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

Sample Type: ***Grab*** Composite Sample Depth(ft):

Weather: Cloudy/breaks of sun Barometric Pres.: Wind: Breezy (5-15 mph from NE)

Air Temp.(°F): 50s

Notes:

LAB REQUESTS:

Laboratory Name:	Analysis/Method:	Turn Around Time:
York Analytical	CP-51 VOCs	Standard
	CP-51 SVOCs	
	Total Lead, Total Arsenic	

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

LaBella Associates, DPC

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID:	CIM-MW-03 0423	Sample Time:	14:51	Sample Matrix *(circle)* :	
Well ID:	MW-03	Sample Date:	4/19/2023	***Groundwater***	Soil
Project Name:	Consolidated Iron	Sample Tech(s):	Orlowski	Surface Water	Air
Sample Location:	Newburgh, NY	Project and Task #:	2231596	Drinking Water	Other:
		Project Manager:	Orlowski		

WELL INFORMATION:

Well Condition: Good

Lock Type: Master Key #: 3303

PURGE DATA:

Measuring Point: TOC-PVC ***(B)***

Depth to Bottom: 19.50

Depth to Water: 11.79

Water Column Height: ***(A)*** 7.71

(depth to bottom - depth to water)

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

NA

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

NA

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 - Peristaltic
Start Date:	4/19/2023
Start Time:	14:15
Stop Time:	14:50
Purge Rate (gpm):	0.060
Elapsed Time (min):	35
Well Vol. Purged (#):	0.42
Purge Vol. (gal):	2.1

Well went dry? **No** Yes

Conditions: No Odor **Odor**

Clear Slightly-Turbid Turbid

FIELD RESULTS:

Gal purged	Date & Time	Depth to Water	Temp	SpCond	Cond.	Turbidity	TDS	Odor	DO	pH	ORP	
gal		ft	deg C	uS/cm[c]	uS/cm	NTU	g/L		mg/L		mV	
0.00	14:15	11.79	10.9	854	622	Clear	0.5525	Sulfur	9.39	7.01	-37.1	
0.30	14:20	12.24	10.7	833	604	6.51	0.5395	Sulfur	4.13	6.84	-83.6	
0.60	14:25	12.26	10.5	829	599	6.39	0.5395	Sulfur	4.00	6.89	-103.2	
0.90	14:30	12.27	10.4	832	601	5.19	0.5395	Sulfur	3.08	6.80	-115.3	
1.20	14:35	12.30	10.5	836	604	5.78	0.5460	Sulfur	2.02	6.86	-124.0	
1.50	14:40	12.32	10.3	845	607	5.58	0.5525	Sulfur	1.12	6.81	-131.8	
1.80	14:45	12.32	10.4	853	616	5.49	0.5525	Sulfur	1.17	6.85	-137.4	
2.10	14:50	12.30	10.5	865	625	5.74	0.5590	Sulfur	1.14	6.83	-141.9	

SAMPLE INFORMATION:

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

Sample Type: ***Grab*** Composite Sample Depth(ft):

Weather: Partly Sunny Barometric Pres.: Wind: Breezy (5-15 mph from NE)

Air Temp.(°F): 60ish

Notes:

LAB REQUESTS:

Laboratory Name:	Analysis/Method:	Turn Around Time:
York Analytical	CP-51 VOCs	Standard
	CP-51 SVOCs	
	Total Lead	

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

LaBella Associates, DPC

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID:	CIM-MW-04 0423	Sample Time:	16:27	Sample Matrix *(circle)* :	
Well ID:	MW-04	Sample Date:	4/19/2023	***Groundwater***	Soil
Project Name:	Consolidated Iron	Sample Tech(s):	Orlowski	Surface Water	Air
Sample Location:	Newburgh, NY	Project and Task #:	2231596	Drinking Water	Other:
		Project Manager:	Orlowski		

WELL INFORMATION:

Well Condition: Good

Lock Type: Master Key #: 3303

PURGE DATA:

Measuring Point: TOC-PVC

Depth to Bottom: 18.45

Depth to Water: 10.40

Water Column Height: ***(A)*** 8.05

(depth to bottom - depth to water)

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

NA

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

NA

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 - Peristaltic
Start Date:	4/19/2023
Start Time:	16:01
Stop Time:	16:26
Purge Rate (gpm):	0.060
Elapsed Time (min):	25
Well Vol. Purged (#):	0.29
Purge Vol. (gal):	1.50

Well went dry? **No** Yes

Conditions: No Odor **Odor**

Clear Slightly-Turbid Turbid

FIELD RESULTS:

Gal purged	Date & Time	Depth to Water	Temp	SpCond	Cond.	Turbidity	TDS	Odor	DO	pH	ORP	
gal		ft	deg C	uS/cm[c]	uS/cm	NTU	g/L		mg/L		mV	
0.00	16:01	10.40	11.5	1366	1014	Moderate	0.8905	Sl. Swampy	7.42	6.82	-11.1	
0.30	16:06	10.82	11.2	1401	1031	126.4	0.9100	Sl. Swampy	7.30	6.75	-51.6	
0.60	16:11	10.82	11.1	1379	1014	49.11	0.8970	Sl. Swampy	1.82	6.84	-68.0	
0.90	16:16	10.81	11.2	1375	1012	55.74	0.8965	Sl. Swampy	0.71	6.87	-78.2	
1.20	16:21	10.83	11.1	1370	1006	14.16	0.8905	Sl. Swampy	0.71	6.88	-86.7	
1.50	16:26	10.84	11.1	1366	1003	9.05	0.8905	Sl. Swampy	0.69	6.89	-90.4	

SAMPLE INFORMATION:

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

Sample Type: ***Grab*** Composite Sample Depth(ft):

Weather: Mostly Sunny Barometric Pres.: Wind: Breezy (5-10 mph from NE)

Air Temp.(°F): 60ish

Notes:

LAB REQUESTS:

Laboratory Name:	Analysis/Method:	Turn Around Time:
York Analytical	CP-51 VOCs	Standard
	CP-51 SVOCs	
	Total Lead	

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

LaBella Associates, DPC

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID:	CIM-MW-06 0423	Sample Time:	18:04	Sample Matrix *(circle)* :	
Well ID:	MW-06	Sample Date:	4/19/2023	***Groundwater***	Soil
Project Name:	Consolidated Iron	Sample Tech(s):	Orlowski	Surface Water	Air
Sample Location:	Newburgh, NY	Project and Task #:	2231596	Drinking Water	Other:
		Project Manager:	Orlowski		

WELL INFORMATION:

Well Condition: Good

Lock Type: Master Key #: 3303

PURGE DATA:

Measuring Point: TOC-PVC

Depth to Bottom: 16.90

Depth to Water: 9.76

Water Column Height: ***(A)*** 7.14

(depth to bottom - depth to water)

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

NA

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

NA

(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 - Peristaltic		
Start Date:	4/19/2023		
Start Time:	17:38		
Stop Time:	18:03		
Purge Rate (gpm):	0.060		
Elapsed Time (min):	25		
Well Vol. Purged (#):	0.32		
Purge Vol. (gal):	1.50		
Well went dry?	**No**	Yes	
Conditions:	**No Odor**		Odor
	Clear	Slightly-Turbid	Turbid

FIELD RESULTS:

Gal purged	Date & Time	Depth to Water	Temp	SpCond	Cond.	Turbidity	TDS	Odor	DO	pH	ORP	
gal		ft	deg C	uS/cm^c	uS/cm	NTU	g/L		mg/L		mV	
0.00	17:38	9.76	11.3	768	567	Clear	0.5005	None	13.66	7.44	50.0	
0.30	17:43	10.24	11.2	771	568	6.79	0.5005	None	11.02	7.45	46.7	
0.60	17:48	10.45	11.2	771	568	2.47	0.5005	None	7.80	7.46	45.7	
0.90	17:53	10.61	11.2	770	567	1.32	0.5005	None	6.90	7.44	45.9	
1.20	17:58	10.75	11.2	769	567	1.74	0.5005	None	6.43	7.45	46.1	
1.50	18:03	10.87	11.2	769	566	0.89	0.5005	None	6.03	7.44	46.5	

SAMPLE INFORMATION:

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

Sample Type: ***Grab*** Composite Sample Depth(ft):

Weather: Mostly sunny Barometric Pres.: Wind: Breezy (5-10 mph from NE)

Air Temp.(^{o}F): low 60s

Notes:

LAB REQUESTS:

Laboratory Name:	Analysis/Method:	Turn Around Time:
York Analytical	CP-51 VOCs	Standard
	CP-51 SVOCs	
	Total Lead	

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

LaBella Associates, DPC

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID:	CIM-MW-07 0423	Sample Time:	15:46	Sample Matrix *(circle)* :	
Well ID:	MW-07	Sample Date:	4/19/2023	***Groundwater***	Soil
Project Name:	Consolidated Iron	Sample Tech(s):	Orlowski	Surface Water	Air
Sample Location:	Newburgh, NY	Project and Task #:	2231596	Drinking Water	Other:
		Project Manager:	Orlowski		

WELL INFORMATION:

