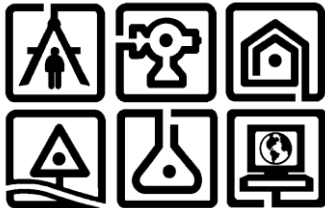


July 1, 2022
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2022 Periodic Review Report
Former Hudson Wire Mill Site
Village of Ossining
Westchester County, New York
NYSDEC Site No. C360065

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**2022 PERIODIC REVIEW REPORT
FORMER HUDSON WIRE MILL
VILLAGE OF OSSINING, WESTCHESTER COUNTY, NEW YORK**

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1.0 EXECUTIVE SUMMARY

This Periodic Review Report (PRR) was prepared according to the requirements of the Site Management Plan (SMP) for the Former Hudson Wire Mill Site (the Site) located at 47, 51-53, 61, and 62 Water Street in Ossining, New York. A Site Location Map is presented as Figure 1.

Investigation and remediation of the Site and the subsequent monitoring was conducted in general conformance with the New York State (NYS) Brownfield Cleanup Program (BCP) administered by the New York State Department of Environmental Conservation (NYSDEC). The Site was remediated in accordance with the Brownfield Cleanup Agreement (BCA) Index# W3-1006-04-06 and Site # C360065. A Certificate of Completion (COC) was issued on December 31, 2010.

Soils with residual contamination remain on-site following the remedial work described in the Final Engineering Report (FER), dated December 2010. The SMP was prepared in December 2010 to manage impacted soils at the Site in perpetuity or until extinguishment of the Environmental Easement in accordance with 6 NYCRR Part 375. The SMP was subsequently modified with approval from NYSDEC in 2012, 2014 and 2016.

The last PRR was submitted by Fuss & O'Neill (F&O) in July 2019. C.T. Male Associates Engineering, Surveying, Architecture & Landscape Architecture & Geology, D.P.C. (C.T. Male) was retained by The Wire Mill, LLC in August 2021 to provide environmental engineering services related to the continued monitoring and engineering certification as required by the COC. This PRR was prepared to document the ongoing monitoring and inspection activities in the reporting period from July 1, 2019 to July 1, 2022. These activities include:

- Periodic groundwater monitoring,
- Annual indoor and outdoor air monitoring, and
- Annual Site-wide inspections, inclusive of the inspection of the sub-slab depressurization system (SSDS) and composite cover system for Site.

Laboratory data and inspection forms pertaining to this reporting period prior to C.T. Male's involvement were reviewed and determined to be acceptable. C.T. Male is only able to provide certification for the period under C.T. Male's involvement.

Based on the review of the compliance monitoring results, inclusive of groundwater and

ambient air sampling, for this reporting period, the remedial program is effective at protecting human health and the environment.

2.0 SITE OVERVIEW

2.1 Site Location and Description

The Site consists of four (4) tax parcels encompassing approximately 3.71-acres located at 47, 51-53, 61, and 62 Water Street in the Village of Ossining, Westchester County, New York. The four (4) tax parcels are identified as Section, Block, and Lots 89.19-5-1, 89.18-1-15, 89.18-1-16, 89.18-1-17, 89.18-1-18, and 89.18-1-19 on the Westchester County Tax Map. Figure 3 depicts the layout of the parcels.

The surrounding parcels are a mix of single family residential; two (2) to three (3) family and multi-structure properties; public parks and parkway lands; manufacturing, industrial and warehousing; and, institutional and public assembly land uses.

The 47, 51-53, and 61 Water Street parcels are bounded by the Metro-North Railroad tracks to west and Water Street to the east. The 62 Water Street parcel, portion of the Site east of Water Street (directly across the street from 47, 51-53, and 61 Water Street parcels), is bounded by Central Avenue to the south, Broadway to the north, Water Street to the west, and by a wooded embankment known as Fourth of July Hill to the east.

The Site is located approximately 300 feet from the Hudson River and contains two (2) main structures, a 7,100 square-foot building west of Water Street and an approximate 100,000 square-foot series of interconnected buildings, east of Water Street. The Site was formerly occupied by the Hudson Wire Company manufacturing facility.

The portion of the Site west of Water Street is currently occupied by two (2) paved parking lots and a glass fabrication facility known as Mirage Mirror & Glass, located at 61 Water Street. The portion of the Site east of Water Street is currently occupied by a large facility, a series of interconnected buildings, with two (2) paved parking lots in the northern and southern portions of the parcel. Approximately the northern half of the on-site facility is occupied by the Mini Storage Center, a self-storage business. The remaining southern half is used as storage space for various business including DB Productions Costume Rental, a business renting costumes and theatrical property and artifacts. In addition, Masterfit Enterprises Inc., a sole manufacturing facility is located in the eastern central portion of the building. Some portions of the building at 62 Water Street are not occupied.

2.2 Site History

The Site history was determined through historical documents from Ossining Library, interviews with former employees and persons with knowledge of the Site, and from the 1989 Phase I Environmental Site Assessment (ESA) prepared by ENSR. The key elements are summarized below:

- The Site was owned and operated since approximately 1909 by the Hudson Wire Company, which principally produced specialty copper wire products for computer and electronics industries. Processes used on-site included nickel and silver electroplating, wire drawing and annealing, and stranding wire into cables. Primary waste streams included spent plating solutions and sludge, spent alkaline wire cleaner solution, and contaminated wire rinse water and wire drawing solution.
- The facility was expanded numerous times over the years to meet growing business demands. The early building configurations around the year 1919 included a coal shed, coal bin, an out-of-use coal gas producer, and an engine room. It is presumed that the equipment described above was contained in the facility and used for gasifying coal, which in turn was used to fuel the engine and power the facility. Electricity was generated to power the production machinery and/or for illumination. Records indicate that on-site coal gasification probably ceased around 1919 due to the availability of electricity. Coal gasification at the facility generated coal tar wastes.
- A coal gasification facility likely was located south of the Site during the 1920's. A 500,000 cubic foot gas holding tank was located adjacent to the southeast corner of the Site.

2.3 Summary of Remedial Investigation Findings

The following previous environmental investigations were conducted at the Site.

- Phase I ESA (ENSR Consulting and Engineering, 1989)
- Phase II Subsurface Investigation (ICF Kaiser, 1995)
- Site Investigation/ Alternatives Report (The Chazen Companies, 2002)
- Investigation and Remedial Action Selection Report (The Chazen Companies, 2003)
- Remedial Action Work Plan (The Chazen Companies, 2003)
- Remedial Action Work Plan (F&O, 2005)

- Supplemental Investigation Work Plan (SIWP) (F&O, 2007)
- 2009 Supplemental Investigation Results and Supplemental Work Plan (F&O, 2010)

As a result of the previous investigations, six (6) areas of concern (AOC) were identified. These areas are summarized below:

- AOC-01: Former Plating Room within Building No. 8;
- AOC-02: Building located at 61 Water Street, West side of Water Street;
- AOC-03: Basement of Building No. 2, former hazardous materials storage room;
- AOC-04: Driveway between Building No. 2 and Building No. 5;
- AOC-05: Basement of Building No. 5, former wastewater treatment area; and
- AOC-06: Historic urban fill located across the Site.

AOCs are depicted on Figure 2.

Impacts associated with metals, chlorinated solvents, and/or cyanide were detected in the soil and groundwater in these areas. In addition, soil vapor sampling documents the presence of Volatile Organic Compounds (VOCs) beneath the slab of the main facility (east of Water Street) and 61 Water Street.

2.4 Identification of Standards, Criteria and Guidance

The standards and guidance used to evaluate soil, groundwater, and soil vapor intrusion at the Site are as follows:

- Soil: Table 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (SCOs) and Table 375-6.8 (b) Restricted Residential Use and Applicable Groundwater Protection and Soil Cleanup Objectives (December 2006);
- Groundwater: Division of Water Technical and Operational Guidance Series Water Quality Standards and Guidance (TOGS 1.1.1.) (June 1998); and,
- Soil Vapor Intrusion: NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, Table 3.1 Air guideline values derived by the NYSDOH (October 2006) and the "September 2013: New Ambient Air Guideline for Tetrachloroethene", "August 2015: New Ambient Air Guideline for Trichloroethene", and the "May 2017: Updates to Soil Vapor / Indoor Air Decision Matrices."

2.5 Summary of Remedial Actions

The Site was remediated in general accordance with the NYSDEC-approved Remedial Action Work Plan (RAWP) dated April 2005, the 2009 Supplemental Investigation Results and Supplemental Work Plan, dated January 2010, the 2010 Supplemental Work Plan dated October 2010, a letter from F&O to the NYSDEC dated June 30, 2012, and NYSDEC-approved revisions. Remedial actions were performed at AOC-1 through AOC-5 and are depicted in Figure 4A.

The following specified remedial actions were performed at the Site.

Soil Excavation and Off-Site Disposal

Impacted soil containing the highest levels of constituents of concern (e.g., soil located below the former trenches in the plating room), was excavated and transported to a permitted off-site disposal facility as part of the remediation at AOC-01. Additional soil was removed as part of the excavation of the trenches and suction pits for the SSDS and from the strip of unpaved land located at the southwest corner of the Site to allow for placement of a clean soil cover. A figure showing the trench, suction pit, and soil cover area locations is included as Figure 4B.

Two Rounds of Groundwater Amendment Injections

Metals Remediation Compound (MRC[®]) was injected into the groundwater during the initial remediation work completed in 2006 to reduce the metals concentrations in the groundwater and foster the reductive dechlorination of the solvent plume at AOC-01, AOC-02, AOC-04, and AOC-05. The MRC[®] was injected into the groundwater through soil borings drilled in the Plating Room, Building No. 5, the hallway, the driveway between Buildings 2 and 5, and in front of the 61 Water Street building.

