2024-2025 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. 2231596.02

June 2025

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 ninth PRR prepared for the Site since completion of the Remedial Action Program.

The Site is an approximately 8.3-acre parcel of vacant land abutting the western shore of the Hudson River. It is bounded by an active marina to the north, CSX railway and Water Street to the west, and the City of Newburgh Sewer Treatment plant to the south. The site is relatively flat with a gentle slope from west to east and an 8-foot-high steep embankment at the river's edge. Over the past few years the site is being used 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 (VOCs and SVOCs), polychlorinated biphenyls (PCBs), 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. Soils remaining on site in areas where excavation was not required met or was less than Restricted-Residential Use Soil Clean-up Objectives pf 6 NYCRR 375-6.8(b).

Residual groundwater impacts persist on the Site that exceed ambient water quality standards (AWQS). Groundwater is not used for potable drinking water and there are no significant downgradient ecological resources.

There are no on-site occupied buildings at this time. The sanitary sewer pumping station is an unoccupied structure. The potential for Soil Vapor Intrusion (SVI) was evaluated during the remedial investigations and the potential for SVI to adversely impact off-site buildings was determined to be insignificant.

Based on the remedial work completed, the Site was reclassified in August 2014 from Class 2 to Class 4 in the New York State Registry of Inactive Hazardous Waste Sites (IHWS). 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 (RAOs) 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 on an annual basis.

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 14, 2025 and is described in Section 2.1. Periodic sampling of groundwater also occurred on April 14, 2025. 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 a 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 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 which can be closed to restrict site access near the northwest and southwest corners. The shoreline along the river is open but not readily accessible to boaters or shoreline pedestrians since there is no landing and the shore is managed with a steep rip-rap embankment).

Visual inspection of the site was performed by LaBella personnel on April 14, 2025. Commencing at the northwest corner of the site, the inspector walked the site perimeter in a counter-clockwise direction to observe the condition of the perimeter fence and erosion control blanket along the river front.

Central areas of the site were inspected while sampling the monitoring well network. 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 eventually damage the fence if allowed to continue to grow unchecked. Access gates appeared to be in functional condition.

- 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.

- Small trees and shrubs are growing along the fence line and on the top of bank along the riverfront. The interior sections of the parcel are otherwise predominantly open meadowwith a few small scrub bushes. No heavy growth including trees were observed in the field.

- A gravel walking path installed in 2017 has now been improved by installation of asphalt pavement. This pathway follows the approximate perimeter of the site and is approximately 12 feet wide. Several picnic tables with grills are located within open mowed areas. The paved pathway shows no adverse impact to 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

On April 14, 2025, one full round of groundwater samples was collected from eight existing on-site groundwater monitoring wells, consistent with the SMP. 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 internal 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 averaging 0.07 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 in five-minute intervals. 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. Effective September 2019, NYSDEC approved changes to the sampling parameters and methods as follows::

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

Additional sampling for per- and poly-fluoroalkyl substances (PFAS) and 1,4-Dioxane was conducted during the 2024 monitoring event – with NYSDEC consent, this sampling was not repeated during the 2025 monitoring event. All 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 14, 2025, 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	13.17	4.35
MW-02	13.99	11.17	2.82	11.86	1.89
MW-03	13.26	10.15	3.10	11.47	1.55
MW-04	11.74	8.77	2.98	9.99	1.60
MW-05	11.52	8.45	3.07	9.65	1.81
MW-06	10.50	7.84	2.66	8.33	0.92
MW-07	10.76	7.99	2.77	8.93	1.48
MW-08	10.85	8.14	2.71	8.98	1.47
MW-09	15.69	12.35	3.34	12.24	2.98
MW-10	11.13	8.47	2.66	9.17	1.54
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 14, 2025 was:

high tide: 1:19 am	3.2 ft
low tide: 8:08 am	0.0 ft
high tide: 1:40 pm	2.7 ft
low tide: 8:09 pm	0.2 ft

Tidal influences on water levels have not been evaluated. However, all groundwater elevations fall within the tidal range except for the upland-most wells (MW-01, MW-09). 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 ProPlus 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 14, 2025 Sampling Event						
Well ID	**Temp (°C)**	**pH**	**SC (µS/cm)**	**ORP (mV)**	**DO (mg/l)**	**Site Area**
MW-01	12.0	6.89	1912	-62.0	0.56	North Site Area
MW-02	10.9	6.63	1835	-83.3	0.54	
MW-05						
MW-06	9.1	7.17	602.5	41.6	12.96	
MW-10						
MW-03	7.7	6.88	552.0	-117.0	0.91	South Site Area
MW-04	11.4	6.95	1422	-60.5	0.46	
MW-07	11.2	7.25	1212	-91.1	0.47	
MW-08	6.7	6.98	504.1	11.2	5.58	
MW-09	11.5	7.03	1355	-87.8	2.74	

Groundwater chemistry differentiates geographically into two areas, with five monitoring wells in each area. The areas are separated by the deep soil excavation area that traverses the middle of the Site in an east-west direction. 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 2025 sampling event, the average WQPs in the north and south groups were very similar with the exception of DO, which was higher in MW-6 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 14, 2025 Data

A summary table for detected VOC concentrations is included below.

Sample ID	AWQS	MW-1		MW-2		MW-4		MW-7		MW-9	
Compound		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	
1,2,4-Trimethylbenzene	5	4.87		0.500	U	0.500	U	0.500	U	0.500	U
1,3,5-Trimethylbenzene	5	1.49		0.500	U	0.500	U	0.500	U	0.500	U
Benzene	1	**7.39**		0.500	U	0.500	U	0.500	U	**2.08**	
Ethyl Benzene	5	3.58		0.500	U	0.500	U	0.500	U	0.500	U
Isopropylbenzene	5	1.50		0.500	U	0.500	U	0.500	U	0.500	U
MTBE	10	4.87		0.360	J	1.88		2.55		0.500	U
Naphthalene	10	**12.4**		2.00	U	2.00	U	2.00	U	2.00	U
n-Propylbenzene	5	1.98		0.500	U	0.500	U	0.500	U	0.500	U
o-Xylene	5	1.26		0.500	U	0.500	U	0.500	U	0.500	U
p- & m-Xylenes	5	0.860	J	1.00	U	1.00	U	1.00	U	1.00	U
p-Isopropyltoluene	5	0.440	J	0.500	U	0.500	U	0.500	U	0.500	U
Sec-Butylbenzene	5	0.760		0.500	U	0.500	U	0.500	U	0.500	U
Toluene	5	0.870		0.500	U	0.500	U	0.500	U	0.500	U

The table includes any VOC compound detected above the method detection limits, including estimated concentrations. No compounds were detected in MW-3, MW-6 or MW-8. The laboratory results for all VOCs and qualifier descriptions are included in **Table 1**.

3.4 Semi-Volatile Organic Compounds – April 14, 2025 Data

A summary table of detected SVOC concentrations is included below.

Sample ID Date Compound	AWQS	MW-1 4/14/2025		MW-1 (DUP) 4/14/2025		MW-7 4/14/2025	
		Result	Q	Result	Q	Result	Q
CP-51 SVOCs	ug/L	ug/L		ug/L		ug/L	
Acenaphthene	20	0.0500	U	0.340		0.580	
Acenaphthylene	~	0.0500	U	0.150			
Anthracene	50	0.0500	U	0.0700		0.0700	
Benzo(a)anthrancene	0.002	0.0500	U	0.0500	U	0.0500	
Benzo(a)pyrene	0.002	0.0500	U	**0.0500**		0.0500	U
Chrysene	0.002	0.0500	U	0.0500	U	**0.0500**	
Fluoranthene	50	0.0500	U	0.0900		0.280	
Fluorene	50	0.0500	U	0.0500	U	0.220	
Naphthalene	10	0.300		0.130		0.0500	U
Phenanthrene	50	0.0500	U	0.0700		0.710	
Pyrene	50	0.0500	U	0.140		0.240	

The table includes any SVOC compound detected above the method detection limits. Each of the remaining six samples collected during this event were non-detectable for the six polyaromatic hydrocarbons (PAHs), 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 three of the eight samples at concentrations exceeding the quantification limit of 1.11 µg/l. None of these samples reported lead concentrations exceeding the standard of 25 µg/L.

Arsenic was detected in well MW-02 at a concentration of 19.1 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, for VOCs (where detected). SVOC results were all non-detect (except naphthalene) in the MW-1 sample, while seven other SVOCs were detected at low concentrations (mostly below AWQS) in the field duplicate. Only benzo(a)pyrene, which was reported at the detection limit of 0.05 ug/L, exceeded its low AWQS of 0.002 ug/L. The source of this disagreement is unknown, as the laboratory did not note any QA/QC issues.

No PAHs have been reported in MW-01 groundwater samples since at least 2015. As they have been consistently absent from this well, it appears that the reported benzo(a)pyrene result for the field duplicate is anomalous.

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

With the exception noted above regarding the SVOC results in the field duplicate sample, the data appear 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; therefore, prior annual sampling events included analyses for TCL-VOCs, TCL-SVOCs, TAL-Metals, and PCBs. Following the 2019 PRR submittal, a reduced list of analytes was approved for the network of 8 monitoring wells, including just CP-51 lists of VOCs and SVOCs, and Lead. Arsenic has also been included in the analysis for well MW-02.

Results for the last four sampling events (October 2021, April 2023, April 2024 and April 2025) are compared in the following sections.

4.1 VOCs

Upgradient site monitoring well MW-01 is the only well that has consistently exhibited a VOC presence over time. The April 2025 analytical results were again below concentrations detected in 2018 and 2020 through 2024. Total VOC concentrations show some declining trends since 2015 (see **Graph 1** in **Table 1**).