Well Condition: Good

Lock Type: Master Key #: 3303

PURGE DATA:

Measuring Point: TOC-PVC ***(B)***

Depth to Bottom: 18.52

Depth to Water: 9.29

Water Column Height: ***(A)*** 9.23

(depth to bottom - depth to water)

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

NA

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

NA

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 - Peristaltic
Start Date:	4/19/2023
Start Time:	15:05
Stop Time:	15:45
Purge Rate (gpm):	0.060
Elapsed Time (min):	40
Well Vol. Purged (#):	0.40
Purge Vol. (gal):	2.40

Well went dry? **No** Yes

Conditions: No Odor **Odor**

Clear Slightly-Turbid Turbid

FIELD RESULTS:

Gal purged	Date & Time	Depth to Water	Temp	SpCond	Cond.	Turbidity	TDS	Odor	DO	pH	ORP	
gal		ft	deg C	uS/cm[c]	uS/cm	NTU	g/L		mg/L		mV	
0.00	15:05	9.29	10.4	1064	767	Clear	0.6890	Sl. Sulfur	6.90	7.01	-40.4	
0.30	15:10	9.9	10.1	1044	747	6.66	0.6760	Sl. Sulfur	6.82	7.14	-87.5	
0.60	15:15	9.92	10.3	1032	743	7.1	0.6695	Sl. Sulfur	3.54	7.08	-106.0	
0.90	15:20	9.91	10.4	1038	750	6.66	0.6760	Sl. Sulfur	2.23	7.18	-111.0	
1.20	15:25	9.91	10.4	1053	758	8.43	0.6825	Sl. Sulfur	1.48	7.07	-112.6	
1.50	15:30	9.91	10.5	1061	766	3.92	0.6890	Sl. Sulfur	0.90	7.03	-112.9	
1.80	15:35	9.92	10.4	1073	773	1.53	0.6955	Sl. Sulfur	0.61	7.11	-112.8	
2.10	15:40	9.93	10.4	1078	778	1.01	0.7020	Sl. Sulfur	0.61	7.08	-112.9	
2.40	15:45	9.96	10.4	1088	785	0.77	0.7085	Sl. Sulfur	0.61	7.10	-113.1	

SAMPLE INFORMATION:

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

Sample Type: ***Grab*** Composite Sample Depth(ft):

Weather: Partly Sunny Barometric Pres.: Wind: Breezy (5-15 mph from NE)

Air Temp.(°F): 60ish

Notes:

LAB REQUESTS:

Laboratory Name:	Analysis/Method:	Turn Around Time:
York Analytical	CP-51 VOCs	Standard
	CP-51 SVOCs	
	Total Lead	

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

LaBella Associates, DPC

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID:	CIM-MW-08 0423	Sample Time:	17:11	Sample Matrix *(circle)* :	
Well ID:	MW-08	Sample Date:	4/19/2023	***Groundwater***	Soil
Project Name:	Consolidated Iron	Sample Tech(s):	Orlowski	Surface Water	Air
Sample Location:	Newburgh, NY	Project and Task #:	2231596	Drinking Water	Other:
		Project Manager:	Orlowski		

WELL INFORMATION:

Well Condition: Good

Lock Type: Master Key #: 3303

PURGE DATA:

Measuring Point: TOC-PVC

Depth to Bottom: 17.60

Depth to Water: 9.66

Water Column Height: ***(A)*** 7.94

(depth to bottom - depth to water)

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

NA

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

NA

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: Low Flow - Peristaltic

Start Date: 4/19/2023

Start Time: 16:45

Stop Time: 17:10

Purge Rate (gpm): 0.060

Elapsed Time (min): 25

Well Vol. Purged (#): 0.29

Purge Vol. (gal): 1.50

Well went dry? **No** Yes

Conditions: **No Odor** Odor

Clear Slightly-Turbid Turbid

FIELD RESULTS:

Gal purged	Date & Time	Depth to Water	Temp	SpCond	Cond.	Turbidity	TDS	Odor	DO	pH	ORP	
gal		ft	deg C	uS/cm[c]	uS/cm	NTU	g/L		mg/L		mV	
0.00	16:45	9.66	10.0	843	601	Clear	0.5460	None	9.18	7.05	32.2	
0.30	16:50	10.06	9.5	796	561	8.84	0.5200	None	5.38	6.92	22.7	
0.60	16:55	10.15	9.4	806	559	10.09	0.5200	None	1.41	6.88	19.3	
0.90	17:00	10.18	9.4	796	558	11.76	0.5200	None	0.82	6.88	18.2	
1.20	17:05	10.21	9.4	800	557	4.66	0.5200	None	0.76	6.86	17.0	
1.50	17:10	10.22	9.4	806	565	2.38	0.5265	None	0.75	6.90	15.6	

SAMPLE INFORMATION:

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

Sample Type: ***Grab*** Composite Sample Depth(ft):

Weather: Mostly sunny Barometric Pres.: Wind: Breezy (5-10 mph from NE)

Air Temp.(°F): low 60s

Notes:

LAB REQUESTS:

Laboratory Name:	Analysis/Method:	Turn Around Time:
York Analytical	CP-51 VOCs	Standard
	CP-51 SVOCs	
	Total Lead	

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

LaBella Associates, DPC

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID:	CIM-MW-09 0423	Sample Time:	11:46	Sample Matrix *(circle)* :	
Well ID:	MW-09	Sample Date:	4/19/2023	***Groundwater***	Soil
Project Name:	Consolidated Iron	Sample Tech(s):	Orlowski	Surface Water	Air
Sample Location:	Newburgh, NY	Project and Task #:	2231596	Drinking Water	Other:
		Project Manager:	Orlowski		

WELL INFORMATION:

Well Condition: Good

Lock Type: Master Key #: 3303

PURGE DATA:

Measuring Point: TOC-PVC ***(B)***

Depth to Bottom: 20.88

Depth to Water: 13.30

Water Column Height: ***(A)*** 7.58

(depth to bottom - depth to water)

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

NA

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

NA

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 - Peristaltic		
Start Date:	4/19/2023		
Start Time:	11:20		
Stop Time:	11:45		
Purge Rate (gpm):	0.060		
Elapsed Time (min):	25		
Well Vol. Purged (#):	0.30		
Purge Vol. (gal):	1.50		
Well went dry?	**No**	Yes	
Conditions:	No Odor	**Odor**	
	Clear	Slightly-Turbid	Turbid

FIELD RESULTS:

Gal purged	Date & Time	Depth to Water	Temp	SpCond	Cond.	Turbidity	TDS	Odor	DO	pH	ORP	
gal		ft	deg C	uS/cm[c]	uS/cm	NTU	g/L		mg/L		mV	
0.00	11:20	13.30	14.0	1597	1262	8.69	1.0400	Sulfur	10.31	7.10	13.7	
0.30	11:25	13.38	14.2	1563	1240	4.31	1.0140	Sl. Sulfur	13.06	7.08	-14.2	
0.60	11:30	13.39	14.1	1559	1235	3.42	1.0140	Sl. Sulfur	2.76	7.06	-27.5	
0.90	11:35	13.39	14.1	1560	1234	2.88	1.0140	Sl. Sulfur	1.10	7.09	-35.7	
1.20	11:40	13.39	14.2	1558	1235	1.46	1.0140	Sl. Sulfur	0.99	7.08	-40.4	
1.50	11:45	13.38	14.2	1557	1235	0.34	1.0140	Sl. Sulfur	0.90	7.04	-44.5	

SAMPLE INFORMATION:

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

Sample Type: ***Grab*** Composite Sample Depth(ft):

Weather: Cloudy Barometric Pres.: Wind: Breezy (5-10 mph from NE)

Air Temp.(°F): 50s

Notes:

LAB REQUESTS:

Laboratory Name:	Analysis/Method:	Turn Around Time:
York Analytical	CP-51 VOCs	Standard
	CP-51 SVOCs	
	Total Lead	

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

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

Date: 04/19/2023

Inspection Personnel: Eric J. Orlowski, PG

Weather Conditions: Cloudy to mostly sunny, 50s to low 60s, breezy (5 to 15 mph from the NE)

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 Yes, 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

Path: B:\GLOBAL\Legacy\Chazen\Projects\41500-41599\41548.00 Newburgh Consolidated Iron site\PRR\2023\2023 Report\Attachments\Fig B1_Photo Locs 2023.mxd

Creator: EJO

PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:
2231596 **Figure B-1** 5/31/2023	Site Photo Location Map	Former Consolidated Iron and Metals Site 1 Washington Street, Newburgh, New York

N

0 50 100 Feet

LaBella Powered by partnership.

Data Source: Orange County 2023, bing.com 2020-2023; LaBella 2015-2023.

Photo #1
Description: View of northern field area of Site, facing east from NW entrance.

Photo #2
Description: View of gravel walking path and western Site area, facing south.

Photo #3
Description: View of monitoring well MW-09 in sewer pumping station, facing south.

Photo #4
Description: View of site field area, facing southeast toward southern end of site.

Photo #5
Description: View of well MW-02 in central area of site, with groundwater sampling apparatus in place. View faces southeast.