A supplemental round of groundwater amendment injections was completed in August 2011 to address chlorinated volatile organics and metals at AOC-01, AOC-02, AOC-04, and AOC-05. The supplemental injections included solutions of yeast extract, EHC[®]/EHC-M[®], zero valent iron (ZVI), kelp, a blend of nutrients, calcium propionate, and/or sodium sulfite. A figure indicating the approximate groundwater amendment treatment areas is included as Figure 4A.

Sub-Slab Depressurization System

The SSDS was installed to mitigate potential vapor intrusion from trace VOCs associated with at AOC-01, AOC-02, AOC-04, and AOC-05 that may be present below the building slabs. An initial SSDS system was installed in 2005-2006 and was upgraded to expand the system coverage area in 2009. The SSDS was installed in Buildings No. 1, 2, 5, 6, 8, 11, 13 and 14, and the hallway bisecting/connecting several of these buildings. In addition, a SSDS provides partial coverage for the building located at 61 Water Street. The SSDS installation involved installing perforated piping in trenches and pits excavated below the slab. The perforated piping was connected with solid piping above the slab. Inline centrifugal fans are used to create a negative pressure gradient below the slab and vent vapors outdoors. The SSDS is divided into six (6) zones each served by separate fans vented to the roof. The SSDS at 61 Water Street was subsequently modified in 2013 to relocate the inline centrifugal fan from inside of the building to outside the building above the roofline. Figures showing the layout of the SSDS are included as Figures 4C, 4D, and 4E.

Sand Blasting

The walls and floors in the basement of Building #2 and the tank surfaces in the basement of Building #5 were sandblasted to remove residue on the concrete surfaces associated with AOC-03. Waste sand and material removed from surfaces were vacuumed and transported to a permitted off-site disposal facility. Pipes, beams, and other surfaces which could not be sandblasted in the basement area of Building #2 were cleaned by hand using wet rags to remove dust that may have accumulated from the sandblasting process.

Pressure Washing

The walls and floors in the basement of Building #5 were pressure washed to remove residue associated with AOC-03. In addition, the pavement in the parking lot located north of the 61 Water Street building, which was used as a soil management zone during the remedial activities, was pressure washed after soil removal. The wastewater from the pressure washing was vacuumed and transported to a permitted off-site disposal facility.

Clean Soil Cover

A clean soil cover, part of the composite cover system, was installed over the unpaved portion of the parcel located at the southwest corner of the Site as shown on *Figure 4A* to

address AOC-06. Installation of the clean soil cover involved removal of two (2) feet of existing soil, placement of a demarcation layer consisting of orange snow fencing, and placement of two (2) feet of clean soil. Grass seed and hay were placed to stabilize the clean soil cover.

Institutional Controls

In addition to these remedial actions, NYSDEC requires “Institutional Controls” that include the filing of an Environmental Easement that limits the future use of the facility to restricted residential, commercial, and/or industrial use. An Environmental Easement on the Site was filed with the Office of the Westchester County Clerk on December 16, 2010. Further details of the remedial activities are included in the FER prepared by F&O.

3.0 PERFORMANCE EVALUATION

The remedial strategy followed a Track 4 cleanup under the BCP and consisted of source area removal, elimination of exposure pathways by either removing or rendering inaccessible soils that exceed the Restricted Residential SCOs listed on Table 375-6.8(b), and the execution of an Environmental Easement to restrict the Site to restricted residential, commercial, or industrial use.

MRC[®] was injected in 2006 to enhance remediation of the groundwater plume at the Site. MRC[®] reduces the metals concentrations in groundwater and creates a reducing environment within the groundwater plume, which fosters the reductive dechlorination of the solvent plume.

Groundwater monitoring completed following the MRC[®] injections indicated that exceedances of the TOGS 1.1.1 standards/guidance values remained at the Site and therefore a supplemental groundwater amendment injection program was implemented in 2011. A solution of yeast extract, EHC[®]/EHC-M[®], ZVI, kelp, a blend of nutrients, calcium propionate, and/or sodium sulfite were injected at the Site. EHC[®] is a proprietary, controlled-release carbon and ZVI source produced by Adventus Americas, Inc. (Adventus). EHC-M[®] is a specially formulated treatment material produced by Adventus that contains controlled-release organic carbon, ZVI, a source of sulfate, and other additives. The blend of amendments was tailored to address the metals, chlorinated solvents, and cyanide at the Site.

Following remediation, the Site was developed for commercial and manufacturing purposes. The portion of the Site west of Water Street is currently occupied by two (2) paved parking lots and a glass fabrication facility known as Mirage Mirror & Glass, located at 61 Water Street. The portion of the Site east of Water Street is currently occupied by a large facility, a series of interconnected buildings, with two (2) paved parking lots in the northern and southern portions of the parcel. Approximately the northern half of the on-site facility is occupied by the Mini Storage Center, a self-storage business. The remaining southern half is used as storage space for various business including DB Productions Costume Rental, a business renting costumes and theatrical property and artifacts. In addition, Masterfit Enterprises Inc., a sole manufacturing facility is located in the eastern central portion of the building. Some portions of the building at 62 Water Street are not occupied.

Groundwater monitoring completed to date has shown improvement in groundwater quality in some locations following the supplemental groundwater amendment injection program. Generally, the most notable improvements were observed at AOC-2, AOC-4, and parts of AOC-5 related to decreased concentrations of Trichloroethene (TCE) and Tetrachloroethene (PCE). An increase in cis-1,2-dichloroethene and vinyl chloride to peak concentrations (for the all monitoring periods) were reported in the 2020 sampling event for GW-2 (AOC-5), however, concentrations decreased in the 2021 sampling event. Additionally, improvements in concentrations of several metals including, chromium, copper, iron, lead, and/or nickel, were observed at AOC-5 and parts of AOC-1.

Based on the inspections and evaluations conducted on the SSDS during this reporting period, the SSDS is working properly. Although exceedances for methylene chloride and PCE above the NYSDOH Air Guideline Values (AGVs) were reported in this reporting period, these are likely attributed to indoor air sources such as on-site activities (sole manufacturing) and/or stored chemicals (adhesives, paints, and cleaning agents, etc.) in close proximity to the sampling locations. Indoor air sampling results are discussed further in Section 5.2.2.

In areas where materials exceeding the Restricted Residential SCO remain, an engineered composite cover consisting of building slabs, asphalt, concrete, and/or two feet of clean soil remains in place and continues to be effective in preventing human exposure to residual impacted soil remaining at the Site.

An Institutional Control, in the form of an Environmental Easement has been put in place to restrict the Site to restricted residential or less stringent uses and restrict activities in areas with remaining impacted materials. The Institutional Controls have been followed and continue to be effective in minimizing potential exposure to remaining impacted material.

4.0 INSTITUTIONAL / ENGINEERING CONTROL COMPLIANCE REPORT

4.1 Engineering Controls

4.1.1 Composite Cover System

Exposure to residual impacted soil is prevented by a composite cover system. This cover system is comprised of asphalt pavement, concrete sidewalks, concrete building slabs, and/or a minimum of twenty-four inches of clean soil.

The composite cover system continues to prevent exposure to residual impacted soils. During the February 2019 and August 2020 inspections conducted by F&O, deteriorated asphalt was observed in the driveway located central portion of the 62 Water Street parcel. During the December 2021 inspection conducted by C.T. Male, the asphalt pavement was observed to be minimally to moderately deteriorated in the northwestern corner of the parking lot north of the building located at 61 Water Street. The Site owner is in the process of obtaining approvals from the Village of Ossining for improvements in this portion of the Site (west of Water Street), which will involve repaving with asphalt on this portion of the Site (restoration of the composite cover system).

The deteriorated asphalt is not anticipated to significantly impact the performance of the composite cover system. Inspection and maintenance of the composite cover system is discussed in Section 5.1.

4.1.2 Sub-Slab Depressurization System

Based on the inspections and evaluations conducted on the SSDS during this reporting period, the SSDS is working properly. Indoor air monitoring has occurred approximately every three (3) months from May 2011 through July 2012. The indoor air monitoring frequency following July 2012 was revised to once per year during the heating season. Indoor air monitoring was performed in December 2020 (by F&O) and December 2021 (by C.T. Male) during this reporting period.

Although exceedances for methylene chloride and PCE above the NYSDOH AGVs were documented in this reporting period, these are likely attributed to indoor air sources such as on-site activities (sole manufacturing) and/or stored chemicals (adhesives, paints, and cleaning agents, etc.) in close proximity to the sampling locations. Indoor air sampling results are discussed further in Section 5.2.2.

The SSDS was inspected during the annual Site-wide inspections and the system continues to provide a negative pressure differential below the building slabs across the impacted areas of the Site. Further discussion of the annual Site-wide inspection is included in Section 5.1.

4.2 Institutional Controls

A series of Institutional Controls are required under the SMP to:

1. Implement, maintain, and monitor Engineering Controls
2. Prevent exposure to residual impacted soil by controlling disturbances of the subsurface
3. Restrict the use of the Site to restricted residential, commercial, or industrial uses only. Adherence to these Institutional Controls on the Site is required under the Environmental Easement and will be implemented under the SMP. These Institutional Controls include:
 - Compliance with the Environmental Easement by the Grantor and the Grantor's successors and assigns with all elements of the SMP
 - All Engineering Controls must be operated and maintained as specified in the SMP
 - A composite cover system consisting of bituminous concrete covered areas, concrete slabs, one foot of clean soil, and concrete building slabs must be inspected, certified, and maintained as required in the SMP
 - All Engineering Controls on the Site must be inspected and certified at a frequency and in a manner defined in the SMP
 - Groundwater and indoor air monitoring must be performed as defined in the SMP
 - Data and information pertinent to management for the Site must be reported at the frequency and in a manner defined in the SMP

Institutional Controls identified in the Environmental Easement may not be discontinued without an amendment to or extinguishment of the Environmental Easement.