Monitoring Well ID / Sampling Date / Compound	AWQS (µg/L)	MW-01							
		10/11/2021		4/19/2023		4/19/2024		4/14/2025	
		Result	Q	Result	Q	Result	Q	Result	Q
Benzene	1	**14**		2.0	U	1.1		**7.39**	
Ethyl Benzene	5	**100**		**120**		**8.3**		3.58	
Isopropylbenzene	5	**47**		**38**		4.0		1.50	
p- & m- Xylenes	5	4.0		5.0	U	**6.3**		0.860	J
Toluene	5	3.4		2.3	J	0.77		0.870	

MTBE concentrations in historically-impacted wells MW-03 and MW-07 have been less the AWQS standard since 2015, as summarized below.

Summary of MTBE detections Date	AWQS (µg/L)	MW-03 (µg/L)	MW-07 (µg/L)
10/11/2021	10	1.0	2.2
4/19/2023		2.3	2.1
4/19/2024		< 0.20	2.1
4/14/2025		< 0.500	2.55

Benzene was detected in MW-09 during the April 2025 sampling event at a concentration of 2.08 µg/L, which is lower than that detected in previous sampling events. Benzene has only periodically been reported in this well.

4.2 SVOCs

PAHs were only detected in two samples during the April 2025 sampling event. The method detection limit was 0.0500 ug/L., which exceeds the water quality standard of 0.002 ug/L.

These results are lower than those from recent years and suggest that low level results reported in MW-08 in 2021 may have been anomalous.

The two exceptions in 2025 were well MW-07 and the field duplicate (collected from MW-01). As mentioned in Sections 3.4 and 3.7, well MW-07 reported 0.0500 ug/L of chrysene while the field duplicate (FD-01) reported 0.0500 ug/L of benzo(a)pyrene. While the laboratory did not note any QA/QC issues, the absence of SVOCs in these locations over the last several years suggest that these results are anomalous.

Naphthalene, a gasoline-range SVOC, was detected at 0.300 ug/L in April 2025 in the SVOC sample collected from MW-01, and it was detected in the MW-01 VOC analysis at 12.4 ug/L. 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 continuing 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, those marked with a "U" flag were not detected at the noted minimum detection limit and those marked with a "Di" flag were taken from a dissolved metals analysis

LEAD: AWQS = 25 µg/L												
Monitoring Well	**March 2021**		**April 2021**		**Oct 2021**		**April 2023**		**April 2024**		**April 2025**	
MW-01	1.11	U	NS		1.50		5.56	U	1.11	U	1.11	U
MW-02	1.11	U	NS		1.11	U	5.56	U	1.11	U	1.11	U
MW-03	**50.9**		**57.6** **52.7**	Di	3.94		5.56	U	6.75		1.11	U
MW-04	1.11	U	NS		2.43		5.56	U	5.49		1.11	U
MW-05	NS		NS		NS		NS		NS		NS	
MW-06	3.07		NS		7.39		5.56	U	1.55		1.12	
MW-07	17.2		NS		**45.4**		5.56	U	8.57		1.55	
MW-08	**742**		**45.1** **39.5**	Di	8.78 6.19	Di	**26.5**		**31.6**		6.15	
MW-09	1.11	U	NS		7.72		5.56	U	1.11	U	1.11	U
MW-10	NS		NS		NS		NS		NS		NS	
Hits	2		2		1		1		1		0	
Total	815		102.7		76		26.5		53.96		8.82	
Average	136		51.35		13		3.31		6.75		2.94	

The 2025 results for lead are below concentrations previously recorded in all locations.

Arsenic analysis was resumed at MW-02 during the March 2021 sampling event. Arsenic was detected at 19.1 ug/L in April 2025, which continues to remain lower than many other recent results.

Other metals that are not site contaminants of concern that were consistently 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.

4.4 PFAS and 1,4-Dioxane

Limited sampling for PFAS compounds and 1,4-Dioxane was last performed in 2018, at which time only three of the site monitoring wells were sampled. NYSDEC requested additional sampling for these compounds in 2024 to delineate the nature and extent of these compounds at the Site.

The 2024 results suggest that while PFAS compounds are present across the Site, they may be entering the Site from offsite locations rather than originating from historical site operations. Further, as the comparison with 2018 data demonstrates, total PFAS concentrations appear to have now decreased by approximately 90% since 2018.

The 2024 1,4-Dioxane results were similar to or less than 2018 results and suggest the presence of 1,4-Dioxane is limited to a small area near the south-central portion of the site. Low to non-detect results across the remainder of the site suggest that this area of impacts is limited in size and is not migrating toward site boundaries.

Based on these results, no further sampling/analysis for PFAS compounds or 1,4-dioxane were requested by the NYSDEC for 2025.

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. LaBella offers the following conclusions based on the review of site conditions and current and historical data:

- The ECs/ICs implemented appear to be functioning as anticipated. The soil cover system remains in-place with no evidence of excess erosion and the erosion blanket along the river is intact with no observable evidence of failure or excess erosion. Since the last PRR was completed in 2024, no evidence of soil disturbance was observed within a fenced-in area. There are no active remediation units or systems on site that require evaluation, modification, or maintenance.

- Overall groundwater quality with respect to site-related compounds of concern has remained generally stable since the remedy was completed. BTEX compounds above standards are limited to upgradient perimeter wells MW-01 and MW-09. MTBE has not been detected or has remained below the groundwater standard in all site wells since 2015. Although low level PAHs were anomalously reported in wells MW-01 and MW-07 in 2025, current and historical site data does not suggest SVOCs are a significant concern. The presence or absence of SVOCs in site groundwater will continue to be monitored in future sampling events. Lead results did not exceed the AWQS in the eight on-site wells sampled in April 2025, 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. There are no known/previously identified sensitive ecological resources downgradient of the site that could be impacted by the migration of site groundwater into 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 or 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

LaBella recommends continuing the modified analytical program and annual site inspections as per the SMP to monitor contaminant levels sitewide. Samples intended for metals analysis where field turbidity readings exceed 50 NTU will continue to be field-filtered.

FIGURES

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PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:
2231596.02 **Figure 1** 6/4/2025	Site Location Map	Former Consolidated Iron and Metals Site 1 Washington Street, Newburgh, New York

N

0 500 1,000 Feet

LaBella Powered by partnership.

Data Source: Orange County 2023, USGS 2020-2024; LaBella 2015-2025.

Drawing Name: X:\41500-41599\41548.00 Newburgh Consolidated Iron site\SVY\Dwg\06_SVY_41548-00_TOPO.dwg
Last Saved By: JSMITH
Date Printed: Dec 08, 2015, 11:36am

SOUTH WATER STREET

RAILROAD TRACKS

CONC. MONUMENT FOUND

SEE MAP REFERENCE #3 FOR DISTANCE

WASHINGTON STREET (60' WIDE)

BENCHMARK XCUT EB HYD ELEV.=17.35

BENCHMARK RR SPIKE 24"COTTONWOOD ELEV.=8.15

POINT OF BEGINNING

S85°13'06"E 327.00'

N17°26'54"E 817.61'

N07°25'24"E 722.73'

N84°24'02"W 297.92'

S71°07'35"W 820.77'TIE COURSE

APPROX. WATER GRANT LINE

APPROX. WATER GRANT LINE

APPROX. WATER GRANT LINE

APPROX. WATER GRANT LINE

APPROX. WATER GRANT LINE

APPROX. WATER GRANT LINE

SOUTH WILLIAM STREET (50' WIDE)

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

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

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

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

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

"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

MW#01 TOP PVC:18.01
MW#02 TOP PVC:13.99
MW#03 TOP PVC:13.26
MW#04 TOP PVC:11.74
MW#05 TOP PVC:11.52
MW#06 TOP PVC:10.50
MW#07 TOP PVC:10.76
MW#08 TOP PVC:10.85
MW#09 TOP PVC:15.69
MW#10 TOP PVC:11.13

PROPERTY CORNER WITHIN 8" SPRUCE

IRON ROD SET

IRON ROD SET ON LINE

IRON ROD FOUND SOUTH 0.7'

#88305

#44034

#40516B

UP CHGE #47395

UP CHGE #47380

UP CP# 23452 & TEL PEDISTAL

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

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

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

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

18" BOX CUL

24" CMP FLOW

15" CIP (ORIGIN UNKNOWN) INVERT =-14.68

SQUARE BOLT FOUND

EDGE PAVEMENT

BURIED PIPE

CHAIN LINK FENCE

PIPE RAIL FENCE

SWALE

GRAVEL

CONCRETE

OHW

UTILITY POLE

GUY WIRE

GATE

R:11.1

R:7.3

24" & 72" CIP FLOW

24" CIP INVERT =-1.6

75" CIP INVERT =-5.1

FLOW

INVERT =-1.94

78.43'

405.43'

42.37'

340.29'

WATERS EDGE

RIP RAP

DISTANCE ALONG SHORELINE APPROX. 1023'

HUDSON RIVER

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

PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:	
2231596.02 **Figure 3** 6/5/2025	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 2020-2025; LaBella 2015-2025.