Photo #6
Description: View of northern site area, facing west-northwest.

Photo #7
Description: View of eastern Site area, facing southeast, and rip-rap erosion blanket installed along Hudson River frontage.

Photo #8
Description: View of northwestern Site area and secured site access gate.

APPENDIX B

IC/EC Certification Forms for 2023

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. 336055

Site Name Consolidated Iron & Metal

Site Address: 1 Washington Street Zip Code: 12550
City/Town: Newburgh
County: Orange
Site Acreage: 8.330

Reporting Period: May 16, 2022 to May 16, 2023

	YES	NO
1. Is the information above correct?	X	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	X	☐
7. Are all ICs in place and functioning as designed?	X	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. 336055 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
40-3-3	City of Newburgh	Ground Water Use Restriction Soil Management Plan Monitoring Plan Site Management Plan Landuse Restriction

1. Groundwater Use restriction - Groundwater must be treated before use.

2. Land Use - Land may be used for no use more stringent than restricted residential.

3. A site management plan is in place which includes (a) a soil management plan for soils excavated below the demarcation layer; (b) a groundwater monitoring plan to monitor the levels of VOC, Cadmium, and lead present in the groundwater; (c) and a vapor intrusion evaluation and, if needed, the installation of a vapor mitigation system as a prerequisite for any new construction.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
40-3-3	Cover System Fencing/Access Control Subsurface Barriers

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) 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 generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
X	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) 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;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. 336055

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 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 Todd Venning (print name) at City Hall 83 Broadway Newburgh, NY 12550 (print business address),

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification * Per Res. 17-2023

6/13/23
Date

EC CERTIFICATIONS

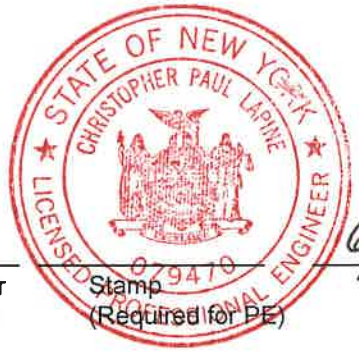
Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 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 Christopher Lapine at 21 Fox Street, Poughkeepsie, NY 12601
print name / print business address

am certifying as a Qualified Environmental Professional for the City of Newburgh
(Owner or Remedial Party)



Christopher Lapine
Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

6/15/23
Date

APPENDIX C

April 2023 Laboratory Analytical Report

Technical Report

prepared for:

LaBella Associates (Poughkeepsie)
21 Fox Street
Poughkeepsie NY, 12601
Attention: Eric Orlowski

Report Date: 05/01/2023
Client Project ID: 2231596 CONSOLIDATED IRON
York Project (SDG) No.: 23D1180

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE 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: 05/01/2023
Client Project ID: 2231596 CONSOLIDATED IRON
York Project (SDG) No.: 23D1180

LaBella Associates (Poughkeepsie)
21 Fox Street
Poughkeepsie NY, 12601
Attention: Eric Orlowski

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 20, 2023 and listed below. The project was identified as your project: **2231596 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 Sample and Analysis Qualifiers section of this report.

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23D1180-01	CIM-MW-01 0423	Water	04/19/2023	04/20/2023
23D1180-02	CIM-MW-02 0423	Water	04/19/2023	04/20/2023
23D1180-03	CIM-MW-03 0423	Water	04/19/2023	04/20/2023
23D1180-04	CIM-MW-04 0423	Water	04/19/2023	04/20/2023
23D1180-05	CIM-MW-06 0423	Water	04/19/2023	04/20/2023
23D1180-06	CIM-MW-07 0423	Water	04/19/2023	04/20/2023
23D1180-07	CIM-MW-08 0423	Water	04/19/2023	04/20/2023
23D1180-08	CIM-MW-09 0423	Water	04/19/2023	04/20/2023
23D1180-09	CIM-FD-01 0423	Water	04/19/2023	04/20/2023
23D1180-10	TRIP BLANK 0423	Water	04/18/2023	04/20/2023

General Notes for York Project (SDG) No.: 23D1180

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

Approved By:  **Date:** 05/01/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **CIM-MW-01 0423** **York Sample ID:** **23D1180-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 10:28 am	04/20/2023

Volatile Organics, CP-51 (STARS) 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
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.0	5.0	10	EPA 8260C	04/21/2023 12:30	04/21/2023 20:02	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.0	5.0	10	EPA 8260C	04/21/2023 12:30	04/21/2023 20:02	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/L	2.0	5.0	10	EPA 8260C	04/21/2023 12:30	04/21/2023 20:02	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-41-4	**Ethyl Benzene**	**120**		ug/L	2.0	5.0	10	EPA 8260C	04/21/2023 12:30	04/21/2023 20:02	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
98-82-8	**Isopropylbenzene**	**38**		ug/L	2.0	5.0	10	EPA 8260C	04/21/2023 12:30	04/21/2023 20:02	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**7.1**		ug/L	2.0	5.0	10	EPA 8260C	04/21/2023 12:30	04/21/2023 20:02	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
91-20-3	**Naphthalene**	**30**		ug/L	10	20	10	EPA 8260C	04/21/2023 12:30	04/21/2023 20:02	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**4.8**	J	ug/L	2.0	5.0	10	EPA 8260C	04/21/2023 12:30	04/21/2023 20:02	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
103-65-1	**n-Propylbenzene**	**89**		ug/L	2.0	5.0	10	EPA 8260C	04/21/2023 12:30	04/21/2023 20:02	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
95-47-6	o-Xylene	ND		ug/L	2.0	5.0	10	EPA 8260C	04/21/2023 12:30	04/21/2023 20:02	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	10	EPA 8260C	04/21/2023 12:30	04/21/2023 20:02	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	2.0	5.0	10	EPA 8260C	04/21/2023 12:30	04/21/2023 20:02	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	**sec-Butylbenzene**	**5.9**		ug/L	2.0	5.0	10	EPA 8260C	04/21/2023 12:30	04/21/2023 20:02	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
98-06-6	tert-Butylbenzene	ND		ug/L	2.0	5.0	10	EPA 8260C	04/21/2023 12:30	04/21/2023 20:02	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	**Toluene**	**2.3**	J	ug/L	2.0	5.0	10	EPA 8260C	04/21/2023 12:30	04/21/2023 20:02	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
1330-20-7	Xylenes, Total	ND		ug/L	6.0	15	10	EPA 8260C	04/21/2023 12:30	04/21/2023 20:02	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.3 %*	*79-122*

Semi-Volatiles, CP-51 (formerly STARS)-Low Level

Log-in Notes:

Sample Notes: **EXT-EM**

Sample Prepared by Method: EPA 3510C

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-01 0423 **York Sample ID:** 23D1180-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 10:28 am	04/20/2023

Semi-Volatiles, CP-51 (formerly STARS)-Low Level

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by 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**	**0.100**		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 14:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 14:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 14:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 14:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 14:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 14:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 14:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 14:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 14:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 14:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.0500**	J	ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 14:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 14:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 14:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**2.96**		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 14:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.0500**	J	ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 14:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.0500**	J	ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 14:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*45.0 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*40.6 %*		*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*41.8 %*		*30.7-106*

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	04/28/2023 08:30	04/28/2023 19:51	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **CIM-MW-01 0423** **York Sample ID:** **23D1180-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 10:28 am	04/20/2023

Sample Information

Client Sample ID: **CIM-MW-02 0423** **York Sample ID:** **23D1180-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 12:52 pm	04/20/2023

Volatile Organics, CP-51 (STARS) 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
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/24/2023 09:00	04/24/2023 12:59	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/24/2023 09:00	04/24/2023 12:59	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/24/2023 09:00	04/24/2023 12:59	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/24/2023 09:00	04/24/2023 12:59	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/24/2023 09:00	04/24/2023 12:59	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.40**	J	ug/L	0.20	0.50	1	EPA 8260C	04/24/2023 09:00	04/24/2023 12:59	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	04/24/2023 09:00	04/24/2023 12:59	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/24/2023 09:00	04/24/2023 12:59	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/24/2023 09:00	04/24/2023 12:59	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/24/2023 09:00	04/24/2023 12:59	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	04/24/2023 09:00	04/24/2023 12:59	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/24/2023 09:00	04/24/2023 12:59	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/24/2023 09:00	04/24/2023 12:59	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/24/2023 09:00	04/24/2023 12:59	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/24/2023 09:00	04/24/2023 12:59	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	04/24/2023 09:00	04/24/2023 12:59	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.3 %*	*81-117*

Sample Information

Client Sample ID: CIM-MW-02 0423 **York Sample ID:** 23D1180-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 12:52 pm	04/20/2023

Volatile Organics, CP-51 (STARS) 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
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.2 %*			*79-122*						

Semi-Volatiles, CP-51 (formerly STARS)-Low Level

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by 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	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 14:33	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 14:33	KH
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 14:33	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 14:33	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 14:33	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 14:33	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 14:33	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 14:33	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 14:33	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 14:33	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 14:33	KH
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 14:33	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 14:33	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 14:33	KH
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 14:33	KH
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 14:33	KH

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*31.8 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*44.7 %*		*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*49.8 %*		*30.7-106*