The Site has a series of Institutional Controls in the form of site restrictions. Adherence to these Institutional Controls is required by the Environmental Easement. Site restrictions that apply to the Site are:

- The property may only be used for restricted residential use and/or commercial and/or industrial use provided that the long-term Engineering and Institutional

Controls included in this SMP are employed

- The property may not be used for a higher level of use, such as unrestricted use without additional remediation and amendment of the Environmental Easement, as approved by the NYSDEC
- All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP
- The use of the groundwater underlying the property is prohibited without treatment rendering it safe for intended use
- The potential for vapor intrusion must be evaluated for any buildings developed on the Site, and any potential impacts that are identified must be monitored or mitigated
- Vegetable gardens and farming on the property are prohibited
- The Site owner or remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Site are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Site at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable. NYSDEC approved a revised certification period of once every three years in 2019.

4.3 IC/EC Certification

An Institutional and Engineering Controls Certification Form has been received from NYSDEC. The form with the appropriate signatures and signed by a New York State licensed Professional Engineer has been submitted to NYSDEC and is included in this Report as Appendix A.

5.0 MONITORING PLAN COMPLIANCE REPORT

The SMP, inclusive of subsequent NYSDEC-approved modifications, requires that performance monitoring be conducted following the issuance of the COC. The monitoring programs will be conducted as specified below in Table A until otherwise approved by NYSDEC and NYSDOH.

Table A: Monitoring Schedule

Monitoring Program	Frequency	Analysis
Groundwater	Once every 15 months (February 2019 - Present)	TCL VOCs Barium, Hexavalent Chromium, Total Chromium, Copper, Iron, Lead, Manganese, Mercury, Nickel, Silver, Sodium and Zinc* Cyanide (Select Locations) pH, temperature, specific conductance, dissolved oxygen
Indoor Air	Annually During Heating Season	TO-15 VOCs
Engineering Control System	Annually	Inspections Only

Note: (*) Metals listed as per original requirement of the SMP. Groundwater requirements were subsequently modified with NYSDEC approval, and these modifications are described Section 5.2.1.

5.1 Site-Wide Inspections

The SMP requires a Site-wide inspection to be performed on a regular schedule at a minimum of once a year. Site-wide inspections are also required after all severe weather conditions that may affect Engineering Controls or monitoring devices. The purpose of the Site-wide inspection is to assess the following:

- Compliance with all Institutional Controls, including Site usage;
- Condition and continued effectiveness of Engineering Controls;
- General Site conditions at the time of the inspection;
- That Site management activities are being conducted, including, where appropriate, confirmation sampling and a health and safety inspection; and

- Confirm that Site records are up to date.

Site-wide inspections were completed each calendar year during the reporting period on the following dates:

- December 19, 2019
- November 27, 2020
- December 23, 2021

Site-wide inspections prior to 2021 were conducted by F&O. C.T. Male conducted the Site-wide inspection in 2021. Copies of the Institutional and Site Management Inspection Forms and the Engineering Control Inspection Forms completed for the current reporting period are included in Appendix B. Institutional and Site Management Inspection and the Engineering Control Inspection Forms from November 2020 (Site-wide inspection completed by F&O) were not provided to C.T. Male for review. However, a map with written observations from this inspection is included in Appendix B. These observations are generally consistent with the observations of the 2019 Site-wide inspection.

No severe weather events that would have been expected to impact the Engineering Controls occurred during the reporting period; therefore, no additional Site-wide inspections beyond the routine annual inspection were completed.

5.1.2 Sub-Slab Depressurization System Monitoring

An inspection of the SSDS is required annually as part of the Site-wide inspection. F&O performed an inspection of the SSDS on December 19, 2019. C.T. Male performed inspections of the SSDS on December 23, 2021, January 6, February 18, and April 12, 2022. C.T. Male inspections were performed due to malfunctioning of the field manometer and monitoring point in Zone A (see below).

No impacts to the aboveground SSDS piping, the vent stacks, or the fans were noted during the inspections. The sub-slab pressure differential was measured at each of the five (5) permanent monitoring tap locations shown on Figure 4C. A minimum sub-slab pressure differential of -0.002 inches of water column (in. H₂O) is required to demonstrate that the system is operating properly. The pressure differentials were measured at each zone using a manometer as summarized below in Table B.

Table B: Sub-Slab Pressure Differential

Zone	Sub-Slab Pressure Differential (inches H ₂ O)			
	December 19, 2019 (F&O)	January 6, 2022 (C.T. Male)	April 12, 2022 (C.T. Male and OBAR)	April 28, 2022 (OBAR)
Zone A	-0.01	0.000	-0.0725*	-0.068**
Zone B	-0.01	-0.008	-	-
Zone C	-0.66	-0.698	-	-
Zone D	-0.02	-0.08	-	-
Zone E	-0.01	-0.022	-	-

Notes: (*) A temporary hole was drilled through the slab adjacent to the permanent monitoring port for Zone A and a reading was collected from this temporary point. (**) Following the reinstallation of the monitoring point for Zone A. (-) Measurement not collected.

The SSDS Zone locations are indicated on Figure 4E.

Sub-slab pressure differential measurements were not collected on December 21, 2021 due to malfunctioning of the field manometer. Subsequently, measurements were collected on January 6, 2022 with satisfactory measurements for all the monitoring points, with the exception of the monitoring point for Zone A (see above). The monitoring point for Zone A was reassessed by C.T. Male on February 16, 2022 following the clearing/cleaning of the monitoring point by mechanically blowing air inside the monitoring point.

Based on the review of previous data for the system and discussion with the Site owner and previous consultant, it was determined that the monitoring point in Zone A was likely malfunctioning, however, the SSDS in Zone A was properly functioning. To confirm this, OBAR Systems, Inc. (OBAR), a soil vapor intrusion specialist, was retained to assess the monitoring point and the entire system. OBAR performed an evaluation of the system on April 12, 2022 under the oversight of C.T. Male. The evaluation confirmed the assumption of a malfunctioning monitoring point and that the SSDS was adequately working. The monitoring point for Zone A was reinstalled on April 28, 2022. An adequate reading confirmed the new monitoring point was functioning correctly (see above). The OBAR Report documenting the evaluation of the system is presented as Exhibit A.

The SSDS continues to operate properly and remains effective in preventing the potential for migration of soil vapors into the indoor air. Copies of the completed Engineered Control Inspection Forms are included in Appendix B.

5.2 Media Monitoring Program

5.2.1 Groundwater Monitoring

The SMP requires groundwater monitoring to be performed on a periodic basis to assess the performance of the remedy. The initial remedial goal for groundwater quality was to achieve TOGS 1.1.1 water quality standards/guidance values for class GA groundwater.

The network of groundwater sampling locations included 14 monitoring wells (SB-01, SB-02, SB-05, SB-23, SB-24, SB-26, SB-30, SB-31, SB-32, SB-33, SB-36B, SB-37, SB-38, and SB-39) and two (2) groundwater grab locations (GW-01 and GW-02, basement).

Groundwater monitoring was conducted quarterly until August 2013. From August 2013 through August 2016, groundwater monitoring occurred once every nine (9) months, as proposed in the 2013 PRR and approved by NYSDEC. During the previous reporting period from July 2016 through July 2019, groundwater monitoring occurred once every fifteen (15) months, as proposed in the 2016 PRR and approved by NYSDEC. Monitoring well locations are depicted on Figure 2A.

This PRR includes groundwater monitoring results from February 2019 through the October 2021 sampling event. The 2019 and 2020 sampling events were conducted by F&O and the 2021 sampling event was conducted by C.T. Male. Although reported in the previous PRR, the results for the 2019 sampling event are discussed herein as per the SMP approved modification (2016 NYSDEC letter, italics added by C.T. Male for clarification) “the second sampling round *reported in any given PRR* must be submitted within the next certification period and it must be presented in the next PRR submittal.”

Table C: Required Groundwater Sampling Plan

Analyte	Analytical Methods*	Monitoring Methods	Frequency
Target Compound List (TCL) VOCs	8260B	SB-1, SB-2, SB-5, SB-23, SB-24, SB-26, SB-30, SB-31, SB-32, SB-33, SB-36B; SB-37, SB-38, SB-39, GW-1, and GW-2	Every 15 Months
Chromium, Copper, Lead, Mercury, Nickel, and Silver* (Dissolved metals for low-yielding and high turbidity wells)	6010 & 7471/7470	SB-1, SB-2, SB-5, SB-23, SB-24, SB-26, SB-30, SB-31, SB-32, SB-37, SB-38, SB-39, GW-1, and GW-2	Every 15 Months

Table C: Required Groundwater Sampling Plan

Analyte	Analytical Methods*	Monitoring Methods	Frequency
Cyanide	335.2/3	SB-1, SB-2, SB-5, SB-23, SB-32, and SB-38	Every 15 Months
Field Parameters (pH, temperature, specific conductance, dissolved oxygen)	(Field Measurements)	SB-1, SB-2, SB-5, SB-23, SB-24, SB-26, SB-30, SB-31, SB-32, SB-33, SB-36B, SB-37, and SB-38, SB-39	Every 15 Months

Note: (*) Metals listed as per C.T. Male’s understanding of the original requirements of the SMP, and subsequent NYSDEC-approved modifications (see following subsection “NYSDEC-Approved Sampling Modifications”). Barium is listed as an original SMP parameter; however, it has not been sampled for in recent sampling events. It is assumed this parameter is no longer a requirement of the SMP (see following subsection “NYSDEC-Approved Sampling Modifications”).