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			25D0979-01		25D0979-02		25D0979-03		25D0979-04		25D0979-05		25D0979-06		25D0979-07		25D0979-08		25D0979-09		25D0979-10	
Sampling Date			14-Apr-25		14-Apr-25		14-Apr-25		14-Apr-25		14-Apr-25		14-Apr-25		14-Apr-25		14-Apr-25		14-Apr-25		14-Apr-25	
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	4.87		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	4.85		0.500	U
1,3,5-Trimethylbenzene	108-67-8	5	1.49		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1.51		0.500	U
Benzene	71-43-2	1	**7.39**		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	**2.08**		**7.31**		0.500	U
Ethyl Benzene	100-41-4	5	3.58		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	3.69		0.500	U
Isopropylbenzene	98-82-8	5	1.50		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1.50		0.500	U
MTBE	1634-04-4	10	4.87		0.360	J	0.500	U	1.88		0.500	U	2.55		0.500	U	0.500	U	4.97		0.500	U
Naphthalene	91-20-3	10	**12.4**		2.00	U	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U	**12.5**		2.00	U
n-Butylbenzene	104-51-8	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1.03		0.500	U
n-Propylbenzene	103-65-1	5	1.98		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.01		0.500	U
o-Xylene	95-47-6	5	1.26		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1.27		0.500	U
p- & m- Xylenes	179601-23-1	5	0.860	J	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	**0.890**	J	1.00	U
p-Isopropyltoluene	99-87-6	5	0.440	J	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.470	J	0.500	U
sec-Butylbenzene	135-98-8	5	0.760		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.780		0.500	U
tert-Butylbenzene	98-06-6	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Toluene	108-88-3	5	0.870		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.900		0.500	U
Xylenes, Total	1330-20-7	5	2.12		1.50	U	1.50	U	1.50	U	1.50	U	1.50	U	1.50	U	1.50	U	2.16		1.50	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

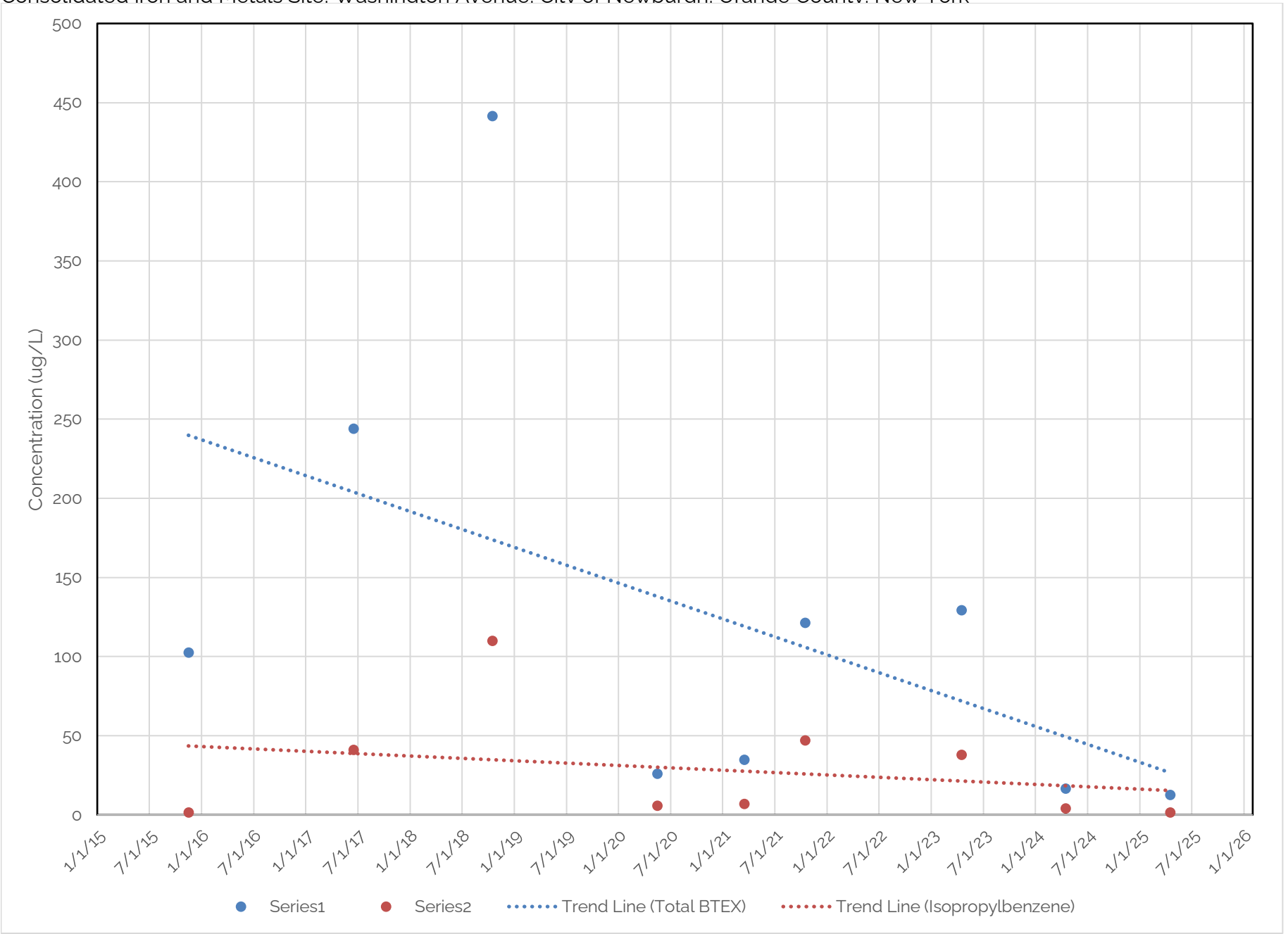
E=result is estimated and cannot be accurately reported due to levels encountered or interferences

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

June 2025

TABLE 2 CP-51 SVOC Results

Sample ID		AWQS	MW-01		MW-02		MW-03		MW-04		MW-06		MW-07		MW-08		MW-09		FD-01 (DUP)	
York ID			25D0979-01		25D0979-02		25D0979-03		25D0979-04		25D0979-05		25D0979-06		25D0979-07		25D0979-08		25D0979-09	
Sampling Date			14-Apr-25		14-Apr-25		14-Apr-25		14-Apr-25		14-Apr-25		14-Apr-25		14-Apr-25		14-Apr-25		14-Apr-25	
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	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.580		0.0500	U	0.0500	U	0.340	
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	0.0500	U	0.150	
Anthracene	120-12-7	50	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0700		0.0500	U	0.0500	U	0.0700	
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		0.0500	U	0.0500	U	0.0500	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	0.0500	U	**0.0500**	
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	0.0500	U	0.0500	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	0.0500	U	0.0500	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	0.0500	U	0.0500	U
Chrysene	218-01-9	0.002	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	**0.0500**		0.0500	U	0.0500	U	0.0500	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	0.0500	U	0.0500	U
Fluoranthene	206-44-0	50	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.280		0.0500	U	0.0500	U	0.0900	
Fluorene	86-73-7	50	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.220		0.0500	U	0.0500	U	0.0500	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	0.0500	U	0.0500	U
Naphthalene	91-20-3	10	0.300		0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.130	
Phenanthrene	85-01-8	50	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.710		0.0500	U	0.0500	U	0.0700	
Pyrene	129-00-0	50	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.240		0.0500	U	0.0500	U	0.140	

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	14-Apr-25	
Lead by EPA 6010		
AWQS	25	µg/L

Well ID	**R**	**Q**
MW-01	1.11	U
Dup (MW-01)	1.11	U
MW-02	1.11	U
MW-03	1.11	U
MW-04	1.11	U
MW-05	Not Sampled	
MW-06	1.12	
MW-07	1.55	
MW-08	6.15	
MW-09	1.11	U
MW-10	Not Sampled	

Sample Date	14-Apr-25	
Arsenic by EPA 6010		
AWQS	25	µg/L

Well ID	**R**	**Q**
MW-02	19.1	

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 0425	Sample Time:	10:35	Sample Matrix *(circle)* :	
Well ID:	MW-01	Sample Date:	4/14/2025	***Groundwater***	Soil
Project Name:	Consolidated Iron	Sample Tech(s):	EO / NC	Surface Water	Air
Sample Location:	Newburgh, NY	Project and Task #:	2231596.02	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: 13.66

Water Column Height: ***(A)*** 8.80

(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:	4/14/2025		
Start Time:	10:09		
Stop Time:	10:34		
Purge Rate (gpm):	0.070		
Elapsed Time (min):	25		
Well Vol. Purged (#):	0.30		
Purge Vol. (gal):	1.75		
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	10:09	13.68	11.9	1889	1719	Clear	1.2285	None	4.55	6.50	23.6	
0.35	10:14	13.76	12.0	1914	1438	24.05	1.2415	None	1.17	6.78	-10.7	
0.70	10:19	13.77	12.0	1915	1440	22.87	1.2400	None	0.88	6.87	-30.4	
1.05	10:24	13.77	12.0	1913	1439	16.47	1.2400	None	0.64	6.87	-44.0	
1.40	10:29	13.77	12.0	1913	1438	19.65	1.2400	None	0.58	6.91	-54.0	
1.75	10:34	13.75	12.0	1912	1437	20.09	1.2400	None	0.56	6.89	-62.0	

SAMPLE INFORMATION:

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

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

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

Air Temp.(°F): 40s

Notes: MS/MSD set also collected here.