Sample Information

Client Sample ID: CIM-MW-02 0423 **York Sample ID:** 23D1180-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 12:52 pm	04/20/2023

Arsenic by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.0167	1	EPA 6010D	04/28/2023 08:30	04/28/2023 20:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	04/28/2023 08:30	04/28/2023 20:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CIM-MW-03 0423 **York Sample ID:** 23D1180-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 2:51 pm	04/20/2023

Volatile Organics, CP-51 (STARS) 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
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/24/2023 09:00	04/24/2023 13:28	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/24/2023 09:00	04/24/2023 13:28	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/24/2023 09:00	04/24/2023 13:28	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/24/2023 09:00	04/24/2023 13:28	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/24/2023 09:00	04/24/2023 13:28	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**2.3**		ug/L	0.20	0.50	1	EPA 8260C	04/24/2023 09:00	04/24/2023 13:28	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	04/24/2023 09:00	04/24/2023 13:28	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/24/2023 09:00	04/24/2023 13:28	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/24/2023 09:00	04/24/2023 13:28	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/24/2023 09:00	04/24/2023 13:28	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	04/24/2023 09:00	04/24/2023 13:28	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: CIM-MW-03 0423 **York Sample ID:** 23D1180-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 2:51 pm	04/20/2023

Volatile Organics, CP-51 (STARS) 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
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/24/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2023 13:28	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/24/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2023 13:28	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/24/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2023 13:28	SMA
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/24/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2023 13:28	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/24/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	04/24/2023 13:28	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.2 %*	*79-122*

Semi-Volatiles, CP-51 (formerly STARS)-Low Level

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by 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	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 15:04	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 15:04	KH
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 15:04	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 15:04	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 15:04	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 15:04	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 15:04	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 15:04	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 15:04	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 15:04	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 15:04	KH
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 15:04	KH

Sample Information

Client Sample ID: CIM-MW-03 0423 **York Sample ID:** 23D1180-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 2:51 pm	04/20/2023

Semi-Volatiles, CP-51 (formerly STARS)-Low Level

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 15:04	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 15:04	KH
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 15:04	KH
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 15:04	KH

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*6.44 %*	S-09	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*30.4 %*	S-09	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*36.2 %*		*30.7-106*

Lead by EPA 6010

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications:	04/28/2023 08:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/28/2023 20:16	CW

Sample Information

Client Sample ID: CIM-MW-04 0423 **York Sample ID:** 23D1180-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 4:27 pm	04/20/2023

Volatile Organics, CP-51 (STARS) 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
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/21/2023 21:29	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/21/2023 21:29	SMA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/21/2023 21:29	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/21/2023 21:29	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/21/2023 21:29	SMA

Sample Information

Client Sample ID: CIM-MW-04 0423 **York Sample ID:** 23D1180-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 4:27 pm	04/20/2023

Volatile Organics, CP-51 (STARS) 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)**	**2.3**		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 21:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	04/21/2023 12:30	04/21/2023 21:29	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 21:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 21:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 21:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	04/21/2023 12:30	04/21/2023 21:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 21:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 21:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 21:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 21:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	04/21/2023 12:30	04/21/2023 21:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*79-122*

Semi-Volatiles, CP-51 (formerly STARS)-Low Level

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by 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	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 15:34	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 15:34	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 15:34	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 15:34	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 15:34	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 15:34	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CIM-MW-04 0423 **York Sample ID:** 23D1180-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 4:27 pm	04/20/2023

Semi-Volatiles, CP-51 (formerly STARS)-Low Level **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 15:34	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 15:34	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 15:34	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 15:34	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 15:34	KH
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 15:34	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 15:34	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 15:34	KH
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 15:34	KH
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 15:34	KH

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*49.8 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*45.5 %*		*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*37.1 %*		*30.7-106*

Lead by EPA 6010 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications:	04/28/2023 08:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/28/2023 20:19	CW

Sample Information

Client Sample ID: CIM-MW-06 0423 **York Sample ID:** 23D1180-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 6:04 pm	04/20/2023

Volatile Organics, CP-51 (STARS) Low level **Log-in Notes:** **Sample Notes:**

Sample Information

Client Sample ID: CIM-MW-06 0423 **York Sample ID:** 23D1180-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 6:04 pm	04/20/2023

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30	04/21/2023 21:58	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30	04/21/2023 21:58	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30	04/21/2023 21:58	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30	04/21/2023 21:58	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30	04/21/2023 21:58	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30	04/21/2023 21:58	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/21/2023 12:30	04/21/2023 21:58	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30	04/21/2023 21:58	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30	04/21/2023 21:58	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30	04/21/2023 21:58	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/21/2023 12:30	04/21/2023 21:58	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30	04/21/2023 21:58	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30	04/21/2023 21:58	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30	04/21/2023 21:58	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30	04/21/2023 21:58	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/21/2023 12:30	04/21/2023 21:58	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.9 %*	*79-122*

Semi-Volatiles, CP-51 (formerly STARS)-Low Level **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by 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	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08	04/27/2023 16:04	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08	04/27/2023 16:04	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: CIM-MW-06 0423 **York Sample ID:** 23D1180-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 6:04 pm	04/20/2023

Semi-Volatiles, CP-51 (formerly STARS)-Low Level

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by 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	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 16:04	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 16:04	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 16:04	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 16:04	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 16:04	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 16:04	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 16:04	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 16:04	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 16:04	KH
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 16:04	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 16:04	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 16:04	KH
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 16:04	KH
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	04/25/2023 15:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 16:04	KH

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*71.5 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*35.2 %*	S-08	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*38.2 %*		*30.7-106*

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications:	04/28/2023 08:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/28/2023 20:22	CW

Sample Information

Client Sample ID: CIM-MW-07 0423 **York Sample ID:** 23D1180-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 3:46 pm	04/20/2023

Volatile Organics, CP-51 (STARS) 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
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:27	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:27	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:27	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:27	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:27	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**2.1**		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:27	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:27	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:27	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:27	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:27	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:27	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:27	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:27	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:27	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:27	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:27	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.2 %*	*79-122*

Semi-Volatiles, CP-51 (formerly STARS)-Low Level

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

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-07 0423 **York Sample ID:** 23D1180-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 3:46 pm	04/20/2023

Semi-Volatiles, CP-51 (formerly STARS)-Low Level

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by 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**	**0.280**		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 16:35	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 16:35	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.0500**	J	ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 16:35	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 16:35	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 16:35	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 16:35	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 16:35	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 16:35	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 16:35	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 16:35	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.150**		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 16:35	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.130**		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 16:35	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 16:35	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 16:35	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.460**		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 16:35	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.150**		ug/L	0.0500	0.0500	1	EPA 8270D	04/25/2023 15:08	04/27/2023 16:35	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*35.2 %*	S-09	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*27.2 %*	S-09	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*34.1 %*		*30.7-106*

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	04/28/2023 08:30	04/28/2023 20:25	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **CIM-MW-07 0423** **York Sample ID:** **23D1180-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 3:46 pm	04/20/2023

Sample Information

Client Sample ID: **CIM-MW-08 0423** **York Sample ID:** **23D1180-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 5:11 pm	04/20/2023

Volatile Organics, CP-51 (STARS) 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
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:56	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:56	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:56	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:56	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:56	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.25**	J	ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:56	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:56	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:56	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:56	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:56	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:56	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:56	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:56	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:56	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:56	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	04/21/2023 12:30	04/21/2023 22:56	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.4 %*	*81-117*

Sample Information

Client Sample ID: CIM-MW-08 0423 **York Sample ID:** 23D1180-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 5:11 pm	04/20/2023

Volatile Organics, CP-51 (STARS) 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
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.3 %*			*79-122*						

Semi-Volatiles, CP-51 (formerly STARS)-Low Level

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	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:05	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:05	KH
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:05	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:05	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:05	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:05	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:05	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:05	KH
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:05	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:05	KH
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:05	KH
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:05	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:05	KH
91-20-3	Naphthalene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:05	KH
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:05	KH
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:05	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*71.2 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.4 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*69.9 %*	*30.7-106*

Sample Information

Client Sample ID: CIM-MW-08 0423 **York Sample ID:** 23D1180-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 5:11 pm	04/20/2023

Lead by EPA 6010 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**0.0265**		mg/L	0.00556	1	EPA 6010D	04/28/2023 08:30	04/28/2023 20:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CIM-MW-09 0423 **York Sample ID:** 23D1180-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 11:46 am	04/20/2023

Volatile Organics, CP-51 (STARS) 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
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 23:25	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 23:25	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	**Benzene**	**2.0**		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 23:25	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 23:25	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 23:25	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 23:25	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	04/21/2023 12:30	04/21/2023 23:25	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 23:25	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 23:25	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 23:25	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	04/21/2023 12:30	04/21/2023 23:25	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 23:25	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 23:25	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 23:25	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: CIM-MW-09 0423 **York Sample ID:** 23D1180-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 11:46 am	04/20/2023

Volatile Organics, CP-51 (STARS) 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:	04/21/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/21/2023 23:25	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/21/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	04/21/2023 23:25	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.3 %*	*79-122*