NYSDEC-Approved Sampling Modifications

The following modifications to the SMP sampling requirements for groundwater were approved by NYSDEC as per C.T. Male’s review of the available information:

2012 NYSDEC PRR Approval Letter

- Sampling for hexavalent chromium sampling is no longer required;
- Filtering of groundwater samples (for the analysis of dissolved metals) is warranted in high turbidity samples which are associated with low-yielding monitoring wells (generally wells within the 62 Water Street parcel);
- Sampling of additional downgradient monitoring wells. (Note: Although not indicated in the communication these are assumed to be SB-33, SB-36B and SB-39); and,
- Sampling of cyanide in “downgradient off-site wells” (Note: Although not indicated in the communication these are assumed to be SB-32 and SB-38).

2016 NYSDEC PRR Approval Letter

- Sampling frequency was modified from once every nine (9) months to once every 15 months; and,
- Reduction in the parameters “as discussed in Section 7.4 of the 2016 PRR”, with exception of zinc. (Note: Although not indicated in the communication these parameters are assumed to be those that can be considered naturally occurring such as iron, manganese, and sodium).

2019 NYSDEC PRR Approval Letter

- Sampling for zinc is no longer required.

SMP Deviations During This Reporting Period

The SMP requirements and subsequent approved revisions were followed with exception of instances where sufficient sample volume could not be obtained due to low-yielding wells or inability to locate wells. In some instances, the volume of water collected was sufficient to sample for selected parameters such as field parameters, cyanide, metals, and/or VOCs (and not the entire required set for a particular well).

During the February 2019 sampling event monitoring wells SB-32 and SB-39 were not sampled as these were inaccessible underneath snowbanks. During the August 2020 sampling event monitoring wells SB-1 and SB-23 were only sampled for VOCs, and cyanide for SB-1, as these went dry before filling sample containers for metals. During the October 2021 sampling event, monitoring well SB-31 was unable to be located and therefore could not be sampled and monitoring well SB-33 was not sampled as it was dry.

Monitoring wells SB-1, SB-2, SB-5, SB-23, SB-24, SB-26, SB-30, SB-31, SB-33, GW-1, and GW-2 have been low yield wells that have gone dry prior to field parameters stabilizing during each sampling event and during this reporting period. In these cases, the monitoring wells were either sampled as grab samples after the well recharged or the sample was collected from the initial purge water. All samples analyzed for metals in the 2021 sampling event were analyzed for dissolved metals only, with exception of cyanide.

The groundwater monitoring program that has been followed during this reporting period is summarized below in Table D.

Table D: Post-Remediation Groundwater Sampling Plan

Analyte	Analytical Methods	Monitoring Locations	Frequency
TCL VOCs	8260B	<p>February 2019: SB-1, SB-2, SB-5, SB-23, SB-24, SB-26, SB-30, SB-31, SB-32, SB-33, SB-36B, SB-37, SB-38, GW-1, and GW-2.</p> <p>August 2020: SB-1, SB-2, SB-5, SB-23, SB-24, SB-26, SB-30, SB-31, SB-32, SB-33, SB-36B, SB-37, SB-38, GW-1, and GW-2.</p> <p>October 2021: SB-1, SB-2, SB-5, SB-23, SB-24, SB-26, SB-30, SB-32, SB-36B, SB-37, SB-38, SB-39, GW-1, GW-2.</p>	Every 15 Months (8/2020 and 10/2021)
Chromium, Copper, Lead, Mercury, Nickel, Silver, and Zinc*	6010 & 7471/7470	<p>February 2019: SB-1, SB-2, SB-5, SB-23, SB-24, SB-26, SB-30, SB-31, SB-33, SB-36B, SB-37, SB-38, GW-1, and GW-2.</p> <p>August 2020: SB-2, SB-5, SB-24, SB-26, SB-30, SB-31, SB-32, SB-33, SB-36B, SB-37, SB-38, GW-1, and GW-2.</p> <p>October 2021: SB-1, SB-2, SB-5, SB-23, SB-24, SB-26, SB-30, SB-32, SB-36B, SB-37, SB-38, SB-39, GW-1, and GW-2.</p>	Every 15 Months (8/2020 and 10/2021)
Cyanide	335.2/3	<p>February 2019: SB-1, SB-2, SB-5, and SB-38.</p> <p>August 2020: SB-2, SB-5, SB-32, and SB-38.</p> <p>October 2021: SB-1, SB-2, SB-5, SB-24, SB-32, SB-36B, and SB-38.</p>	Every 15 Months (8/2020 and 10/2021)

Table D: Post-Remediation Groundwater Sampling Plan

Analyte	Analytical Methods	Monitoring Locations	Frequency
Field Parameters (pH, temperature, specific conductance, dissolved oxygen)	(Field Measurements)	<p>February 2019: SB-1, SB-2, SB-5, SB-23, SB-24, SB-26, SB-30, SB-31, SB-33, SB-36B, SB-37, SB-38, GW-1, and GW-2.</p> <p>August 2020: SB-2, SB-3, SB-5, SB-23, SB-24, SB-26, SB-30, SB-31, SB-32, SB-36B, SB-37, SB-38, GW-1, and GW-2.</p> <p>October 2021: SB-1, SB-5, SB-32, SB-36B, SB-37, SB-38, and SB-39.</p>	Every 15 Months (8/2020 – 10/2021)

Note: (*) All samples analyzed for metals in the 2021 sampling event were analyzed for dissolved metals only, with exception of cyanide.

The groundwater analytical results are summarized in the following subsections and in Tables 1A and 1B. Copies of the laboratory reports are included in Appendix C. Copies of analytical tables from previous groundwater sampling completed by The Chazen Companies in March 2002 and F&O in 2005-2018 are included in Appendix E. Analytical results from the recent sampling events are summarized below in Sections 5.2.1.1 and 5.2.1.2.

5.2.1.1 Volatile Organic Compounds

Exceedances of the TOGS 1.1.1 standards/guidance for VOCs are summarized below in Table E. Exceedances of VOCs in groundwater (spider diagrams) are depicted on Figures 2C and 2D.

Table E: Summary of Groundwater VOC Exceedances August 2020 to October 2021

Area of Concern *	Constituents	TOGS 1.1.1 Criteria (µg/L)	Well ID	Dates of Exceedance During Reporting Period	Historic Concentration Range (µg/L) (5/2004-11/2017)	Reporting Period Concentration Range (µg/L) (2/2019-10/2021)
AOC-1	Acetone**	50	SB-5	2/2019, 8/2020, 10/2021	20 to 1700*	67 to 1200
	Cis-1,2 Dichloroethene	5	SB-5	8/2020, 10/2021	<0.43 to 8.3	3.8 to 26
	Methylene Chloride	5	SB-5	10/2021	2 to 170	2.3 to 5
	PCE	5	SB-5	2/2019, 8/2020, 10/2021	14 to 97	23 to 66
	TCE	5	SB-5	2/2019, 8/2020, 10/2021	22 to 65	14 to 50
	2-Butanone (MEK)	50	SB-5	2/2019	<10 to 570	<0.2 to 380
AOC-2	Cis-1,2 Dichloroethene	5	SB-37	8/2020	4.4 to 190	3.3 to 5.6
	PCE	5	SB-37	2/2019, 8/2020, 10/2021	0.21 to 130	6.8 to 8.6
	TCE	5	SB-37	2/2019, 8/2020, 10/2021	<0.16 to 72	6.2 to 7.9
AOC-4	Vinyl Chloride	2	SB-30	2/2019, 8/2020	0.27 to 61	0.38 to 4.2
AOC-5	Cis-1,2 Dichloroethene	5	GW-1	8/2020	0.27 to 55	1.4 to 9

Table E: Summary of Groundwater VOC Exceedances August 2020 to October 2021

Area of Concern *	Constituents	TOGS 1.1.1 Criteria (µg/L)	Well ID	Dates of Exceedance During Reporting Period	Historic Concentration Range (µg/L) (5/2004-11/2017)	Reporting Period Concentration Range (µg/L) (2/2019-10/2021)
	PCE	5	GW-1	8/2020	<0.2 to 670	0.47 to 9.3
	TCE	5	GW-1	8/2020	<0.2 to 85	0.52 to 7.9
	Vinyl Chloride	2	GW-2	8/2020	0.24 to 14	<0.2 to 34
	Cis-1,2 Dichloroethene	5	GW-2	2/2019, 8/2020, 10/2021	5.5 to 37	6.2 to 80
	PCE	5	GW-2	2/2019, 10/2021	1.1 to 86	0.85 to 7.4
	TCE	5	GW-2	10/2021	1.8 to 29	2.4 to 6
AOC-6	PCE	5	SB-31	2/2019, 8/2020	<1 to 38	16 to 20
	TCE	5	SB-31	2/2019, 8/2020	0.59 to 12	8.2 to 12
	PCE	5	SB-31 Field Dup.	8/2020	<1 to 38	24
	TCE	5	SB-31 Field Dup.	8/2020	0.59 to 12	14

Note: (*) No monitoring wells are located within AOC-3. (**) Acetone was detected in the sample blank during the October 2021 sample event during this reporting period and during previous reporting periods. Acetone is a common laboratory contaminant; therefore, its presence in the sample blank may indicate that a high bias is possibly due to laboratory contamination.

AOC-01

Three (3) monitoring wells, SB-1, SB-2 and SB-5, are located within AOC-1. Acetone, PCE, and TCE were detected above guidance levels at SB-5 in the February 2019, August 2020, and October 2021 sampling events. Cis-1,2 dichloroethene was detected above guidance levels at SB-5 in the August 2020 and October 2021 sampling events. Methylene Chloride was detected above guidance levels at SB-5 during the October 2021 sampling event. MEK was detected above guidance levels at SB-5 during the February 2019 sampling event. No other exceedances of VOCs were detected in the remaining wells in AOC-1 for the sampling events in this reporting period.