LAB REQUESTS:

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

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

LaBella Associates, DPC

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID:	CIM-MW-02 0425	Sample Time:	12:22	Sample Matrix *(circle)* :	
Well ID:	MW-02	Sample Date:	4/14/2025	***Groundwater***	Soil
Project Name:	Consolidated Iron	Sample Tech(s):	EO / NC	Surface Water	Air
Sample Location:	Newburgh, NY	Project and Task #:	2231596.02	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: 19.63

Depth to Water: 12.15

Water Column Height: ***(A)*** 7.48

(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: 4/14/2025

Start Time: 11:57

Stop Time: 12:22

Purge Rate (gpm): 0.070

Elapsed Time (min): 25

Well Vol. Purged (#): 0.36

Purge Vol. (gal): 1.75

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	11:57	12.17	11.1	1771	1298	1.58	1.1440	None	2.08	6.43	-1.9	
0.35	12:02	12.25	10.9	1759	1284	1.77	1.1440	None	1.13	6.58	-54.3	
0.70	12:07	12.25	10.9	1780	1299	1.89	1.1500	None	0.90	6.58	-65.7	
1.05	12:12	12.25	10.9	1805	1318	1.89	1.1700	None	0.70	6.58	-73.2	
1.40	12:17	12.25	10.9	1815	1327	1.70	1.1700	None	0.69	6.58	-77.9	
1.75	12:22	12.25	10.9	1835	1340	1.80	1.1900	None	0.54	6.63	-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: Sunny

Barometric Pres.:

Wind: Breezy (5-15 mph from N-NE)

Air Temp.(°F): 40s

Notes:

LAB REQUESTS:

Laboratory Name:	Analysis/Method:	Turn Around Time:
York Analytical	CP-51 VOCs, CP-51 SVOCs,	Standard
	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 0425	Sample Time:	13:26	Sample Matrix *(circle)* :	
Well ID:	MW-03	Sample Date:	4/14/2025	***Groundwater***	Soil
Project Name:	Consolidated Iron	Sample Tech(s):	EO / NC	Surface Water	Air
Sample Location:	Newburgh, NY	Project and Task #:	2231596.02	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: 19.50

Depth to Water: 11.66

Water Column Height: ***(A)*** 7.84

(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:	4/14/2025		
Start Time:	13:05		
Stop Time:	13:25		
Purge Rate (gpm):	0.070		
Elapsed Time (min):	20		
Well Vol. Purged (#):	0.27		
Purge Vol. (gal):	1.4		
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	13:05	11.66	9.7	593.9	416.0	Clear	0.3802	None	3.84	6.73	-41.6	
0.35	13:10	11.94	8.1	552.1	373.5	6.51	0.3588	None	0.56	6.95	-84.8	
0.70	13:15	12.10	7.7	552.6	370.1	7.68	0.3588	None	0.94	6.92	-101.0	
1.05	13:20	12.31	7.7	551.1	369.0	6.81	0.3581	None	0.89	6.86	-110.8	
1.40	13:25	12.33	7.7	552.0	369.0	6.69	0.3588	None	0.91	6.88	-117.0	

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 cloudy 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, CP-51 SVOCs,	Standard
	Total Lead	

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

LaBella Associates, DPC

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID:	CIM-MW-04 0425	Sample Time:	14:33	Sample Matrix *(circle)* :	
Well ID:	MW-04	Sample Date:	4/14/2025	***Groundwater***	Soil
Project Name:	Consolidated Iron	Sample Tech(s):	EO / NC	Surface Water	Air
Sample Location:	Newburgh, NY	Project and Task #:	2231596.02	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: 10.22

Water Column Height: ***(A)*** 8.23

(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: 4/14/2025

Start Time: 14:12

Stop Time: 14:32

Purge Rate (gpm): 0.070

Elapsed Time (min): 20

Well Vol. Purged (#): 0.26

Purge Vol. (gal): 1.40

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	14:12	10.52	11.2	1446	1062	1.93	0.9360	None	0.67	6.87	10.5	
0.35	14:17	10.50	10.9	1438	1050	1.81	0.9360	None	0.66	6.87	-26.6	
0.70	14:22	10.50	11.0	1432	1050	1.74	0.9290	None	0.57	6.98	-44.8	
1.05	14:27	10.45	11.1	1430	1050	2.00	0.9290	None	0.51	6.95	-51.6	
1.40	14:32	10.40	11.4	1422	1053	2.24	0.9230	None	0.46	6.95	-60.5	

SAMPLE INFORMATION:

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

Sample Type: ***Grab*** Composite

Sample Depth(ft):

Weather: Sunny

Barometric Pres.:

Wind: Breezy (5-15 mph from N-NE)

Air Temp.(°F): mid 50s

Notes:

LAB REQUESTS:

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

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

LaBella Associates, DPC

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID:	CIM-MW-06 0425	Sample Time:	14:40	Sample Matrix *(circle)* :	
Well ID:	MW-06	Sample Date:	4/14/2025	***Groundwater***	Soil
Project Name:	Consolidated Iron	Sample Tech(s):	EO / NC	Surface Water	Air
Sample Location:	Newburgh, NY	Project and Task #:	2231596.02	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: 8.55

Water Column Height: ***(A)*** 8.35

(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: 4/14/2025

Start Time: 14:24

Stop Time: 14:39

Purge Rate (gpm): 0.070

Elapsed Time (min): 15

Well Vol. Purged (#): 0.19

Purge Vol. (gal): 1.05

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	14:24	8.55	9.3	602.6	421.4	Clear	0.3919	None	13.56	7.11	35.4	
0.35	14:29	8.87	9.2	601.7	420.6	4.53	0.3913	None	12.71	7.15	37.6	
0.70	14:34	8.99	9.2	602.1	420.1	4.56	0.3926	None	13.18	7.17	38.2	
1.05	14:39	9.11	9.1	602.5	419.6	4.96	0.3913	None	12.96	7.17	41.6	

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 (5-15 mph from N-NE)

Air Temp.(°F): mid 50s

Notes:

LAB REQUESTS:

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

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

LaBella Associates, DPC

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID:	CIM-MW-07 0425	Sample Time:	13:40	Sample Matrix *(circle)* :	
Well ID:	MW-07	Sample Date:	4/14/2025	***Groundwater***	Soil
Project Name:	Consolidated Iron	Sample Tech(s):	EO / NC	Surface Water	Air
Sample Location:	Newburgh, NY	Project and Task #:	2231596.02	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: 18.52

Depth to Water: 9.31

Water Column Height: ***(A)*** 9.21

(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: 4/14/2025

Start Time: 13:14

Stop Time: 13:39

Purge Rate (gpm): 0.070

Elapsed Time (min): 25

Well Vol. Purged (#): 0.29

Purge Vol. (gal): 1.75

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	13:14	9.31	11.3	1226	905	21.7	0.7900	None	1.22	7.02	23.3	
0.35	13:19	9.55	11.3	1223	903	10.54	0.7900	None	0.72	7.14	-20.3	
0.70	13:24	9.56	11.3	1220	902	5.92	0.7900	None	0.51	7.20	-59.5	
1.05	13:29	9.55	11.2	1217	896	4.74	0.7900	None	0.49	7.28	-73.5	
1.40	13:34	9.54	11.2	1212	895	3.00	0.7800	None	0.50	7.24	-83.1	
1.75	13:39	9.51	11.2	1212	894	3.46	0.7900	None	0.47	7.25	-91.1	

SAMPLE INFORMATION:

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

Sample Type: ***Grab*** Composite

Sample Depth(ft):

Weather: Sunny

Barometric Pres.:

Wind: Breezy (5-15 mph from N-NE)

Air Temp.(°F): mid 50s

Notes:

LAB REQUESTS:

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

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

LaBella Associates, DPC

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID:	CIM-MW-08 0425	Sample Time:	14:07	Sample Matrix *(circle)* :	
Well ID:	MW-08	Sample Date:	4/14/2025	***Groundwater***	Soil
Project Name:	Consolidated Iron	Sample Tech(s):	EO / NC	Surface Water	Air
Sample Location:	Newburgh, NY	Project and Task #:	2231596.02	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: 8.93

Water Column Height: ***(A)*** 8.67

(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: 4/14/2025

Start Time: 13:46

Stop Time: 14:06

Purge Rate (gpm): 0.070

Elapsed Time (min): 20

Well Vol. Purged (#): 0.25

Purge Vol. (gal): 1.40

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	13:46	8.93	7.7	506.7	335.2	Clear	0.3289	None	6.79	6.93	-14.7	
0.35	13:51	9.39	7.0	503.0	330.1	8.61	0.3270	None	5.94	6.93	-5.0	
0.70	13:56	9.70	7.0	502.1	331.4	6.65	0.3270	None	5.76	7.00	1.7	
1.05	14:01	9.86	6.8	503.0	328.6	6.60	0.3270	None	5.75	6.97	5.9	
1.40	14:06	9.98	6.7	504.1	328.2	6.56	0.3276	None	5.58	6.98	11.2	

SAMPLE INFORMATION:

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

Sample Type: ***Grab*** Composite

Sample Depth(ft):

Weather: Sunny

Barometric Pres.:

Wind: Breezy (5-15 mph from N-NE)

Air Temp.(°F): mid 50s

Notes:

LAB REQUESTS:

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

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

LaBella Associates, DPC

FIELD DATA SHEET

SAMPLE INFORMATION:

Sample ID:	CIM-MW-09 0425	Sample Time:	12:09	Sample Matrix *(circle)* :	
Well ID:	MW-09	Sample Date:	4/14/2025	***Groundwater***	Soil
Project Name:	Consolidated Iron	Sample Tech(s):	EO / NC	Surface Water	Air
Sample Location:	Newburgh, NY	Project and Task #:	2231596.02	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: 20.88

Depth to Water: 12.67

Water Column Height: ***(A)*** 8.21

(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: 4/14/2025

Start Time: 11:43

Stop Time: 12:08

Purge Rate (gpm): 0.070

Elapsed Time (min): 25

Well Vol. Purged (#): 0.33

Purge Vol. (gal): 1.75

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	11:43	12.67	11.2	1377	1008	Clear	0.8840	None	3.86	6.64	95.1	
0.35	11:48	12.81	11.5	1343	997	10.64	0.8710	None	4.99	6.84	9.8	
0.70	11:53	12.81	11.5	1344	999	15.42	0.8710	None	3.12	6.93	-43.1	
1.05	11:58	12.81	11.5	1349	1001	10.98	0.8775	None	3.08	6.96	-69.6	
1.40	12:03	12.81	11.6	1350	1004	12.29	0.8775	None	3.00	6.99	-79.1	
1.75	12:08	12.81	11.5	1355	1006	17.13	0.8775	None	2.74	7.03	-87.8	

SAMPLE INFORMATION:

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

Sample Type: ***Grab*** Composite

Sample Depth(ft):

Weather: Sunny

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, CP-51 SVOCs,	Standard
	Total Lead	

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

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

Date: 4/14/2025

Inspection Personnel: Eric J. Orlowski, PG; Nicklas Clemente

Weather Conditions: Sunny, 40s, breezy (5-15 mph from N-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

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

Photo #2
Description: View of newly paved 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-03 in southcentral area of site, with groundwater sampling apparatus in place. View faces south.