Semi-Volatiles, CP-51 (formerly STARS)-Low Level

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	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:35	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:35	KH
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:35	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:35	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:35	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:35	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:35	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:35	KH
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:35	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:35	KH
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:35	KH
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:35	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:35	KH
91-20-3	Naphthalene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:35	KH
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	04/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/24/2023 23:35	KH

Sample Information

Client Sample ID: CIM-MW-09 0423 **York Sample ID:** 23D1180-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 11:46 am	04/20/2023

Semi-Volatiles, CP-51 (formerly STARS)-Low Level

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
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	04/23/2023 09:00	04/24/2023 23:35	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*60.9 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.9 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*47.4 %*	*30.7-106*

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	04/28/2023 08:30	04/28/2023 20:31	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CIM-FD-01 0423 **York Sample ID:** 23D1180-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 3:00 pm	04/20/2023

Volatile Organics, CP-51 (STARS) 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
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.0	5.0	10	EPA 8260C	04/21/2023 12:30	04/21/2023 23:54	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.0	5.0	10	EPA 8260C	04/21/2023 12:30	04/21/2023 23:54	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	**Benzene**	**12**		ug/L	2.0	5.0	10	EPA 8260C	04/21/2023 12:30	04/21/2023 23:54	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
100-41-4	**Ethyl Benzene**	**120**		ug/L	2.0	5.0	10	EPA 8260C	04/21/2023 12:30	04/21/2023 23:54	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
98-82-8	**Isopropylbenzene**	**37**		ug/L	2.0	5.0	10	EPA 8260C	04/21/2023 12:30	04/21/2023 23:54	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**7.2**		ug/L	2.0	5.0	10	EPA 8260C	04/21/2023 12:30	04/21/2023 23:54	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
91-20-3	**Naphthalene**	**30**		ug/L	10	20	10	EPA 8260C	04/21/2023 12:30	04/21/2023 23:54	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**6.9**		ug/L	2.0	5.0	10	EPA 8260C	04/21/2023 12:30	04/21/2023 23:54	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		

Sample Information

Client Sample ID: CIM-FD-01 0423 **York Sample ID:** 23D1180-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 3:00 pm	04/20/2023

Volatile Organics, CP-51 (STARS) 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
103-65-1	**n-Propylbenzene**	**88**		ug/L	2.0	5.0	10	EPA 8260C	04/21/2023 12:30	04/21/2023 23:54	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
95-47-6	o-Xylene	ND		ug/L	2.0	5.0	10	EPA 8260C	04/21/2023 12:30	04/21/2023 23:54	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	10	EPA 8260C	04/21/2023 12:30	04/21/2023 23:54	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	2.0	5.0	10	EPA 8260C	04/21/2023 12:30	04/21/2023 23:54	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	**sec-Butylbenzene**	**5.6**		ug/L	2.0	5.0	10	EPA 8260C	04/21/2023 12:30	04/21/2023 23:54	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
98-06-6	tert-Butylbenzene	ND		ug/L	2.0	5.0	10	EPA 8260C	04/21/2023 12:30	04/21/2023 23:54	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	**Toluene**	**2.3**	J	ug/L	2.0	5.0	10	EPA 8260C	04/21/2023 12:30	04/21/2023 23:54	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
1330-20-7	Xylenes, Total	ND		ug/L	6.0	15	10	EPA 8260C	04/21/2023 12:30	04/21/2023 23:54	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.3 %*	*79-122*

Semi-Volatiles, CP-51 (formerly STARS)-Low Level

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by 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**	**0.162**		ug/L	0.0541	0.0541	1	EPA 8270D	04/25/2023 15:08	04/27/2023 17:05	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D	04/25/2023 15:08	04/27/2023 17:05	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D	04/25/2023 15:08	04/27/2023 17:05	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D	04/25/2023 15:08	04/27/2023 17:05	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D	04/25/2023 15:08	04/27/2023 17:05	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D	04/25/2023 15:08	04/27/2023 17:05	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D	04/25/2023 15:08	04/27/2023 17:05	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D	04/25/2023 15:08	04/27/2023 17:05	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/L	0.0541	0.0541	1	EPA 8270D	04/25/2023 15:08	04/27/2023 17:05	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CIM-FD-01 0423 **York Sample ID:** 23D1180-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 19, 2023 3:00 pm	04/20/2023

Semi-Volatiles, CP-51 (formerly STARS)-Low Level

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D	04/25/2023 15:08	04/27/2023 17:05	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.0757**		ug/L	0.0541	0.0541	1	EPA 8270D	04/25/2023 15:08	04/27/2023 17:05	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.0649**		ug/L	0.0541	0.0541	1	EPA 8270D	04/25/2023 15:08	04/27/2023 17:05	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D	04/25/2023 15:08	04/27/2023 17:05	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**7.39**		ug/L	2.70	5.41	1	EPA 8270D	04/25/2023 15:08	04/26/2023 14:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.0973**		ug/L	0.0541	0.0541	1	EPA 8270D	04/25/2023 15:08	04/27/2023 17:05	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.0757**		ug/L	0.0541	0.0541	1	EPA 8270D	04/25/2023 15:08	04/27/2023 17:05	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*70.1 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.7 %*		*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*21.9 %*	S-08	*30.7-106*

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	04/28/2023 08:30	04/28/2023 20:34	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: TRIP BLANK 0423 **York Sample ID:** 23D1180-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 18, 2023 6:10 pm	04/20/2023

Volatile Organics, CP-51 (STARS) 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
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 19:33	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/21/2023 12:30	04/21/2023 19:33	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: TRIP BLANK 0423 **York Sample ID:** 23D1180-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1180	2231596 CONSOLIDATED IRON	Water	April 18, 2023 6:10 pm	04/20/2023

Volatile Organics, CP-51 (STARS) 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
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/21/2023 19:33	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/21/2023 19:33	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/21/2023 19:33	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/21/2023 19:33	SMA
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/21/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2023 19:33	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/21/2023 19:33	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/21/2023 19:33	SMA
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	04/21/2023 19:33	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/21/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	04/21/2023 19:33	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/21/2023 19:33	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/21/2023 19:33	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/21/2023 19:33	SMA
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/21/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/21/2023 19:33	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/21/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	04/21/2023 19:33	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*79-122*

Analytical Batch Summary

Batch ID: BD31468 **Preparation Method:** EPA 5030B **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
23D1180-01	CIM-MW-01 0423	04/21/23
23D1180-04	CIM-MW-04 0423	04/21/23
23D1180-05	CIM-MW-06 0423	04/21/23
23D1180-06	CIM-MW-07 0423	04/21/23
23D1180-07	CIM-MW-08 0423	04/21/23
23D1180-08	CIM-MW-09 0423	04/21/23
23D1180-09	CIM-FD-01 0423	04/21/23
23D1180-10	TRIP BLANK 0423	04/21/23
BD31468-BLK1	Blank	04/21/23
BD31468-BS1	LCS	04/21/23
BD31468-BSD1	LCS Dup	04/21/23
BD31468-MS1	Matrix Spike	04/21/23
BD31468-MSD1	Matrix Spike Dup	04/21/23

Batch ID: BD31480 **Preparation Method:** EPA 3510C **Prepared By:** moa

YORK Sample ID	Client Sample ID	Preparation Date
23D1180-07	CIM-MW-08 0423	04/23/23
23D1180-08	CIM-MW-09 0423	04/23/23
BD31480-BLK1	Blank	04/23/23
BD31480-BS1	LCS	04/23/23
BD31480-BSD1	LCS Dup	04/23/23

Batch ID: BD31540 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23D1180-02	CIM-MW-02 0423	04/24/23
23D1180-03	CIM-MW-03 0423	04/24/23
BD31540-BLK1	Blank	04/24/23
BD31540-BS1	LCS	04/24/23
BD31540-MS1	Matrix Spike	04/24/23
BD31540-MSD1	Matrix Spike Dup	04/24/23

Batch ID: BD31636 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
23D1180-01	CIM-MW-01 0423	04/25/23
23D1180-02	CIM-MW-02 0423	04/25/23
23D1180-03	CIM-MW-03 0423	04/25/23
23D1180-04	CIM-MW-04 0423	04/25/23
23D1180-05	CIM-MW-06 0423	04/25/23
23D1180-06	CIM-MW-07 0423	04/25/23
23D1180-09	CIM-FD-01 0423	04/25/23
BD31636-BLK1	Blank	04/25/23

BD31636-BS1	LCS	04/25/23
BD31636-MS1	Matrix Spike	04/25/23
BD31636-MSD1	Matrix Spike Dup	04/25/23