SB-5, located at the northwest corner of the plating room has consistently exceeded TOGS 1.1.1 standards/guidance during most sample events for acetone, methylene chloride, MEK, chloroform, cis-1,2-dichloroethene, PCE, and TCE since 2002.

Two (2) rounds of groundwater amendment injections were completed in 2006 and 2011 that targeted the former plating room area (AOC-1). While seasonal fluctuation in VOC concentrations have been observed, no significant decrease in concentrations has been observed at SB-5 as shown in the plotted graph of VOC concentrations in *Figure 5A*. Generally upgradient well SB-26 and downgradient wells SB-32, SB-33 and SB-38 from SB-5 have not document VOCs levels above TOGS 1.1.1 standards/guidance, which is indicative of localized VOC contamination in this area and not likely migrating off-site. The previous consultant, F&O, indicated "It is possible that remaining inaccessible source material may be present in this area. It is also possible that elevated cyanide concentrations present at SB-5 may be inhibiting biological attenuation processes in this location..."

AOC-02

One (1) monitoring well, SB-37, is located within AOC-2. PCE and TCE were detected above guidance levels at SB-37 in February 2019, August 2020, and October 2021 sampling events. Cis-1,2 dichloroethene was detected above guidance levels at SB-37 in the August 2020 sampling event. No other exceedances were detected in AOC-2 for the sampling events in this reporting period.

AOC-02 was subject to two (2) rounds of groundwater amendment injections in 2006 and 2011 to address PCE and TCE that have historically been present at levels exceeding the TOGS 1.1.1 standards in SB-37, located to the east of the building at 61 Water Street. PCE concentrations at SB-37 have been reduced from a peak concentration of 130 µg/L in May

2004 to concentrations ranging 6.8 µg/L to 8.6 µg/L in this reporting period. TCE concentrations at SB-37 have been reduced from a peak concentration of 72 µg/L in May 2004 to 6.2 to 7.9 µg/L in this reporting period. 1,1-Dichloroethane concentrations at SB-37 have been below the TOGS 1.1.1 standard of 5 µg/L during the last sampling events, with exception of a slight exceedance in August 2020 (5.6 µg/L). A plotted graph of VOC concentrations at SB-37 is included in Figure 5C.

VOCs have not been present at levels above TOGS 1.1.1 standards/guidance at the nearest downgradient monitoring well, SB-36B, in any of the post-remediation sampling events, which is indicative of localized VOC contamination in this area and not likely migrating off-site.

AOC-03

No monitoring wells are located within AOC-3.

AOC-04

One (1) monitoring well, SB-30, is located within AOC-4. Vinyl chloride was detected above its guidance level at SB-30 in the February 2019 and August 2020 sampling events. No other exceedances were detected in AOC-4 for the sampling events in this reporting period.

The driveway between Buildings No. 2 and 5 was subject to two (2) rounds of groundwater amendment injections in 2006 and 2011 to address PCE, TCE, 1,1-dichloroethane, cis-1,2-dichloroethene, and 1,1,1-trichloroethane at SB-30. Only vinyl chloride, the TCE/PCE breakdown product, remained above TOGS 1.1.1 standards during this reporting period. PCE has decreased from 840 µg/L in March 2002 to an estimated concentration of 0.18 µg/L in October 2021. TCE has decreased from 250 µg/L in March 2002 to an estimated concentration of 0.46 µg/L in October 2021. Cis-1,2-dichloroethene is has decreased from 240 µg/L in June 2010 to an estimated 0.86 µg/L in October 2021 and has been below TOGS 1.1.1 standards during the last sampling events. Vinyl chloride has decreased from 61 µg/L in January 2012 to an estimated concentration of 0.38 µg/L in October 2021. A plotted graph of VOC concentrations at SB-30 is included in Figure 5D.

VOCs have not been present at levels above TOGS 1.1.1 standards/guidance at the nearest direct downgradient monitoring well, SB-39, in any of the post-remediation sampling events.

AOC-05

Two (2) monitoring wells, GW-1 and GW-2 are located within AOC-5. Cis-1,2 dichloroethene was detected above guidance levels at GW-1 in August 2020 and at GW-2 in the February 2019, August 2020, and October 2021 sampling events. PCE was detected above guidance levels at GW-1 in August 2020 and at GW-2 in the February 2019 and October 2021. TCE was detected above guidance levels at GW-1 in August 2020 and at GW-2 in October 2021. Vinyl chloride was detected above guidance levels at GW-2 in August 2020. No other exceedances were detected in the remaining wells in AOC-5 for the sampling events in this reporting period.

The basement of Building No. 5 was subject to two (2) rounds of groundwater amendment injections in 2006 and 2011 to address PCE, TCE, and their breakdown products cis-1,2-dichloroethene and vinyl chloride.

GW-1, located on the eastern side of the basement exceeded TOGS 1.1.1 standards / guidance during the August 2020 sampling events for cis-1,2 dichloroethene, PCE and TCE. However, PCE and TCE concentrations in October 2021 (an estimated concentration of 0.47 µg/L for PCE and 0.52 µg/L for TCE) have significantly decreased from peak concentrations of 670 µg/L of PCE and 85 µg/L of TCE documented in May 2004. Cis-1,2 dichloroethene concentrations have decreased from a peak concentration of 55 µg/L in April 2012 to an estimated concentration of 1.4 µg/L in October 2021. Vinyl chloride is has decreased from a peak concentration of 13 µg/L documented in April 2012 to an estimated 0.54 µg/L in October 2021. A plotted graph of VOC concentrations at GW-1 is included as Figure 5E.

GW-2, located on the western side of the basement (closest to Water Street) exceeded TOGS 1.1.1 standards / guidance in various sampling events during this reporting period for PCE, TCE, cis-1,2 dichloroethene, and vinyl chloride. Cis-1,2 dichloroethene (80 µg/L) and vinyl chloride (34 µg/L) were detected at their highest concentrations since 2004 during the August 2020 sample event. Cis-1,2 dichloroethene (10 µg/L) and vinyl chloride (<1 µg/L) concentrations decreased in the October 2021 sample event when compared to the August 2020 concentrations. PCE concentrations at GW-2 have decreased from a peak concentration of 86 µg/L of PCE documented in May 2004 to 7.4 µg/L in October 2021. TCE concentrations at GW-2 have decreased from a peak concentration of 29 µg/L in May 2004 to 6 µg/L in October 2021.

A plotted graph of VOC concentrations at GW-2 is included as Figure 5F. There appears to be an overall downward trend in chlorinated solvents since the supplemental injection

of amendments to the groundwater in 2011, with exception of the concentrations of cis-1,2 dichloroethene and vinyl chloride in the August 2020 sampling event. October 2021 concentrations of cis-1,2 dichloroethene and vinyl chloride are consistent with documented concentrations prior to August 2020. Concentrations will continue to be monitored in subsequent sampling events as specified in the SMP and subsequent modifications. Data gathered in subsequent groundwater sampling events for the following reporting period will provide further information on the observed trends.

AOC-06

Nine (9) monitoring wells, SB-23, SB-24, SB- 26, SB-31, SB-32, SB-33, SB-36B, SB-38 and SB-39, are located within AOC-6.

PCE and TCE were detected above guidance levels at SB-31 in the February 2019 and August 2020 sampling events (SB-31 was not located in the October 2021 sampling event). No other exceedances were detected at SB-31 31 in the February 2019 and August 2020 sampling events.

An increase in PCE, TCE, and cis-1,2-dichloroethene was observed downgradient of AOC-05 at SB-31 starting with the January 2012 sampling event. Some mobilization of the contaminant plume likely occurred as a result of the groundwater amendment injections that occurred within AOC-05 in 2011. Elevated concentrations of PCE and TCE above TOGS 1.1.1 have continued through the August 2020 sampling event (SB-31 was not sample in the October 2021 sampling event as it was not located). A peak concentration of TCE (14 µg/L) at SB-31 was detected in August 2020 sampling event (inclusive of all sampling events from 2004 to 2020). A concentration of PCE (24 µg/L) at SB-31 was detected in August 2020 sampling event (peak concentration of PCE [38 µg/L] detected in April 2012). Concentrations will continue to be monitored in subsequent sampling events as specified in the SMP and subsequent modifications.

A plotted graph of VOC concentrations at SB-31 is included as Figure 5G. An overall downward trend in chlorinated solvents was observed from the supplemental injection of amendments to the groundwater in 2011 until 2014. Following the 2014 sampling event an overall upward trend for PCE and TCE has been observed, while an overall downward trend for cis-1,2-dichloroethenewas observed. It is our opinion that concentrations of PCE and TCE following the 2014 sampling have not significantly fluctuated as these concentrations have ranged from 16 µg/L to 24 µg/L and 7.2 µg/L to 14 µg/L, respectively. Concentrations will continue to be monitored in subsequent sampling

events as specified in the SMP and subsequent modifications. Data gathered in subsequent groundwater sampling events for the following reporting period will provide further information on the observed trends.

No exceedances of VOCs were documented for remaining wells in AOC-6.

5.2.1.2 Inorganics

A select list of metals, including total chromium, copper, lead, mercury, nickel, silver, and zinc have been analyzed from each monitoring well. In addition, cyanide has been analyzed for sample collected at SB-1, SB-2, SB-5, SB-23, SB-32, and SB-38.

Exceedances of the TOGS 1.1.1 standards/ guidance for inorganics are summarized below in Table F. Exceedances of total and dissolved metals in groundwater (spider diagrams) are depicted on Figures 2E and 2F.