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.

PROJECT # / DRAWING # / DATE:
2231596.02
Figure A-1
6/6/2025

DRAWING NAME:
Site Photo Location Map

PROJECT:
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 2020-2025; LaBella 2015-2025.

APPENDIX B

IC/EC Certification Forms for 2025

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, 2024 to May 16, 2025

		YES	NO
1.	Is the information above correct?	☒	☐
	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?	☐	☒
3.	Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4.	Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
	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?	☐	☒

Box 2

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

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

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.

Description of Engineering Controls

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

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

YES	NO
☒	☐

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
☒	☐

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 Mike Neppl (print name) at City Hall 83 Broadway Newburgh, NY 12550 (print business address),

am certifying as Acting City Manager (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

Date 6/13/25

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 (print name) at LaBella Associates, DPC, 21 Fox Street, Poughkeepsie, NY 12601 (print business address)

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

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date
		6/13/2025

APPENDIX C

April 2025 Laboratory Analytical Report

Technical Report

prepared for:

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

Report Date: 04/22/2025
Client Project ID: Consolidated Iron-2231596
York Project (SDG) No.: 25D0979

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

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: 04/22/2025
Client Project ID: Consolidated Iron-2231596
York Project (SDG) No.: 25D0979

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 15, 2025 and listed below. The project was identified as your project: **Consolidated Iron-2231596**.

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
25D0979-01	CIM-MW-01 MS MSD 0425	Ground Water	04/14/2025	04/15/2025
25D0979-02	CIM-MW-02 0425	Ground Water	04/14/2025	04/15/2025
25D0979-03	CIM-MW-03 0425	Ground Water	04/14/2025	04/15/2025
25D0979-04	CIM-MW-04 0425	Ground Water	04/14/2025	04/15/2025
25D0979-05	CIM-MW-06 0425	Ground Water	04/14/2025	04/15/2025
25D0979-06	CIM-MW-07 0425	Ground Water	04/14/2025	04/15/2025
25D0979-07	CIM-MW-08 0425	Ground Water	04/14/2025	04/15/2025
25D0979-08	CIM-MW-09 0425	Ground Water	04/14/2025	04/15/2025
25D0979-09	CIM-FD-01 0425	Ground Water	04/14/2025	04/15/2025
25D0979-10	Trip Blank 0425	Ground Water	04/14/2025	04/15/2025

General Notes for York Project (SDG) No.: 25D0979

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, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher

Date: 04/22/2025

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **CIM-MW-01 MS MSD 0425** **York Sample ID:** **25D0979-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 10:35 am	04/15/2025

VOA, 8260 LOW MASTER

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**	**4.87**		ug/L	0.310	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:41	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
108-67-8	**1,3,5-Trimethylbenzene**	**1.49**		ug/L	0.347	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:41	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
71-43-2	**Benzene**	**7.39**		ug/L	0.279	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:41	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
100-41-4	**Ethyl Benzene**	**3.58**		ug/L	0.290	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:41	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
98-82-8	**Isopropylbenzene**	**1.50**		ug/L	0.405	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:41	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**4.87**		ug/L	0.244	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:41	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
91-20-3	**Naphthalene**	**12.4**		ug/L	0.212	2.00	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:41	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0444(		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:41	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
103-65-1	**n-Propylbenzene**	**1.98**		ug/L	0.384	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:41	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
95-47-6	**o-Xylene**	**1.26**		ug/L	0.261	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:41	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04		
179601-23-1	**p- & m- Xylenes**	**0.860**	J	ug/L	0.578	1.00	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:41	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04		
99-87-6	**p-Isopropyltoluene**	**0.440**	J	ug/L	0.377	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:41	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
135-98-8	**sec-Butylbenzene**	**0.760**		ug/L	0.444	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:41	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:41	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-88-3	**Toluene**	**0.870**		ug/L	0.346	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:41	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
1330-20-7	**Xylenes, Total**	**2.12**		ug/L	0.839	1.50	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:41	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.1 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

SVOA, 8270 LOW MASTER

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

Sample Information

Client Sample ID: CIM-MW-01 MS MSD 0425 **York Sample ID:** 25D0979-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 10:35 am	04/15/2025

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2025 08:33	04/18/2025 17:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*0.0400 %*	S-08	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*0.0800 %*	S-08	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*43.9 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*49.1 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*%*	S-08	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*57.4 %*		*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/18/2025 20:03	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/18/2025 20:03	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/18/2025 20:03	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/18/2025 20:03	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/18/2025 20:03	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/18/2025 20:03	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/18/2025 20:03	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/18/2025 20:03	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/18/2025 20:03	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/18/2025 20:03	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/18/2025 20:03	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/18/2025 20:03	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/18/2025 20:03	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
91-20-3	**Naphthalene**	**0.300**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/18/2025 20:03	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/18/2025 20:03	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/18/2025 20:03	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: **CIM-MW-01 MS MSD 0425** **York Sample ID:** **25D0979-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 10:35 am	04/15/2025

Lead by EPA 6020

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		ug/L	1.11	1	EPA 6020B	04/16/2025 15:08	04/21/2025 14:09	JWT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: **CIM-MW-02 0425** **York Sample ID:** **25D0979-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 12:22 pm	04/15/2025

VOA, 8260 LOW MASTER

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	0.310	0.500	1	EPA 8260D	04/15/2025 20:19	04/15/2025 23:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	04/15/2025 20:19	04/15/2025 23:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	04/15/2025 20:19	04/15/2025 23:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	04/15/2025 20:19	04/15/2025 23:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	04/15/2025 20:19	04/15/2025 23:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.360**	J	ug/L	0.244	0.500	1	EPA 8260D	04/15/2025 20:19	04/15/2025 23:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	04/15/2025 20:19	04/15/2025 23:28	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	04/15/2025 20:19	04/15/2025 23:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	04/15/2025 20:19	04/15/2025 23:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	04/15/2025 20:19	04/15/2025 23:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	04/15/2025 20:19	04/15/2025 23:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	04/15/2025 20:19	04/15/2025 23:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	04/15/2025 20:19	04/15/2025 23:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	04/15/2025 20:19	04/15/2025 23:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		

Sample Information

Client Sample ID: CIM-MW-02 0425 **York Sample ID:** 25D0979-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 12:22 pm	04/15/2025

VOA, 8260 LOW MASTER

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	0.346	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/15/2025 23:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	04/15/2025 20:19	04/15/2025 23:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PD

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.4 %*		*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*		*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*		*79-122*

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2025 08:33	04/18/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*0.0400 %*	S-08	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*0.960 %*	S-08	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*29.6 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*44.2 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*0.0200 %*	S-08	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*51.3 %*		*30.7-106*

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2025 08:39	04/18/2025 20:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AAK
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2025 08:39	04/18/2025 20:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AAK
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2025 08:39	04/18/2025 20:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AAK
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2025 08:39	04/18/2025 20:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AAK
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2025 08:39	04/18/2025 20:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AAK
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2025 08:39	04/18/2025 20:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AAK
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2025 08:39	04/18/2025 20:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AAK

Sample Information

Client Sample ID: CIM-MW-02 0425 **York Sample ID:** 25D0979-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 12:22 pm	04/15/2025

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/18/2025 20:33	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/18/2025 20:33	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/18/2025 20:33	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/18/2025 20:33	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/18/2025 20:33	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/18/2025 20:33	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/18/2025 20:33	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/18/2025 20:33	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/18/2025 20:33	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Arsenic by EPA 6020

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**	**19.1**		ug/L	1.11	1	EPA 6020B	04/16/2025 15:08	04/21/2025 14:23	JWT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Lead by EPA 6020

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		ug/L	1.11	1	EPA 6020B	04/16/2025 15:08	04/21/2025 14:23	JWT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: CIM-MW-03 0425 **York Sample ID:** 25D0979-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 1:26 pm	04/15/2025

VOA, 8260 LOW MASTER

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

Sample Information

Client Sample ID: CIM-MW-03 0425 **York Sample ID:** 25D0979-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 1:26 pm	04/15/2025

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	0.310	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/15/2025 23:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/15/2025 23:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PD
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/15/2025 23:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/15/2025 23:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/15/2025 23:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/15/2025 23:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PD
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	04/15/2025 20:19	04/15/2025 23:56 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/15/2025 23:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/15/2025 23:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/15/2025 23:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	04/15/2025 20:19	04/15/2025 23:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/15/2025 23:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/15/2025 23:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/15/2025 23:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/15/2025 23:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	04/15/2025 20:19	04/15/2025 23:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.9 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*79-122*

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2025 08:33	04/21/2025 09:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: CIM-MW-03 0425 **York Sample ID:** 25D0979-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 1:26 pm	04/15/2025

SVOA, 8270 LOW MASTER

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
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*0.100 %*	S-08		*19.7-63.1*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*0.0600 %*	S-08		*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*107 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*93.0 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*0.0400 %*	S-08		*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*100 %*			*30.7-106*						

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 09:28	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 09:28	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 09:28	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 09:28	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 09:28	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 09:28	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 09:28	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 09:28	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 09:28	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 09:28	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 09:28	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 09:28	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 09:28	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 09:28	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 09:28	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 09:28	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: CIM-MW-03 0425 **York Sample ID:** 25D0979-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 1:26 pm	04/15/2025

Lead by EPA 6020

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**	**1.34**	M-CCV 1	ug/L	1.11	1	EPA 6020B	04/16/2025 15:08	04/21/2025 14:42	JWT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Sample Information

Client Sample ID: CIM-MW-04 0425 **York Sample ID:** 25D0979-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 2:33 pm	04/15/2025