Batch ID: BD31955 **Preparation Method:** EPA 3015A **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23D1180-01	CIM-MW-01 0423	04/28/23
23D1180-02	CIM-MW-02 0423	04/28/23
23D1180-03	CIM-MW-03 0423	04/28/23
23D1180-04	CIM-MW-04 0423	04/28/23
23D1180-05	CIM-MW-06 0423	04/28/23
23D1180-06	CIM-MW-07 0423	04/28/23
23D1180-07	CIM-MW-08 0423	04/28/23
23D1180-08	CIM-MW-09 0423	04/28/23
23D1180-09	CIM-FD-01 0423	04/28/23
BD31955-BLK1	Blank	04/28/23
BD31955-BS1	LCS	04/28/23
BD31955-DUP1	Duplicate	04/28/23
BD31955-MS1	Matrix Spike	04/28/23
BD31955-PS1	Post Spike	04/28/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31468 - EPA 5030B											
Blank (BD31468-BLK1)										Prepared & Analyzed: 04/21/2023	
1,2,4-Trimethylbenzene	ND	0.50	ug/L								
1,3,5-Trimethylbenzene	ND	0.50	"								
Benzene	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Toluene	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.95*		*"*	*10.0*		*99.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.85*		*"*	*10.0*		*98.5*	*79-122*				
LCS (BD31468-BS1)										Prepared & Analyzed: 04/21/2023	
1,2,4-Trimethylbenzene	10		ug/L	10.0		102	82-132				
1,3,5-Trimethylbenzene	9.9		"	10.0		98.8	80-131				
Benzene	11		"	10.0		108	85-126				
Ethyl Benzene	11		"	10.0		107	80-131				
Isopropylbenzene	10		"	10.0		99.7	76-140				
Methyl tert-butyl ether (MTBE)	9.9		"	10.0		99.0	76-135				
Naphthalene	8.6		"	10.0		85.5	70-147				
n-Butylbenzene	9.4		"	10.0		93.8	79-132				
n-Propylbenzene	10		"	10.0		99.8	78-133				
o-Xylene	11		"	10.0		106	78-130				
p- & m- Xylenes	22		"	20.0		110	77-133				
p-Isopropyltoluene	10		"	10.0		102	81-136				
sec-Butylbenzene	10		"	10.0		102	79-137				
tert-Butylbenzene	10		"	10.0		102	77-138				
Toluene	11		"	10.0		106	80-127				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.96*		*"*	*10.0*		*99.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.38*		*"*	*10.0*		*93.8*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31468 - EPA 5030B											
LCS Dup (BD31468-BSD1)								Prepared & Analyzed: 04/21/2023			
1,2,4-Trimethylbenzene	9.7		ug/L	10.0		96.9	82-132		4.74	30	
1,3,5-Trimethylbenzene	9.3		"	10.0		93.4	80-131		5.62	30	
Benzene	10		"	10.0		104	85-126		3.50	30	
Ethyl Benzene	10		"	10.0		102	80-131		4.68	30	
Isopropylbenzene	9.4		"	10.0		93.5	76-140		6.42	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		101	76-135		1.90	30	
Naphthalene	8.8		"	10.0		88.5	70-147		3.45	30	
n-Butylbenzene	8.8		"	10.0		87.7	79-132		6.72	30	
n-Propylbenzene	9.4		"	10.0		94.2	78-133		5.77	30	
o-Xylene	10		"	10.0		102	78-130		3.57	30	
p- & m- Xylenes	21		"	20.0		105	77-133		4.84	30	
p-Isopropyltoluene	9.5		"	10.0		95.3	81-136		6.40	30	
sec-Butylbenzene	9.5		"	10.0		95.1	79-137		6.51	30	
tert-Butylbenzene	9.6		"	10.0		95.7	77-138		5.98	30	
Toluene	10		"	10.0		102	80-127		4.33	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.88*		*"*	*10.0*		*98.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.28*		*"*	*10.0*		*92.8*	*79-122*				
Matrix Spike (BD31468-MS1)	*Source sample: 23D1180-01 (CIM-MW-01 0423)							Prepared: 04/21/2023 Analyzed: 04/22/2023			
1,2,4-Trimethylbenzene	13		ug/L	10.0	0.0	128	72-129				
1,3,5-Trimethylbenzene	13		"	10.0	0.0	127	69-126	High Bias			
Benzene	16		"	10.0	0.0	160	38-155	High Bias			
Ethyl Benzene	26		"	10.0	120	NR	72-128	Low Bias			
Isopropylbenzene	17		"	10.0	38	NR	66-139	Low Bias			
Methyl tert-butyl ether (MTBE)	14		"	10.0	7.1	72.1	75-128	Low Bias			
Naphthalene	13		"	10.0	30	NR	39-158	Low Bias			
n-Butylbenzene	11		"	10.0	4.8	60.3	61-138	Low Bias			
n-Propylbenzene	21		"	10.0	89	NR	66-134	Low Bias			
o-Xylene	14		"	10.0	0.0	142	69-126	High Bias			
p- & m- Xylenes	29		"	20.0	4.0	125	67-130				
p-Isopropyltoluene	12		"	10.0	0.0	119	64-137				
sec-Butylbenzene	13		"	10.0	5.9	71.3	53-155				
tert-Butylbenzene	13		"	10.0	0.0	134	65-139				
Toluene	15		"	10.0	2.3	124	76-123	High Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.86*		*"*	*10.0*		*98.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.63*		*"*	*10.0*		*96.3*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31468 - EPA 5030B											
Matrix Spike Dup (BD31468-MSD1)	*Source sample: 23D1180-01 (CIM-MW-01 0423)								Prepared: 04/21/2023 Analyzed: 04/22/2023		
1,2,4-Trimethylbenzene	13		ug/L	10.0	0.0	125	72-129		2.44	30	
1,3,5-Trimethylbenzene	12		"	10.0	0.0	124	69-126		3.03	30	
Benzene	16		"	10.0	0.0	162	38-155	High Bias	1.06	30	
Ethyl Benzene	25		"	10.0	120	NR	72-128	Low Bias	NR	30	
Isopropylbenzene	17		"	10.0	38	NR	66-139	Low Bias	NR	30	
Methyl tert-butyl ether (MTBE)	15		"	10.0	7.1	74.6	75-128	Low Bias	3.41	30	
Naphthalene	14		"	10.0	30	NR	39-158	Low Bias	NR	30	
n-Butylbenzene	11		"	10.0	4.8	57.2	61-138	Low Bias	5.28	30	
n-Propylbenzene	21		"	10.0	89	NR	66-134	Low Bias	NR	30	
o-Xylene	14		"	10.0	0.0	141	69-126	High Bias	0.354	30	
p- & m- Xylenes	29		"	20.0	4.0	123	67-130		1.49	30	
p-Isopropyltoluene	12		"	10.0	0.0	116	64-137		2.82	30	
sec-Butylbenzene	13		"	10.0	5.9	68.6	53-155		3.86	30	
tert-Butylbenzene	13		"	10.0	0.0	131	65-139		1.66	30	
Toluene	15		"	10.0	2.3	125	76-123	High Bias	1.29	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.86*		*"*	*10.0*		*98.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.51*		*"*	*10.0*		*95.1*	*79-122*				
Batch BD31540 - EPA 5030B											
Blank (BD31540-BLK1)									Prepared & Analyzed: 04/24/2023		
1,2,4-Trimethylbenzene	ND	0.50	ug/L								
1,3,5-Trimethylbenzene	ND	0.50	"								
Benzene	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Toluene	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.99*		*"*	*10.0*		*99.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.87*		*"*	*10.0*		*98.7*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31540 - EPA 5030B											
LCS (BD31540-BS1)							Prepared & Analyzed: 04/24/2023				
1,2,4-Trimethylbenzene	10		ug/L	10.0		99.7	82-132				
1,3,5-Trimethylbenzene	9.6		"	10.0		95.9	80-131				
Benzene	10		"	10.0		103	85-126				
Ethyl Benzene	10		"	10.0		104	80-131				
Isopropylbenzene	9.6		"	10.0		96.0	76-140				
Methyl tert-butyl ether (MTBE)	9.6		"	10.0		95.6	76-135				
Naphthalene	8.9		"	10.0		89.2	70-147				
n-Butylbenzene	8.1		"	10.0		80.7	79-132				
n-Propylbenzene	9.8		"	10.0		97.7	78-133				
o-Xylene	10		"	10.0		103	78-130				
p- & m- Xylenes	21		"	20.0		107	77-133				
p-Isopropyltoluene	10		"	10.0		101	81-136				
sec-Butylbenzene	10		"	10.0		101	79-137				
tert-Butylbenzene	9.9		"	10.0		98.9	77-138				
Toluene	10		"	10.0		102	80-127				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.93*		*"*	*10.0*		*99.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.30*		*"*	*10.0*		*93.0*	*79-122*				
Matrix Spike (BD31540-MS1)	*Source sample: 23D1238-03 (Matrix Spike)						Prepared & Analyzed: 04/24/2023				
1,2,4-Trimethylbenzene	12		ug/L	10.0	0.0	119	72-129				
1,3,5-Trimethylbenzene	12		"	10.0	0.0	116	69-126				
Benzene	15		"	10.0	0.0	147	38-155				
Ethyl Benzene	13		"	10.0	0.0	134	72-128	High Bias			
Isopropylbenzene	12		"	10.0	0.0	124	66-139				
Methyl tert-butyl ether (MTBE)	13		"	10.0	0.0	129	75-128	High Bias			
Naphthalene	10		"	10.0	0.0	104	39-158				
n-Butylbenzene	8.8		"	10.0	0.0	88.1	61-138				
n-Propylbenzene	12		"	10.0	0.0	119	66-134				
o-Xylene	14		"	10.0	0.38	132	69-126	High Bias			
p- & m- Xylenes	27		"	20.0	0.25	135	67-130	High Bias			
p-Isopropyltoluene	11		"	10.0	0.0	112	64-137				
sec-Butylbenzene	12		"	10.0	0.37	118	53-155				
tert-Butylbenzene	13		"	10.0	0.27	123	65-139				
Toluene	14		"	10.0	0.0	136	76-123	High Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.87*		*"*	*10.0*		*98.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.51*		*"*	*10.0*		*95.1*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31540 - EPA 5030B											
Matrix Spike Dup (BD31540-MSD1)	*Source sample: 23D1238-03 (Matrix Spike Dup)								Prepared & Analyzed: 04/24/2023		
1,2,4-Trimethylbenzene	12		ug/L	10.0	0.0	116	72-129		2.47	30	
1,3,5-Trimethylbenzene	11		"	10.0	0.0	113	69-126		2.27	30	
Benzene	15		"	10.0	0.0	146	38-155		0.546	30	
Ethyl Benzene	13		"	10.0	0.0	131	72-128	High Bias	1.96	30	
Isopropylbenzene	12		"	10.0	0.0	121	66-139		2.12	30	
Methyl tert-butyl ether (MTBE)	13		"	10.0	0.0	129	75-128	High Bias	0.0777	30	
Naphthalene	11		"	10.0	0.0	108	39-158		3.60	30	
n-Butylbenzene	9.1		"	10.0	0.0	91.0	61-138		3.24	30	
n-Propylbenzene	12		"	10.0	0.0	117	66-134		1.44	30	
o-Xylene	13		"	10.0	0.38	129	69-126	High Bias	2.15	30	
p- & m- Xylenes	27		"	20.0	0.25	133	67-130	High Bias	1.64	30	
p-Isopropyltoluene	11		"	10.0	0.0	113	64-137		0.178	30	
sec-Butylbenzene	12		"	10.0	0.37	118	53-155		0.679	30	
tert-Butylbenzene	12		"	10.0	0.27	121	65-139		1.88	30	
Toluene	13		"	10.0	0.0	133	76-123	High Bias	2.16	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.77*		*"*	*10.0*		*97.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.43*		*"*	*10.0*		*94.3*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31480 - EPA 3510C											
Blank (BD31480-BLK1)											Prepared: 04/23/2023 Analyzed: 04/24/2023
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	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