Table F: Summary Groundwater Inorganic Exceedances August 2020 - October 2021

Area of Concern	Constituents	TOGS 1.1.1 Criteria (µg/L)	Well ID	Reporting Period Dates of Exceedance During Reporting Period	Historic Concentration Range (µg/L) (5/2004-11/2017)	Reporting Period Concentration Range (µg/L) (2/2019-10/2021)
AOC-1	Chromium	50	SB-5	8/2020	<0.9 to 125	2.41 to 80.1
	Copper	200	SB-5	2/2019, 8/2020, 10/2021*	10800 to 39700	458.7 to 21400
	Cyanide	200	SB-5	2/2019, 8/2020, 10/2021*	12600 to 370000	5660 to 19100
	Lead	25	SB-5	2/2019, 8/2020	1.6 to 86.8	12.04 to 60.9
	Mercury	0.7	SB-5	2/2019	<0.2 to 66	0.39 to 1.37
	Nickel	100	SB-5	2/2019, 8/2020, 10/2021*	345 to 961	593.8 to 822
	Silver	50	SB-5	2/2019, 8/2020	975 to 101000	22.8 to 1110
AOC-2	Chromium	50	SB-37	8/2020	<0.9 to 27.5	0.54 to 66.2
	Lead	25	SB-37	8/2020	<1.2 to 27.5	<1 to 31.3
AOC-5	Chromium	50	GW-1	2/2019	<5 to 1950	1.05 to 105

Table F: Summary Groundwater Inorganic Exceedances August 2020 - October 2021

Area of Concern	Constituents	TOGS 1.1.1 Criteria (µg/L)	Well ID	Reporting Period Dates of Exceedance During Reporting Period	Historic Concentration Range (µg/L) (5/2004-11/2017)	Reporting Period Concentration Range (µg/L) (2/2019-10/2021)
	Copper	200	GW-1	2/2019	<3 to 4100	1.03 to 1590
	Lead	25	GW-1	2/2019	<3 to 109	<1 to 38.2
	Chromium	50	GW-2	8/2020	<0.9 to 197	8.86 to 160
	Copper	200	GW-2	8/2020	<3 to 763	9.43 to 284
AOC-6	Nickel	100	SB-23	10/2021*	584	571.3
	Chromium	50	SB-26	8/2020	<0.9 to 235	0.69 to 84.8
	Copper	200	SB-26	8/2020	<1 to 616	1.69 to 317
	Lead	25	SB-26	8/2020	<1.2 to 63.9	<1 to 74.9
	Lead	25	SB-31	8/2020	1.2 to 34.1	<5.56 to 41.7
	Chromium	50	SB-33	8/2020	<1.8 to 71.3	<5.56 to 66.3
	Lead	25	SB-33	8/2020	<1.1 to 318	<5.56 to 492
	Chromium	50	SB-36B	8/2020	<1.8 to 12.9	0.55 to 54.7
	Copper	200	SB-36B	8/2020	<2 to 44	2.43 to 234
	Lead	25	SB-36B	8/2020	<2.2 to 51	<1 to 1120

Notes: * Filtered sample results as documented by C.T. Male. Total metals concentrations are included in *Table 1A* for comparison purposes.

AOC-01

Three (3) monitoring wells, SB-1, SB-2 and SB-5 are located within AOC-1. Reported metals concentrations from monitoring wells located within the building encompassing AOC-01 have varied widely between past monitoring events and appear to be largely the result of suspended solids collected in the samples.

Copper, lead, mercury, nickel and silver (total and dissolved) and cyanide exceeded TOGS 1.1.1 standards at SB-5 in February 2019. Chromium, Copper, lead, nickel and silver (total only, dissolved not analyzed) and cyanide exceeded TOGS 1.1.1 standards at SB-5 in August 2020. No other exceedances of analyzed metals were detected at this location and in the remaining wells in AOC-1 (SB-1 and SB-2) for the sampling events in this reporting period.

Generally, a decrease in metals concentrations was documented between the 2019 and 2021 sampling events. A plotted graph of cyanide concentrations at SB-5 is included in Figure 5H. Plotted graphs of select metals concentrations at SB-2 and SB-5 are included as Figures 5I and 5J.

AOC-02

One (1) monitoring well, SB-37, is located within AOC-2. Total chromium (66.2 µg/L) and total lead (31.3 µg/L) were detected exceeding TOGS 1.1.1 standards at SB-37 in August 2020 (peak concentrations). No other inorganics exceeded TOGS 1.1.1 standards during the August 2020 sampling event, and no inorganics exceeded TOGS 1.1.1 standards during the February 2019 and October 2021 sampling event.

AOC-03

No monitoring wells are located within AOC-3.

AOC-04

One (1) monitoring well, SB-30, is located within AOC-4. This area was subject to two (2) rounds of groundwater amendment injections in 2006 and 2011. Prior to the groundwater amendments injections chromium was present in SB-30 at 437 µg/L in May 2004. All chromium samples from SB-30 collected following the first round of groundwater amendment injections in 2006 have been below TOGS 1.1.1 standards. No exceedances of inorganics were detected during this reporting period.

AOC-05

Chromium, copper, lead, nickel, and zinc have all historically been present at GW-1 and GW-2, at levels exceeding the TOGS 1.1.1 standards. This area was subject to two (2) rounds of groundwater amendment injections in 2006 and 2011. Following the groundwater amendment injections significant decreases in metals concentrations have occurred and no exceedances of TOGS 1.1.1 standards were present in dissolved metals at GW-1 and GW-2 since analysis of dissolved metals began in 2013.

At GW-1:

- Chromium has decreased from 1,360 µg/L in March 2002 to 1.05 µg/L dissolved in October 2021

- Copper has decreased from 1,010 µg/L in March 2002 to 1.03 µg/L dissolved in October 2021
- Lead has decreased from 314 µg/L in March 2002 to <1 µg/L dissolved in October 2021
- Nickel has decreased from 1,020 µg/L in March 2002 to an estimated value of 1.67 µg/L in October 2021
- Zinc has decreased from 7,160 µg/L in March 2002 to <10 µg/L dissolved in October 2021

At GW-2:

- Chromium has decreased from 3,800 µg/L in March 2002 to 8.86 µg/L dissolved in October 2021
- Copper has decreased from 48,400 µg/L in March 2002 to 9.43 µg/L dissolved in October 2021
- Lead has decreased from 239 µg/L in March 2002 to <1 µg/L in October 2021
- Nickel has decreased from 876 µg/L in March 2002 to 2.98 µg/L dissolved in October 2021
- Zinc has decreased from 7,160 µg/L in March 2002 to <10 µg/L dissolved in October 2021

A plotted graph of select metals concentrations at GW-2 is included as Figure 5K.

AOC-06

Nine (9) monitoring wells, SB-23, SB-24, SB-26, SB-31, SB-32, SB-33, SB-36B, SB-38 and SB-39, are located within AOC-6. Exceedances of metals were documented in the following monitoring wells for this reporting period: SB-23, SB-26, SB-31, SB-33, and SB-36B. No exceedances were documented for remaining wells during this reporting period.

The reported exceedances for total metals (total chromium, total copper and total lead) in the above-referenced wells were reported in the 2020 sampling event. Dissolved metals analysis was not performed for monitoring wells SB-26, SB-31, and SB-33 in the 2020 sampling event. Dissolved metals analysis was performed for monitoring well SB-36B in 2020 and dissolved concentrations did not exceed applicable standards. The potential exists for the exceedances in total metals to be the result of high turbidity in the collected samples.

Total metals were not analyzed for in the 2021 sampling event. An exceedance of

dissolved nickel (571.3 ug/L, standard 100 ug/L) was reported in the 2021 sampling event. No other exceedances of dissolved metals were reported for the 2021 sampling event.

5.2.2 Indoor Air Monitoring Program

Seven (7) indoor air samples were collected at the building locations indicated below in accordance with the SMP and subsequent modifications (unless otherwise noted):

- IA-3, Building No. 12 (AOC-6)
- IA-4, Building No. 8 (AOC-1)
- IA-5, Building No. 5 (AOC-5)
- IA-6, Building No. 6 in December 2020 and Building No. 13 in December 2021 (AOC-6)
- IA-7, Building No. 14 (AOC-6)
- IA-8, Building No. 11 (AOC-6)
- IA-9, 61 Water Street (building of an active glass manufacturing facility, AOC-2)

An outdoor air sample (OA-1) was collected along the southern property boundary on the eastern side of Water Street. Two (2) air sampling events were conducted during this reporting period in December 2020 by F&O and December 2021 by C.T. Male. During the 2021 sampling event the interior of Building No. 6 was not accessible. An alternate sampling location for IA-6 was selected in the interior of Building No. 13 (adjacent to Building No. 6 to the south). Building No. 13 currently operates an active sole manufacturing facility. Sample locations are shown on Figure 2.

Air samples were collected in six (6)-liter, stainless steel Summa canisters and analyzed for VOCs via USEPA Method TO-15. Air guideline values (AGVs) have been established in the New York State Department of Health's (NYSDOH's) Guidance for Evaluating Soil Vapor Intrusion in the State of New York (GESVI, October 2006) and subsequent guidance memoranda for methylene chloride (60 $\mu\text{g}/\text{m}^3$), perchloroethylene (PCE) (30 $\mu\text{g}/\text{m}^3$) and trichloroethylene (TCE) (2 $\mu\text{g}/\text{m}^3$). No other AGVs have been established by NYSDOH for VOCs.

Exceedances of chlorinated solvents in air (spider diagram) are depicted on Figure 2B. During the 2020 sampling event, samples IA-3 and IA-8 documented methylene chloride concentrations above its AGV (120 $\mu\text{g}/\text{m}^3$ at each sample). During the 2021 sampling event sample IA-6 documented a PCE concentration (65.3 $\mu\text{g}/\text{m}^3$) above its AGV.

Methylene chloride was not detected at these and other sampling locations above the reporting limit of 3.00 µg/m³, with exception of IA-9 (5.31 µg/m³) in the 2021 sampling event. No other compounds exceeded their respective AGV in the 2020 and 2021 sampling events. No exceedances of these compounds were reported in previous sampling events prior to 2020. The analytical results are summarized in Table 2. Laboratory results for the air samples are presented in Appendix C.