VOA, 8260 LOW MASTER

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	0.310	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 00:23	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 00:23	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 00:23	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 00:23	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 00:23	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**1.88**		ug/L	0.244	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 00:23	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	04/15/2025 20:19	04/16/2025 00:23	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 00:23	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 00:23	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 00:23	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	04/15/2025 20:19	04/16/2025 00:23	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 00:23	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 00:23	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 00:23	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		

Sample Information

Client Sample ID: CIM-MW-04 0425 **York Sample ID:** 25D0979-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 2:33 pm	04/15/2025

VOA, 8260 LOW MASTER

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	0.346	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/16/2025 00:23 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	04/15/2025 20:19	04/16/2025 00:23 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PD

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.4 %*		*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*		*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*		*79-122*

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2025 08:33	04/21/2025 15:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*0.0200 %*	S-08	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*0.100 %*	S-08	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*50.7 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*54.4 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*0.0400 %*	S-08	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*59.3 %*		*30.7-106*

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2025 08:39	04/21/2025 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AAK
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2025 08:39	04/21/2025 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AAK
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2025 08:39	04/21/2025 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AAK
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2025 08:39	04/21/2025 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AAK
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2025 08:39	04/21/2025 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AAK
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2025 08:39	04/21/2025 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AAK
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2025 08:39	04/21/2025 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AAK

Sample Information

Client Sample ID: CIM-MW-04 0425 **York Sample ID:** 25D0979-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 2:33 pm	04/15/2025

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 17:53	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 17:53	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 17:53	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 17:53	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 17:53	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 17:53	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 17:53	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 17:53	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 17:53	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Lead by EPA 6020

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		ug/L	1.11	1	EPA 6020B	04/16/2025 15:08	04/21/2025 14:46	JWT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: CIM-MW-06 0425 **York Sample ID:** 25D0979-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 2:40 pm	04/15/2025

VOA, 8260 LOW MASTER

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	0.310	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 00:51	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 00:51	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 00:51	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			

Sample Information

Client Sample ID: CIM-MW-06 0425 **York Sample ID:** 25D0979-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 2:40 pm	04/15/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/16/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/16/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/16/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PD
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	04/15/2025 20:19	04/16/2025 00:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/16/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/16/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/16/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	04/15/2025 20:19	04/16/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/16/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/16/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/16/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/16/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	04/15/2025 20:19	04/16/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.5 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2025 08:33	04/21/2025 16:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*0.0400 %*	S-08	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*1.42 %*	S-08	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*106 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*87.6 %*		*39.9-105*

Sample Information

Client Sample ID: CIM-MW-06 0425 **York Sample ID:** 25D0979-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 2:40 pm	04/15/2025

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*0.0200 %*	S-08		*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*81.6 %*			*30.7-106*						

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:23	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:23	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:23	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:23	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:23	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:23	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:23	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:23	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:23	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:23	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:23	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:23	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:23	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:23	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:23	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:23	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Lead by EPA 6020

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

Sample Prepared by Method: EPA 3015A

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

Sample Information

Client Sample ID: CIM-MW-06 0425 **York Sample ID:** 25D0979-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 2:40 pm	04/15/2025

Lead by EPA 6020

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**	**1.12**	M-CCV 1	ug/L	1.11	1	EPA 6020B	04/16/2025 15:08	04/21/2025 14:49	JWT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Sample Information

Client Sample ID: CIM-MW-07 0425 **York Sample ID:** 25D0979-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 1:40 pm	04/15/2025

VOA, 8260 LOW MASTER

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	0.310	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 01:18	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 01:18	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 01:18	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 01:18	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 01:18	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**2.55**		ug/L	0.244	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 01:18	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	04/15/2025 20:19	04/16/2025 01:18	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 01:18	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 01:18	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 01:18	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	04/15/2025 20:19	04/16/2025 01:18	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 01:18	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 01:18	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 01:18	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		

Sample Information

Client Sample ID: CIM-MW-07 0425 **York Sample ID:** 25D0979-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 1:40 pm	04/15/2025

VOA, 8260 LOW MASTER

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	0.346	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 01:18	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	04/15/2025 20:19	04/16/2025 01:18	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.7 %*		*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.9 %*		*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*		*79-122*

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2025 08:33	04/21/2025 16:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*0.0400 %*	S-08	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*0.0800 %*	S-08	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*90.5 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*82.8 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*0.0200 %*	S-08	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*82.0 %*		*30.7-106*

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.580**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:54	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:54	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.0700**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:54	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
56-55-3	**Benzo(a)anthracene**	**0.0500**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:54	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:54	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:54	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:54	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: CIM-MW-07 0425 **York Sample ID:** 25D0979-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 1:40 pm	04/15/2025

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:54	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
218-01-9	**Chrysene**	**0.0500**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:54	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:54	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**0.280**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:54	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
86-73-7	**Fluorene**	**0.220**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:54	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:54	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:54	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-01-8	**Phenanthrene**	**0.710**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:54	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
129-00-0	**Pyrene**	**0.240**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 18:54	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Lead by EPA 6020

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**	**1.55**	M-CCV 1	ug/L	1.11	1	EPA 6020B	04/16/2025 15:08	04/21/2025 14:53	JWT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Sample Information

Client Sample ID: CIM-MW-08 0425 **York Sample ID:** 25D0979-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 2:07 pm	04/15/2025

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 01:46	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 01:46	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		

Sample Information

Client Sample ID: CIM-MW-08 0425 **York Sample ID:** 25D0979-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 2:07 pm	04/15/2025

VOA, 8260 LOW MASTER

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	0.279	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	04/16/2025 01:46	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	04/16/2025 01:46	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	04/16/2025 01:46	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	04/16/2025 01:46	PD
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	04/15/2025 20:19 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	04/16/2025 01:46	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	04/16/2025 01:46	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	04/16/2025 01:46	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	04/16/2025 01:46	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	04/15/2025 20:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	04/16/2025 01:46	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	04/16/2025 01:46	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	04/16/2025 01:46	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	04/16/2025 01:46	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	04/16/2025 01:46	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	04/15/2025 20:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	04/16/2025 01:46	PD

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.6 %*		*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*		*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*		*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/21/2025 17:10	AK

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*0.0600 %*	S-08	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*0.0400 %*	S-08	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*89.5 %*		*50.2-113*

Sample Information

Client Sample ID: CIM-MW-08 0425 **York Sample ID:** 25D0979-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 2:07 pm	04/15/2025

SVOA, 8270 LOW MASTER

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
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*79.9 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*0.0200 %*	S-08		*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.0 %*			*30.7-106*						

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 19:24	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 19:24	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 19:24	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 19:24	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 19:24	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 19:24	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 19:24	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 19:24	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 19:24	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 19:24	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 19:24	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 19:24	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 19:24	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 19:24	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 19:24	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 19:24	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Lead by EPA 6020

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

Sample Prepared by Method: EPA 3015A

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

Sample Information

Client Sample ID: **CIM-MW-08 0425** **York Sample ID:** **25D0979-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 2:07 pm	04/15/2025

Lead by EPA 6020

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**	**6.15**	M-CCV 1	ug/L	1.11	1	EPA 6020B	04/16/2025 15:08	04/21/2025 14:56	JWT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Sample Information

Client Sample ID: **CIM-MW-09 0425** **York Sample ID:** **25D0979-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 12:09 pm	04/15/2025

VOA, 8260 LOW MASTER

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	0.310	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:13	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:13	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
71-43-2	**Benzene**	**2.08**		ug/L	0.279	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:13	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:13	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:13	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:13	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:13	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:13	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:13	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:13	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:13	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:13	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:13	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 02:13	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		

Sample Information

Client Sample ID: CIM-MW-09 0425 **York Sample ID:** 25D0979-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 12:09 pm	04/15/2025

VOA, 8260 LOW MASTER

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	0.346	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/16/2025 02:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	04/15/2025 20:19	04/16/2025 02:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PD

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.4 %*		*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.1 %*		*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*		*79-122*

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2025 08:33	04/21/2025 17:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*0.0400 %*	S-08	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*1.38 %*	S-08	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*88.4 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*75.8 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*0.0200 %*	S-08	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*58.6 %*		*30.7-106*

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2025 08:39	04/21/2025 19:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AAK
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2025 08:39	04/21/2025 19:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AAK
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2025 08:39	04/21/2025 19:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AAK
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2025 08:39	04/21/2025 19:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AAK
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2025 08:39	04/21/2025 19:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AAK
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2025 08:39	04/21/2025 19:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AAK
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2025 08:39	04/21/2025 19:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AAK

Sample Information

Client Sample ID: CIM-MW-09 0425 **York Sample ID:** 25D0979-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 12:09 pm	04/15/2025

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 19:55	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 19:55	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 19:55	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 19:55	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 19:55	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 19:55	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 19:55	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 19:55	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 19:55	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Lead by EPA 6020

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		ug/L	1.11	1	EPA 6020B	04/16/2025 15:08	04/21/2025 15:00	JWT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: CIM-FD-01 0425 **York Sample ID:** 25D0979-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 2:07 pm	04/15/2025

VOA, 8260 LOW MASTER

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**	**4.85**		ug/L	0.310	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 04:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
108-67-8	**1,3,5-Trimethylbenzene**	**1.51**		ug/L	0.347	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 04:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		

Sample Information

Client Sample ID: CIM-FD-01 0425 **York Sample ID:** 25D0979-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 2:07 pm	04/15/2025