Surrogate: SURR: Nitrobenzene-d5	*12.9*		*"*	*25.0*		*51.5*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*11.8*		*"*	*25.0*		*47.1*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*15.0*		*"*	*25.0*		*60.2*	*30.7-106*				
LCS (BD31480-BS1)											Prepared: 04/23/2023 Analyzed: 04/24/2023
Acenaphthene	10.5	0.0500	ug/L	25.0		41.9	24-114				
Acenaphthylene	10.0	0.0500	"	25.0		40.0	26-112				
Anthracene	11.2	0.0500	"	25.0		44.9	35-114				
Benzo(a)anthracene	11.7	0.0500	"	25.0		46.8	38-127				
Benzo(a)pyrene	10.6	0.0500	"	25.0		42.6	30-146				
Benzo(b)fluoranthene	12.0	0.0500	"	25.0		48.2	36-145				
Benzo(g,h,i)perylene	12.3	0.0500	"	25.0		49.1	10-163				
Benzo(k)fluoranthene	12.5	0.0500	"	25.0		49.8	16-149				
Chrysene	11.9	0.0500	"	25.0		47.6	33-120				
Dibenzo(a,h)anthracene	11.9	0.0500	"	25.0		47.6	10-149				
Fluoranthene	11.7	0.0500	"	25.0		46.8	33-126				
Fluorene	11.2	0.0500	"	25.0		44.8	28-117				
Indeno(1,2,3-cd)pyrene	11.4	0.0500	"	25.0		45.4	10-150				
Naphthalene	10.3	0.0500	"	25.0		41.2	30-99				
Phenanthrene	11.5	0.0500	"	25.0		46.0	31-112				
Pyrene	11.2	0.0500	"	25.0		44.7	42-125				
Surrogate: SURR: Nitrobenzene-d5	*20.1*		*"*	*25.0*		*80.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.5*		*"*	*25.0*		*74.0*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*22.0*		*"*	*25.0*		*87.9*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31480 - EPA 3510C											
LCS Dup (BD31480-BSD1)								Prepared: 04/23/2023 Analyzed: 04/24/2023			
Acenaphthene	16.4	0.0500	ug/L	25.0		65.8	24-114		44.3	20	Non-dir.
Acenaphthylene	15.4	0.0500	"	25.0		61.6	26-112		42.5	20	Non-dir.
Anthracene	18.4	0.0500	"	25.0		73.6	35-114		48.5	20	Non-dir.
Benzo(a)anthracene	18.8	0.0500	"	25.0		75.1	38-127		46.4	20	Non-dir.
Benzo(a)pyrene	17.1	0.0500	"	25.0		68.4	30-146		46.5	20	Non-dir.
Benzo(b)fluoranthene	19.2	0.0500	"	25.0		76.6	36-145		45.6	20	Non-dir.
Benzo(g,h,i)perylene	19.5	0.0500	"	25.0		77.9	10-163		45.4	20	Non-dir.
Benzo(k)fluoranthene	19.8	0.0500	"	25.0		79.2	16-149		45.6	20	Non-dir.
Chrysene	18.9	0.0500	"	25.0		75.7	33-120		45.6	20	Non-dir.
Dibenzo(a,h)anthracene	18.9	0.0500	"	25.0		75.8	10-149		45.7	20	Non-dir.
Fluoranthene	18.8	0.0500	"	25.0		75.2	33-126		46.6	20	Non-dir.
Fluorene	17.8	0.0500	"	25.0		71.2	28-117		45.5	20	Non-dir.
Indeno(1,2,3-cd)pyrene	18.3	0.0500	"	25.0		73.0	10-150		46.6	20	Non-dir.
Naphthalene	16.2	0.0500	"	25.0		64.8	30-99		44.7	20	Non-dir.
Phenanthrene	18.3	0.0500	"	25.0		73.2	31-112		45.7	20	Non-dir.
Pyrene	17.8	0.0500	"	25.0		71.0	42-125		45.5	20	Non-dir.
Surrogate: SURR: Nitrobenzene-d5	*21.0*		*"*	*25.0*		*84.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*19.1*		*"*	*25.0*		*76.2*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*23.0*		*"*	*25.0*		*92.1*	*30.7-106*				
Batch BD31636 - EPA 3510C											
Blank (BD31636-BLK1)								Prepared: 04/25/2023 Analyzed: 04/26/2023			
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	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
Surrogate: SURR: Nitrobenzene-d5	*12.5*		*"*	*25.0*		*50.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*11.8*		*"*	*25.0*		*47.1*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*14.6*		*"*	*25.0*		*58.4*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31636 - EPA 3510C											
LCS (BD31636-BS1)								Prepared: 04/25/2023 Analyzed: 04/26/2023			
Acenaphthene	14.3	0.0500	ug/L	25.0		57.2	24-114				
Acenaphthylene	13.7	0.0500	"	25.0		54.9	26-112				
Anthracene	16.3	0.0500	"	25.0		65.1	35-114				
Benzo(a)anthracene	16.2	0.0500	"	25.0		64.7	38-127				
Benzo(a)pyrene	15.5	0.0500	"	25.0		62.2	30-146				
Benzo(b)fluoranthene	16.6	0.0500	"	25.0		66.6	36-145				
Benzo(g,h,i)perylene	16.1	0.0500	"	25.0		64.5	10-163				
Benzo(k)fluoranthene	17.1	0.0500	"	25.0		68.4	16-149				
Chrysene	16.1	0.0500	"	25.0		64.4	33-120				
Dibenzo(a,h)anthracene	16.0	0.0500	"	25.0		63.9	10-149				
Fluoranthene	16.0	0.0500	"	25.0		64.2	33-126				
Fluorene	15.7	0.0500	"	25.0		62.8	28-117				
Indeno(1,2,3-cd)pyrene	15.6	0.0500	"	25.0		62.4	10-150				
Naphthalene	14.4	0.0500	"	25.0		57.6	30-99				
Phenanthrene	15.6	0.0500	"	25.0		62.5	31-112				
Pyrene	15.0	0.0500	"	25.0		59.9	42-125				
Surrogate: SURR: Nitrobenzene-d5	*15.0*		*"*	*25.0*		*60.1*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.3*		*"*	*25.0*		*57.1*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*16.6*		*"*	*25.0*		*66.4*	*30.7-106*				
Matrix Spike (BD31636-MS1)	*Source sample: 23D1180-01 (CIM-MW-01 0423)							Prepared: 04/25/2023 Analyzed: 04/26/2023			
Acenaphthene	19.5	0.0500	ug/L	25.0	0.100	77.6	17-132				
Acenaphthylene	18.2	0.0500	"	25.0	ND	72.9	13-124				
Anthracene	23.1	0.0500	"	25.0	ND	92.4	40-105				
Benzo(a)anthracene	23.4	0.0500	"	25.0	ND	93.7	23-141				
Benzo(a)pyrene	21.4	0.0500	"	25.0	ND	85.7	46-118				
Benzo(b)fluoranthene	23.3	0.0500	"	25.0	ND	93.2	22-133				
Benzo(g,h,i)perylene	22.8	0.0500	"	25.0	ND	91.3	10-126				
Benzo(k)fluoranthene	23.9	0.0500	"	25.0	ND	95.5	18-152				
Chrysene	23.0	0.0500	"	25.0	ND	91.9	30-127				
Dibenzo(a,h)anthracene	22.3	0.0500	"	25.0	ND	89.2	10-131				
Fluoranthene	22.9	0.0500	"	25.0	0.0500	91.3	29-123				
Fluorene	21.6	0.0500	"	25.0	ND	86.6	20-133				
Indeno(1,2,3-cd)pyrene	21.9	0.0500	"	25.0	ND	87.6	10-130				
Naphthalene	32.5	0.0500	"	25.0	2.96	118	26-104	High Bias			
Phenanthrene	22.2	0.0500	"	25.0	0.0500	88.4	29-121				
Pyrene	22.3	0.0500	"	25.0	0.0500	89.1	34-129				
Surrogate: SURR: Nitrobenzene-d5	*19.1*		*"*	*25.0*		*76.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.8*		*"*	*25.0*		*75.2*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*23.9*		*"*	*25.0*		*95.7*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31636 - EPA 3510C											
Matrix Spike Dup (BD31636-MSD1)	*Source sample: 23D1180-01 (CIM-MW-01 0423)								Prepared: 04/25/2023 Analyzed: 04/26/2023		
Acenaphthene	12.8	0.0500	ug/L	25.0	0.100	50.7	17-132		41.8	20	Non-dir.
Acenaphthylene	11.8	0.0500	"	25.0	ND	47.1	13-124		42.9	20	Non-dir.
Anthracene	19.6	0.0500	"	25.0	ND	78.6	40-105		16.1	20	
Benzo(a)anthracene	21.3	0.0500	"	25.0	ND	85.4	23-141		9.34	20	
Benzo(a)pyrene	19.4	0.0500	"	25.0	ND	77.8	46-118		9.69	20	
Benzo(b)fluoranthene	21.2	0.0500	"	25.0	ND	85.0	22-133		9.20	20	
Benzo(g,h,i)perylene	20.7	0.0500	"	25.0	ND	82.9	10-126		9.64	20	
Benzo(k)fluoranthene	21.6	0.0500	"	25.0	ND	86.4	18-152		10.0	20	
Chrysene	21.1	0.0500	"	25.0	ND	84.4	30-127		8.53	20	
Dibenzo(a,h)anthracene	20.4	0.0500	"	25.0	ND	81.7	10-131		8.75	20	
Fluoranthene	20.8	0.0500	"	25.0	0.0500	83.2	29-123		9.28	20	
Fluorene	15.6	0.0500	"	25.0	ND	62.2	20-133		32.8	20	Non-dir.
Indeno(1,2,3-cd)pyrene	20.0	0.0500	"	25.0	ND	79.8	10-130		9.27	20	
Naphthalene	18.4	0.0500	"	25.0	2.96	61.8	26-104		55.5	20	Non-dir.
Phenanthrene	18.9	0.0500	"	25.0	0.0500	75.2	29-121		16.0	20	
Pyrene	20.0	0.0500	"	25.0	0.0500	79.6	34-129		11.2	20	
Surrogate: SURR: Nitrobenzene-d5	*11.8*		*"*	*25.0*		*47.3*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*11.4*		*"*	*25.0*		*45.4*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*22.4*		*"*	*25.0*		*89.7*	*30.7-106*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31955 - EPA 3015A											
Blank (BD31955-BLK1)									Prepared & Analyzed: 04/28/2023		
Arsenic	ND	0.0167	mg/L								
Lead	ND	0.00556	"								
LCS (BD31955-BS1)									Prepared & Analyzed: 04/28/2023		
Arsenic	1.71		ug/mL	2.00		85.5	80-120				
Lead	0.450		"	0.500		90.1	80-120				
Duplicate (BD31955-DUP1)	*Source sample: 23D1180-01 (CIM-MW-01 0423)								Prepared & Analyzed: 04/28/2023		
Arsenic	ND	0.0167	mg/L		ND					20	
Lead	ND	0.00556	"		ND					20	
Matrix Spike (BD31955-MS1)	*Source sample: 23D1180-01 (CIM-MW-01 0423)								Prepared & Analyzed: 04/28/2023		
Arsenic	2.03	0.0167	mg/L	2.22	ND	91.3	75-125				
Lead	0.487	0.00556	"	0.556	ND	87.6	75-125				
Post Spike (BD31955-PS1)	*Source sample: 23D1180-01 (CIM-MW-01 0423)								Prepared & Analyzed: 04/28/2023		
Arsenic	2.15		ug/mL	2.00	-0.00745	108	75-125				
Lead	0.515		"	0.500	-0.00341	103	75-125				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23D1180-01	CIM-MW-01 0423	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1180-02	CIM-MW-02 0423	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1180-03	CIM-MW-03 0423	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1180-04	CIM-MW-04 0423	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1180-05	CIM-MW-06 0423	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1180-06	CIM-MW-07 0423	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1180-07	CIM-MW-08 0423	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1180-08	CIM-MW-09 0423	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1180-09	CIM-FD-01 0423	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1180-10	TRIP BLANK 0423	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-09	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect confirmed by re-extraction and re-analysis of the sample.
S-08	The recovery of this surrogate was outside of QC limits.
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.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCVH	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: This report has been revised to report original run for SVOC samples -03 and -06.