A Soil Vapor Intrusion – Structure Sampling Building Questionnaire was completed for each of the air monitoring events to identify Site conditions, chemical products present and other factors at the Site that may interfere with the sampling. Copies of the building questionnaire are included in Appendix D.

During the 2020 sampling event, several chemical products were identified near sampling locations IA-3 and IA-8 in the building questionnaire. These chemical products have the potential to interfere with the air sampling at these locations. These chemicals included adhesives, paints, cleaning agents, etc. A list of these products can be found in the 2020 building questionnaire (Appendix D). Given the presence of these products near the sampling locations and the absence of these exceedances in the 2021 indoor air sampling event (chemical products were not identified at/near the IA-8 sampling locations in 2021), these exceedances are likely attributed to indoor air sources present at the time of sampling.

During the 2021 sampling event, several chemical products were identified near sampling locations IA-6 in the building questionnaire. These chemical products have the potential to interfere with the air sampling at these locations. These chemicals included adhesives, dry silicon, etc. Sample IA-6 was relocated in the 2021 sampling event as the historic location of IA-6 was not accessible. The new location of IA-6 is currently the location of a sole manufacturing facility. Plastic-type odors were noted during the 2021 sampling event at this location. Given the presence of these products near this sampling location and the presence of manufacturing activities with adhesives and plastics, this exceedance is likely attributed to indoor air sources present at the time of sampling.

The placement of future air samples at the sole manufacturing facility (Building No. 13) will be avoided given that on-site activities at this location have the potential to interfere with sample collection and analysis. In future sampling events the historic location of IA-6 (interior of Building No. 6) will be secured in advance, so that future samples can be collected at this location and continue to be consistent with the location of past sampling events.

6.0 OPERATION AND MAINTENANCE PLAN COMPLIANCE REPORT

6.1 Operation and Maintenance Completion Summary

The inline fans are the only component of the SSDS that require routine maintenance. Periodically the impellers of the inline fans should be cleaned to remove any airborne particles that may have accumulated on the impellers. During the 2021 SSDS inspection, the inline fans were noted to be operational and no obstructions (excessive dust or other debris) were observed at/near the exterior of the fan locations.

Monitoring point for Zone A was reinstalled in 2022 and adequate readings were documented following reinstallation. Further details are provided in Section 5.1.2 of this Report. Copies of the completed Engineering Control Inspection Forms are included in Appendix B.

7.0 OVERALL PRR CONCLUSIONS AND RECOMMENDATIONS

7.1 Indoor Air

During this reporting period, indoor air samples were collected in December 2020 (by F&O) and December 2021 (C.T. Male) from seven (7) indoor locations and one (1) outdoor location (background). Although exceedances for methylene chloride and PCE above the NYSDOH AGVs were documented in this reporting period, these are likely attributed to indoor air sources such as on-site activities (sole manufacturing) and/or stored chemical products (adhesives, paints, and cleaning agents, etc.) near the sampling locations. Indoor air sampling results are discussed further in Section 5.2.2. Exceedances of chlorinated solvents in air (spider diagrams) are depicted on Figures 2B. Indoor air sampling is anticipated to continue at the frequency prescribed in the SMP and subsequent approved revisions. The sampling locations where exceedances occurred, with exception of the sample collected in Building No. 13 in 2021 (IA-6), will be resampled during the upcoming heating season by December 2022.

7.2 Groundwater

Remediation at the Site was completed under the Brownfield Cleanup Program Track 4 cleanup path which allows for the use of long-term Institutional and/or Engineering Controls to address all media. Remaining impacts in groundwater are addressed through Engineering Controls (SSDS & composite cover system) and through Institutional Controls (restrictions on groundwater usage at the site). Municipal water is currently available and is in use at the Site and surrounding areas. Groundwater sampling data indicates that contaminants are not migrating off-site. The previous remedial efforts and the existing Engineering and Institutional Controls have been effective in mitigating the groundwater impacts at the Site and therefore, no further action to address remaining impacts in groundwater are necessary.

Groundwater sampling indicates that chlorinated solvents and cyanide exceeding TOGS 1.1.1 standards/guidance are contained within the Site and the area of Water Street that runs through the Site. Exceedances of VOCs and total and dissolved metals in groundwater (spider diagrams) are depicted on Figures 2C through 2F. Groundwater sampling is anticipated to continue at the frequency prescribed in the SMP and subsequent approved revisions.

7.3 Site Wide Inspection

Site-wide inspections were performed on the following dates during this reporting period:

- December 19, 2019 (F&O)
- November 27, 2020 (F&O)
- December 23, 2021 (C.T. Male)

The Site-wide inspections have verified compliance with the Site's Institutional Controls and have shown that the Engineering Controls continue to be effective. The composite cover system continues to prevent exposure to residual impacted soils and the SSDS continues to function to prevent soil vapor intrusion into the building interior.

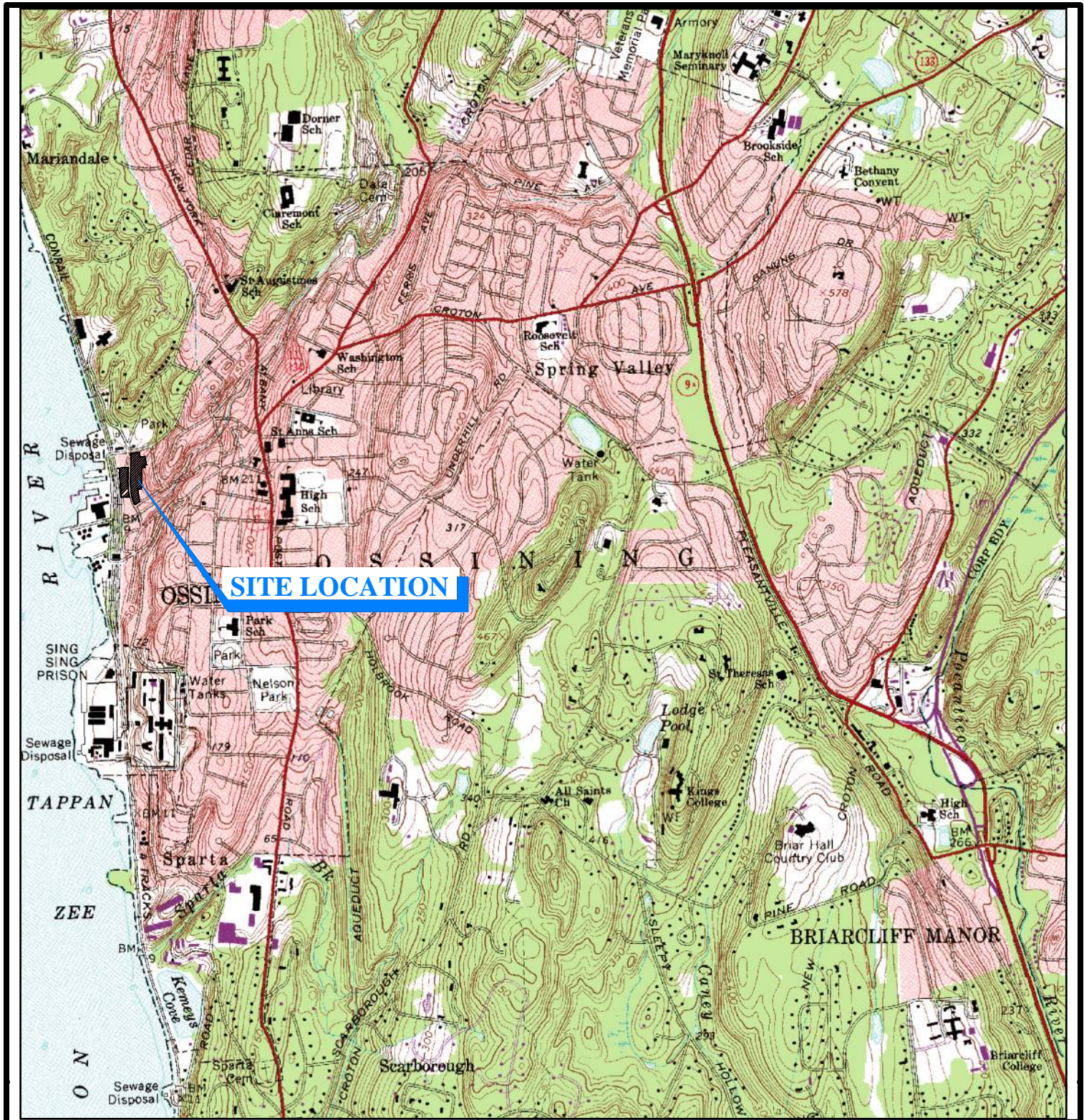
The minor chipping and cracks identified in the slab of the buildings during this reporting period are not likely to compromise the integrity of the SSDS or be an existing pathway for potential soil vapors. Minor chipping and cracks will be further evaluated and will be properly sealed, if deemed necessary. These proactive measures to repair the minor chipping/cracks will be documented in the subsequent PRR.

7.4 Proposed Modifications to the Site Management Plan

No SMP modifications are proposed at this time. An assessment regarding future modifications to the SMP will be made following the collection and analysis of all the data for the 2025 PRR. The next PRR is anticipated to encompass the period from July 1, 2022 to July 1, 2025.

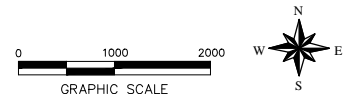
FIGURES

Figure 1 - Site Location Map



Map Reference

This map was prepared from the following 7.5 Minute USGS Maps:
 OSSINING QUADRANGLE (1967, PHOTOREVISED 1979)



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Figure 1: Site Location Map
 62 Water Street

C.T.MALE ASSOCIATES, P.C.