VOA, 8260 LOW MASTER

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**	**7.31**		ug/L	0.279	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 04:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
100-41-4	**Ethyl Benzene**	**3.69**		ug/L	0.290	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 04:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
98-82-8	**Isopropylbenzene**	**1.50**		ug/L	0.405	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 04:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**4.97**		ug/L	0.244	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 04:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
91-20-3	**Naphthalene**	**12.5**		ug/L	0.212	2.00	1	EPA 8260D	04/15/2025 20:19	04/16/2025 04:58	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0444(		
104-51-8	**n-Butylbenzene**	**1.03**		ug/L	0.399	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 04:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
103-65-1	**n-Propylbenzene**	**2.01**		ug/L	0.384	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 04:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
95-47-6	**o-Xylene**	**1.27**		ug/L	0.261	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 04:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04		
179601-23-1	**p- & m- Xylenes**	**0.890**	J	ug/L	0.578	1.00	1	EPA 8260D	04/15/2025 20:19	04/16/2025 04:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04		
99-87-6	**p-Isopropyltoluene**	**0.470**	J	ug/L	0.377	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 04:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
135-98-8	**sec-Butylbenzene**	**0.780**		ug/L	0.444	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 04:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 04:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-88-3	**Toluene**	**0.900**		ug/L	0.346	0.500	1	EPA 8260D	04/15/2025 20:19	04/16/2025 04:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
1330-20-7	**Xylenes, Total**	**2.16**		ug/L	0.839	1.50	1	EPA 8260D	04/15/2025 20:19	04/16/2025 04:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2025 08:33	04/21/2025 18:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*%*	S-08	*19.7-63.1*

Sample Information

Client Sample ID: CIM-FD-01 0425 **York Sample ID:** 25D0979-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 2:07 pm	04/15/2025

SVOA, 8270 LOW MASTER

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
13127-88-3	*Surrogate: SURR: Phenol-d6*	*1.50 %*	S-08		*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*67.4 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.3 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*0.0200 %*	S-08		*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*42.5 %*			*30.7-106*						

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.340**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 20:25	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
208-96-8	**Acenaphthylene**	**0.150**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 20:25	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
120-12-7	**Anthracene**	**0.0700**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 20:25	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 20:25	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
50-32-8	**Benzo(a)pyrene**	**0.0500**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 20:25	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 20:25	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 20:25	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 20:25	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 20:25	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 20:25	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**0.0900**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 20:25	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 20:25	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 20:25	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
91-20-3	**Naphthalene**	**0.130**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 20:25	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
85-01-8	**Phenanthrene**	**0.0700**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 20:25	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
129-00-0	**Pyrene**	**0.140**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2025 08:39	04/21/2025 20:25	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Sample Information

Client Sample ID: CIM-FD-01 0425 **York Sample ID:** 25D0979-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 2:07 pm	04/15/2025

Lead by EPA 6020 **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		ug/L	1.11	1	EPA 6020B	04/16/2025 15:08	04/21/2025 15:03	JWT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: Trip Blank 0425 **York Sample ID:** 25D0979-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 12:09 pm	04/15/2025

VOA, 8260 LOW MASTER **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	0.310	0.500	1	EPA 8260D	04/15/2025 20:19	04/15/2025 21:39	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	04/15/2025 20:19	04/15/2025 21:39	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	04/15/2025 20:19	04/15/2025 21:39	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	04/15/2025 20:19	04/15/2025 21:39	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	04/15/2025 20:19	04/15/2025 21:39	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	04/15/2025 20:19	04/15/2025 21:39	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	04/15/2025 20:19	04/15/2025 21:39	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	04/15/2025 20:19	04/15/2025 21:39	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	04/15/2025 20:19	04/15/2025 21:39	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	04/15/2025 20:19	04/15/2025 21:39	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	04/15/2025 20:19	04/15/2025 21:39	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	04/15/2025 20:19	04/15/2025 21:39	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	04/15/2025 20:19	04/15/2025 21:39	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	04/15/2025 20:19	04/15/2025 21:39	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		

Sample Information

Client Sample ID: **Trip Blank 0425** **York Sample ID:** **25D0979-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25D0979	Consolidated Iron-2231596	Ground Water	April 14, 2025 12:09 pm	04/15/2025

VOA, 8260 LOW MASTER

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	0.346	0.500	1	EPA 8260D Certifications:	04/15/2025 20:19	04/15/2025 21:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	04/15/2025 20:19	04/15/2025 21:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*92.8 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*79-122*

Analytical Batch Summary

Batch ID: BD51149 **Preparation Method** EPA 5030B **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
25D0979-01	CIM-MW-01 MS MSD 0425	04/15/25
25D0979-02	CIM-MW-02 0425	04/15/25
25D0979-03	CIM-MW-03 0425	04/15/25
25D0979-04	CIM-MW-04 0425	04/15/25
25D0979-05	CIM-MW-06 0425	04/15/25
25D0979-06	CIM-MW-07 0425	04/15/25
25D0979-07	CIM-MW-08 0425	04/15/25
25D0979-08	CIM-MW-09 0425	04/15/25
25D0979-09	CIM-FD-01 0425	04/15/25
25D0979-10	Trip Blank 0425	04/15/25
BD51149-BLK1	Blank	04/15/25
BD51149-BS1	LCS	04/15/25
BD51149-MS1	Matrix Spike	04/15/25
BD51149-MSD1	Matrix Spike Dup	04/15/25

Batch ID: BD51222 **Preparation Method** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25D0979-01	CIM-MW-01 MS MSD 0425	04/16/25
25D0979-02	CIM-MW-02 0425	04/16/25
25D0979-03	CIM-MW-03 0425	04/16/25
25D0979-04	CIM-MW-04 0425	04/16/25
25D0979-05	CIM-MW-06 0425	04/16/25
25D0979-06	CIM-MW-07 0425	04/16/25
25D0979-07	CIM-MW-08 0425	04/16/25
25D0979-08	CIM-MW-09 0425	04/16/25
25D0979-09	CIM-FD-01 0425	04/16/25
BD51222-BLK1	Blank	04/16/25
BD51222-BS1	LCS	04/16/25
BD51222-DUP1	Duplicate	04/16/25
BD51222-MS1	Matrix Spike	04/16/25

Batch ID: BD51366 **Preparation Method** EPA 3510C **Prepared By:** SAC2

YORK Sample ID	Client Sample ID	Preparation Date
25D0979-01	CIM-MW-01 MS MSD 0425	04/18/25
25D0979-02	CIM-MW-02 0425	04/18/25
25D0979-03	CIM-MW-03 0425	04/18/25
25D0979-04	CIM-MW-04 0425	04/18/25
25D0979-05	CIM-MW-06 0425	04/18/25
25D0979-06	CIM-MW-07 0425	04/18/25
25D0979-07	CIM-MW-08 0425	04/18/25
25D0979-08	CIM-MW-09 0425	04/18/25
25D0979-09	CIM-FD-01 0425	04/18/25
BD51366-BLK1	Blank	04/18/25

BD51366-BS1	LCS	04/18/25
BD51366-MS1	Matrix Spike	04/18/25
BD51366-MSD1	Matrix Spike Dup	04/18/25

Batch ID: BD51370 **Preparation Method** EPA 3510C **Prepared By:** SAC2

YORK Sample ID	Client Sample ID	Preparation Date
25D0979-01	CIM-MW-01 MS MSD 0425	04/18/25
25D0979-02	CIM-MW-02 0425	04/18/25
25D0979-03	CIM-MW-03 0425	04/18/25
25D0979-04	CIM-MW-04 0425	04/18/25
25D0979-05	CIM-MW-06 0425	04/18/25
25D0979-06	CIM-MW-07 0425	04/18/25
25D0979-07	CIM-MW-08 0425	04/18/25
25D0979-08	CIM-MW-09 0425	04/18/25
25D0979-09	CIM-FD-01 0425	04/18/25
BD51370-BLK2	Blank	04/18/25
BD51370-BS2	LCS	04/18/25