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 23D1150

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK

YOUR Information	Report To:	Invoice To:
Company: LaBella	Company: LaBella	Company: LaBella
Address:	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact: Eric Orlowski	Contact: Eric Orlowski	Contact: Accts Payable
E-mail:	E-mail:	E-mail:

YOUR Project Number: 2231596

YOUR Project Name: Consolidated Iron

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)** ✓

PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Eric Orlowski

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York ✓
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP | NJDEP SRP HazSite
Standard Excel EDD
NY ASP B Package | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
CIM-MW-01 0423	GW	4/19/2023 1018	CP-51 VOCs, CP-51 SVOCs, Total Pb	For each sample:	
CIM-MW-01-MS 0423	↓	1023	↓ ↓ ↓	1L Amber	2
CIM-MW-01-MSD 0423	↓	1028	↓ ↓ ↓	250mL PL	1
CIM-MW-02 0423	↓	1252	↓ ↓ , Total As	40mL VOA	3
CIM-MW-03 0423	↓	1451	↓ ↓ ↓		
CIM-MW-04 0423	↓	1627	↓ ↓ ↓		
CIM-MW-06-0423	↓	1804	↓ ↓ ↓		
CIM-MW-07 0423	↓	1546	↓ ↓ ↓		
CIM-MW-08 0423	↓	1711	↓ ↓ ↓		
CIM-MW-09 0423	↓	1146	↓ ↓ ↓		

Comments:

Preservation: (check all that apply)
HCl ✓ MeOH ___ HNO3 ✓ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: 4°C

Special Instruction
Field Filtered
Lab to Filter

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[signature] / LaBella	4/19/2023 1915	Secure Fridge at LaBella	4-20-23 8:50	Chris York	4-20-23 1150
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Chris York	4-20-23 8:52				
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[signature]	4/20/23 1150 / 2.7 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 2301170

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

YOUR Information	Report To:	Invoice To:
Company: LABELLA	Company: LABELLA	Company: LABELLA
Address:	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact: ERIC ORLOWSKI	Contact: ERIC ORLOWSKI	Contact: ACCTS PAYABLE
E-mail:	E-mail:	E-mail:

YOUR Project Number: 2231596

YOUR Project Name: CONSOLIDATED IRON

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) ✓

PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

ERIC ORLOWSKI

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

- New York ✓
- New Jersey
- Connecticut
- Pennsylvania
- Other:

Report / EDD Type (circle selections)

- Summary Report
- QA Report
- CMDP
- Standard Excel EDD
- NY ASP B Package
- CT RCP
- CT RCP DQA/DUE
- NJDEP Reduced Deliverables
- Other:
- EQuIS (Standard)
- NYSDEC EQuIS
- NJDKQP
- NJDEP SRP HazSite

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
CIM-FA-01 0423	GW	4/19/2023 XXXX	CP-51 VOCs, CP-51 SVOCs, TOTAL Pb	2x1L, 1x250mL, 3x40mL	
TRIP BLANK 0423	DI	4/18/2023 1810	↓	40 mL VOA	3

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ✓ MeOH ___ HNO3 ✓ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: 4°C

Special Instruction

- Field Filtered
- Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
LABELLA	4/19/2023 1915	SECURE FRIDGE @LABELLA	4-20-23 8:50	Client	4-20-23 1150
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Client	4-20-23 8:50				
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					4/20/23 1150 / 1.7 Degrees C