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 BD51149 - EPA 5030B											
Blank (BD51149-BLK1)									Prepared & Analyzed: 04/15/2025		
1,2,4-Trimethylbenzene	ND	0.500	ug/L								
1,3,5-Trimethylbenzene	ND	0.500	"								
Benzene	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Toluene	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.62*		"	*10.0*		*96.2*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		"	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		"	*10.0*		*102*	*79-122*				
LCS (BD51149-BS1)									Prepared & Analyzed: 04/15/2025		
1,2,4-Trimethylbenzene	10.8		ug/L	10.0		108	82-132				
1,3,5-Trimethylbenzene	10.7		"	10.0		107	80-131				
Benzene	10.8		"	10.0		108	85-126				
Ethyl Benzene	10.8		"	10.0		108	80-131				
Isopropylbenzene	10.4		"	10.0		104	76-140				
Methyl tert-butyl ether (MTBE)	9.50		"	10.0		95.0	76-135				
Naphthalene	9.68		"	10.0		96.8	70-147				
n-Butylbenzene	10.5		"	10.0		105	79-132				
n-Propylbenzene	10.6		"	10.0		106	78-133				
o-Xylene	10.2		"	10.0		102	78-130				
p- & m- Xylenes	19.8		"	20.0		98.8	77-133				
p-Isopropyltoluene	10.6		"	10.0		106	81-136				
sec-Butylbenzene	10.5		"	10.0		105	79-137				
tert-Butylbenzene	9.99		"	10.0		99.9	77-138				
Toluene	10.7		"	10.0		107	80-127				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.14*		"	*10.0*		*91.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		"	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		"	*10.0*		*101*	*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 BD51149 - EPA 5030B											
Matrix Spike (BD51149-MS1)	*Source sample: 25D0979-01 (CIM-MW-01 MS MSD 0425)								Prepared: 04/15/2025 Analyzed: 04/16/2025		
1,2,4-Trimethylbenzene	14.1		ug/L	10.0	4.87	92.2	72-129				
1,3,5-Trimethylbenzene	10.6		"	10.0	1.49	91.1	69-126				
Benzene	17.3		"	10.0	7.39	98.8	38-155				
Ethyl Benzene	12.8		"	10.0	3.58	92.5	72-128				
Isopropylbenzene	10.7		"	10.0	1.50	92.0	66-139				
Methyl tert-butyl ether (MTBE)	14.2		"	10.0	4.87	93.1	75-128				
Naphthalene	22.3		"	10.0	12.4	99.2	39-158				
n-Butylbenzene	9.30		"	10.0	0.380	89.2	61-138				
n-Propylbenzene	10.9		"	10.0	1.98	89.5	66-134				
o-Xylene	10.1		"	10.0	1.26	88.1	69-126				
p- & m- Xylenes	17.5		"	20.0	0.860	83.0	67-130				
p-Isopropyltoluene	9.21		"	10.0	0.440	87.7	64-137				
sec-Butylbenzene	9.70		"	10.0	0.760	89.4	53-155				
tert-Butylbenzene	9.03		"	10.0	0.210	88.2	65-139				
Toluene	10.1		"	10.0	0.870	91.9	76-123				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.98*		*"*	*10.0*		*99.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.37*		*"*	*10.0*		*93.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*79-122*				
Matrix Spike Dup (BD51149-MSD1)	*Source sample: 25D0979-01 (CIM-MW-01 MS MSD 0425)								Prepared: 04/15/2025 Analyzed: 04/16/2025		
1,2,4-Trimethylbenzene	15.0		ug/L	10.0	4.87	102	72-129		6.52	30	
1,3,5-Trimethylbenzene	11.6		"	10.0	1.49	101	69-126		8.58	30	
Benzene	18.2		"	10.0	7.39	108	38-155		5.41	30	
Ethyl Benzene	13.5		"	10.0	3.58	98.8	72-128		4.79	30	
Isopropylbenzene	11.5		"	10.0	1.50	100	66-139		7.55	30	
Methyl tert-butyl ether (MTBE)	14.8		"	10.0	4.87	99.5	75-128		4.41	30	
Naphthalene	23.3		"	10.0	12.4	109	39-158		4.47	30	
n-Butylbenzene	10.1		"	10.0	0.380	97.1	61-138		8.15	30	
n-Propylbenzene	11.9		"	10.0	1.98	98.9	66-134		8.25	30	
o-Xylene	10.6		"	10.0	1.26	93.4	69-126		5.13	30	
p- & m- Xylenes	18.7		"	20.0	0.860	89.1	67-130		6.69	30	
p-Isopropyltoluene	10.1		"	10.0	0.440	96.7	64-137		9.32	30	
sec-Butylbenzene	10.6		"	10.0	0.760	98.0	53-155		8.49	30	
tert-Butylbenzene	9.77		"	10.0	0.210	95.6	65-139		7.87	30	
Toluene	10.6		"	10.0	0.870	97.4	76-123		5.32	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.45*		*"*	*10.0*		*94.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*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 BD51366 - EPA 3510C											
Blank (BD51366-BLK1)								Prepared & Analyzed: 04/18/2025			
2-Methylnaphthalene	ND	5.00	ug/L								
Surrogate: SURR: 2-Fluorophenol	*14.3*		"	*50.0*		*28.6*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*7.32*		"	*50.0*		*14.6*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*10.9*		"	*25.0*		*43.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*12.8*		"	*25.0*		*51.3*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*29.8*		"	*50.0*		*59.5*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*16.6*		"	*25.0*		*66.4*	*30.7-106*				
LCS (BD51366-BS1)								Prepared & Analyzed: 04/18/2025			
2-Methylnaphthalene	10.5	5.00	ug/L	25.0		42.0	24-118				
Surrogate: SURR: 2-Fluorophenol	*14.3*		"	*50.0*		*28.7*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*7.50*		"	*50.0*		*15.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*10.5*		"	*25.0*		*42.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*12.6*		"	*25.0*		*50.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*32.0*		"	*50.0*		*64.0*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*16.2*		"	*25.0*		*65.0*	*30.7-106*				
Matrix Spike (BD51366-MS1)	*Source sample: 25D0979-01 (CIM-MW-01 MS MSD 0425)							Prepared & Analyzed: 04/18/2025			
2-Methylnaphthalene	10.2	5.00	ug/L	25.0	ND	40.9	10-112				
Surrogate: SURR: 2-Fluorophenol	*13.0*		"	*50.0*		*26.1*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*6.65*		"	*50.0*		*13.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*9.78*		"	*25.0*		*39.1*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*11.4*		"	*25.0*		*45.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*29.2*		"	*50.0*		*58.4*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*14.4*		"	*25.0*		*57.4*	*30.7-106*				
Matrix Spike Dup (BD51366-MSD1)	*Source sample: 25D0979-01 (CIM-MW-01 MS MSD 0425)							Prepared & Analyzed: 04/18/2025			
2-Methylnaphthalene	12.0	5.00	ug/L	25.0	ND	47.8	10-112		15.6	25	
Surrogate: SURR: 2-Fluorophenol	*15.2*		"	*50.0*		*30.4*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.50*		"	*50.0*		*17.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*11.3*		"	*25.0*		*45.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.0*		"	*25.0*		*52.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*32.1*		"	*50.0*		*64.3*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*16.1*		"	*25.0*		*64.4*	*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 BD51370 - EPA 3510C											
Blank (BD51370-BLK2)										Prepared & Analyzed: 04/18/2025	
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	"								
LCS (BD51370-BS2)										Prepared & Analyzed: 04/18/2025	
Acenaphthene	0.550	0.0500	ug/L	1.00		55.0	25-116				
Acenaphthylene	0.680	0.0500	"	1.00		68.0	26-116				
Anthracene	0.610	0.0500	"	1.00		61.0	25-123				
Benzo(a)anthracene	0.870	0.0500	"	1.00		87.0	33-125				
Benzo(a)pyrene	0.810	0.0500	"	1.00		81.0	32-132				
Benzo(b)fluoranthene	0.910	0.0500	"	1.00		91.0	22-137				
Benzo(g,h,i)perylene	1.03	0.0500	"	1.00		103	10-138				
Benzo(k)fluoranthene	0.850	0.0500	"	1.00		85.0	20-137				
Chrysene	0.780	0.0500	"	1.00		78.0	32-124				
Dibenzo(a,h)anthracene	1.03	0.0500	"	1.00		103	16-133				
Fluoranthene	0.810	0.0500	"	1.00		81.0	32-121				
Fluorene	0.640	0.0500	"	1.00		64.0	28-118				
Indeno(1,2,3-cd)pyrene	0.980	0.0500	"	1.00		98.0	15-135				
Naphthalene	0.520	0.0500	"	1.00		52.0	18-120				
Phenanthrene	0.640	0.0500	"	1.00		64.0	24-127				
Pyrene	0.750	0.0500	"	1.00		75.0	31-132				

Metals by ICP/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 BD51222 - EPA 3015A											
Blank (BD51222-BLK1)										Prepared: 04/16/2025 Analyzed: 04/18/2025	
Arsenic	ND	1.11	ug/L								
Lead	ND	1.11	"								
LCS (BD51222-BS1)										Prepared: 04/16/2025 Analyzed: 04/18/2025	
Arsenic	49.9		ug/L	50.0		99.7	80-120				
Lead	50.5		"	50.0		101	80-120				
Duplicate (BD51222-DUP1)	*Source sample: 25D0979-01 (CIM-MW-01 MS MSD 0425)									Prepared: 04/16/2025 Analyzed: 04/21/2025	
Arsenic	ND	1.11	ug/L		ND					20	
Lead	ND	1.11	"		ND					20	
Matrix Spike (BD51222-MS1)	*Source sample: 25D0979-01 (CIM-MW-01 MS MSD 0425)									Prepared: 04/16/2025 Analyzed: 04/21/2025	
Arsenic	56.5		ug/L	50.0	0.476	112	75-125				
Lead	53.0		"	50.0	0.813	104	75-125				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25D0979-01	CIM-MW-01 MS MSD 0425	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25D0979-02	CIM-MW-02 0425	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25D0979-03	CIM-MW-03 0425	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25D0979-04	CIM-MW-04 0425	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25D0979-05	CIM-MW-06 0425	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25D0979-06	CIM-MW-07 0425	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25D0979-07	CIM-MW-08 0425	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25D0979-08	CIM-MW-09 0425	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25D0979-09	CIM-FD-01 0425	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25D0979-10	Trip Blank 0425	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
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.

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.

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 legal 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.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 25D0979

Page _____ of _____

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

YOUR Project Name / Number: Consolidated Iron / 2231596

PO Number:

Samples Collected From: NY, NJ, CT, PA, Other: (please specify)

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) ✓; PFAS Standard 7-10 Day

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

Samples Collected by: (print AND sign your name) Eric Orlowski / Nicklas Clement

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	CP-51 VOCs	CP-51 SVOCs	Total Pb	Total As	Grab or Comp.
CIM-MW-01 0425	4/14/25	10:35	GW	1	3		1							✓	✓	✓		
CIN-MW-01-MS 0425		10:40		1	3		1							✓	✓	✓		
CIM-MW-01-MSD 0425		10:45		1	3		1							✓	✓	✓		
CIM-MW-02 0425		12:22		1	3		1							✓	✓	✓	✓	
CIM-MW-03 0425		13:26		1	3		1							✓	✓	✓		
CIM-MW-04 0425		14:33		1	3		1							✓	✓	✓		
CIM-MW-06 0425		14:40		1	3		1							✓	✓	✓		
CIM-MW-07 0425		13:40		1	3		1							✓	✓	✓		
CIM-MW-08 0425		14:07		1	3		1							✓	✓	✓		
CIM-MW-09 0425		12:09		1	3		1							✓	✓	✓		
CIM-FD-01 0425		XXXX	↓	1	3		1							✓	✓	✓		
Trip Blank 0425	↓		DI	~~1~~	3		~~1~~							✓	~~✓~~	~~✓~~		

Grab or Comp.: G/C

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

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

Field Filtered

Lab Filtered

Comments:

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

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N

COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N

Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Eric Orlowski	4/14/25 19:00	Chris C	4-15-25 9:50	Chris C	4-15-25 1510
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					4/15/25 1510 1.2 Degrees C