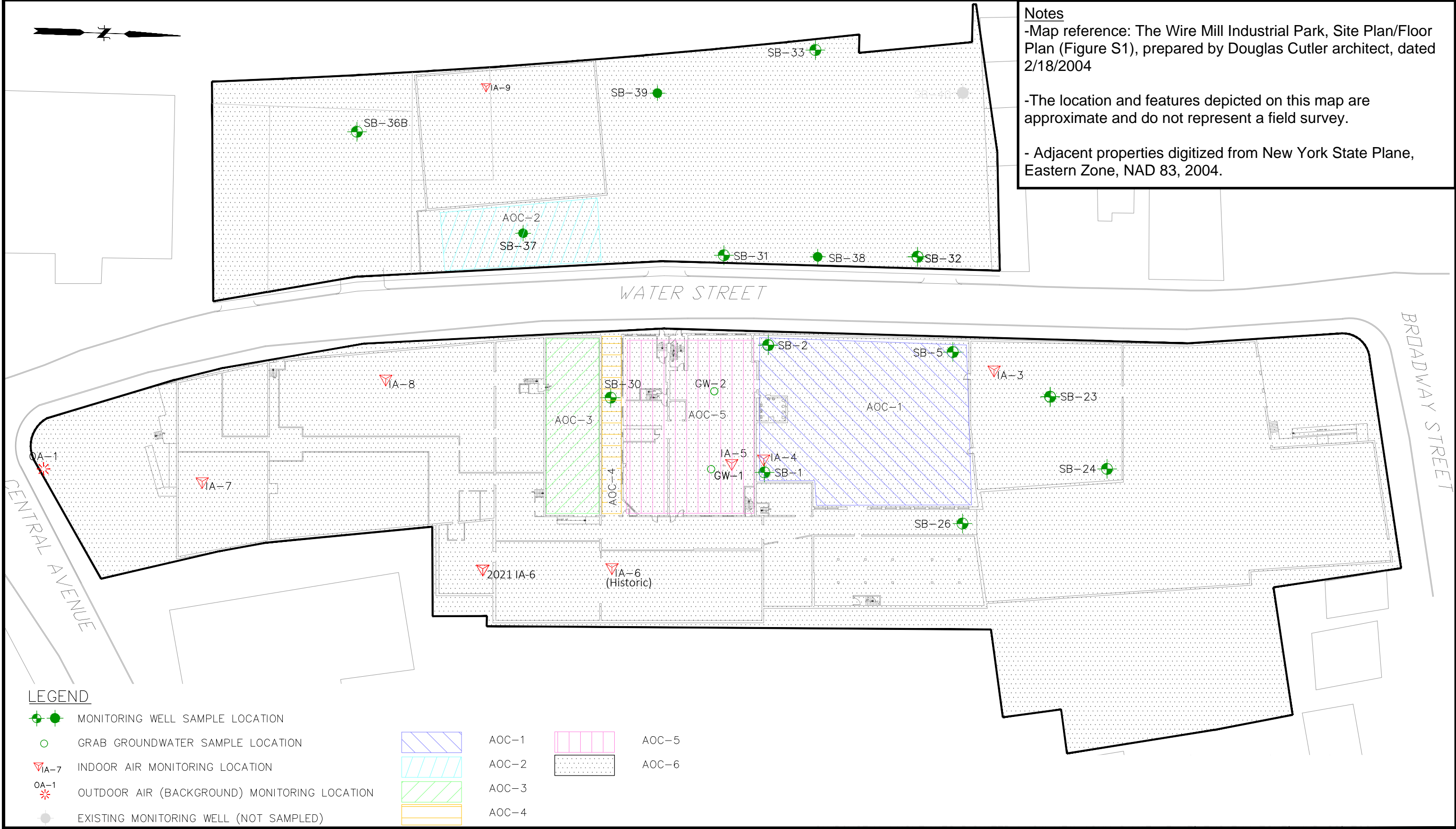
50 CENTURY HILL DRIVE, PO BOX 727, LATHAM, NY 12110
 PHONE (518) 786-7400 FAX (518) 786-7299

Village of Ossining		Westchester County, New York	
SCALE: 1"=2,000'			
DRAFTER:			
PROJECT NO: 21.1622			

**Figure 2A - Groundwater and
Air Monitoring Plan**



Notes
 -Map reference: The Wire Mill Industrial Park, Site Plan/Floor Plan (Figure S1), prepared by Douglas Cutler architect, dated 2/18/2004
 -The location and features depicted on this map are approximate and do not represent a field survey.
 - Adjacent properties digitized from New York State Plane, Eastern Zone, NAD 83, 2004.



LEGEND

- MONITORING WELL SAMPLE LOCATION
- GRAB GROUNDWATER SAMPLE LOCATION
- INDOOR AIR MONITORING LOCATION
- OUTDOOR AIR (BACKGROUND) MONITORING LOCATION
- EXISTING MONITORING WELL (NOT SAMPLED)
- AOC-1
- AOC-2
- AOC-3
- AOC-4
- AOC-5
- AOC-6

SCALE:

HORZ.:	1" = 50'
VERT.:	
DATUM:	
HORZ.:	
VERT.:	

GRAPHIC SCALE

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THE WIRE MILL, LLC

GROUNDWATER AND AIR MONITORING PLAN

2022 PERIODIC REVIEW REPORT

VILLAGE OF OSSINING WESTCHESTER COUNTY, NEW YORK

PROJ. No.: 21.1622
 DATE: January 10, 2023

FIGURE

2A

**Figure 2B - Chlorinated
Solvents in Air**



VOCs (µg/m³)	Location	IA-9		
		AGV/Date	12/21/2019	12/15/2020
1,1,1-Trichloroethane	NE	< 3.00	1.2D	< 1.00
1,1-Dichloroethylene	NE	< 0.60	<0.20	< 0.20
Carbon Tetrachloride	NE	< 0.60	0.51D	0.5
cis-1,2-Dichloroethylene	NE	< 0.60	<0.20	< 0.20
Methylene Chloride	60	26.9	3.5D	5.31
Tetrachloroethylene	30	1.75	<1.00	< 0.25
Trichloroethylene	2	0.81	1.4D	1.56
Vinyl Chloride	NE	< 0.60	<0.20	< 0.20

Notes

- Map reference: The Wire Mill Industrial Park, Site Plan/Floor Plan (Figure S1), prepared by Douglas Cutler architect, dated 2/18/2004.
- The location and features depicted on this map are approximate and do not represent a field survey.
- Adjacent properties digitized from New York State Plane, Eastern Zone, NAD 83, 2004.
- Results for 2018 are outside the reporting period (2019 - 2022). Results are included for comparison purposes.

VOCs (µg/m³)	Location	OA-1		
		AGV/Date	12/21/2018	12/15/2020
1,1,1-Trichloroethane	NE	< 1.00	< 1.00	< 1.00
1,1-Dichloroethylene	NE	< 0.20	< 1.00	< 0.20
Carbon Tetrachloride	NE	0.45	0.54D	0.47
cis-1,2-Dichloroethylene	NE	< 0.20	<0.20	< 0.20
Methylene Chloride	60	< 3.00	2.1D	< 3.00
Tetrachloroethylene	30	0.5	0.92D	< 0.25
Trichloroethylene	2	< 0.20	< 0.20	< 0.20
Vinyl Chloride	NE	< 0.20	< 0.20	< 0.20

VOCs (µg/m³)	Location	IA-8		
		AGV/Date	12/21/2018	12/15/2020
1,1,1-Trichloroethane	NE	< 1.00	< 1.00	< 1.00
1,1-Dichloroethylene	NE	< 0.20	< 0.20	< 0.20
Carbon Tetrachloride	NE	0.47	0.51D	0.49
cis-1,2-Dichloroethylene	NE	< 0.20	< 0.20	< 0.20
Methylene Chloride	60	< 3.00	120D	< 3.00
Tetrachloroethylene	30	4.81	0.71D	1.36
Trichloroethylene	2	< 0.20	< 0.20	< 0.20
Vinyl Chloride	NE	< 0.20	< 0.20	< 0.20

VOCs (µg/m³)	Location	IA-3		
		AGV/Date	12/21/2018	12/15/2020
1,1,1-Trichloroethane	NE	< 1.00	< 1.00	< 1.00
1,1-Dichloroethylene	NE	< 0.20	< 0.20	< 0.20
Carbon Tetrachloride	NE	0.48	0.55D	0.49
cis-1,2-Dichloroethylene	NE	< 0.20	< 0.20	< 0.20
Methylene Chloride	60	< 3.00	120D	< 3.00
Tetrachloroethylene	30	3.32	1.4D	1.88
Trichloroethylene	2	0.54	< 0.20	< 0.20
Vinyl Chloride	NE	< 0.20	< 0.20	< 0.20

VOCs (µg/m³)	Location	IA-4			
		AGV/Date	12/21/2018	12/15/2020	12/15/2020*
1,1,1-Trichloroethane	NE	< 1.00	< 1.00	< 1.00	< 1.00
1,1-Dichloroethylene	NE	< 0.20	< 0.20	< 0.20	< 0.20
Carbon Tetrachloride	NE	0.43	0.55D	0.59D	0.52
cis-1,2-Dichloroethylene	NE	< 0.20	< 1.00	< 0.20	< 0.20
Methylene Chloride	60	< 3.00	1.7D	1.3D	< 3.00
Tetrachloroethylene	30	2.56	1.6D	1.2D	1.32
Trichloroethylene	2	0.35	<0.20	<0.20	< 0.20
Vinyl Chloride	NE	< 0.20	<0.20	<0.20	< 0.20

VOCs (µg/m³)	Location	IA-5			
		AGV/Date	12/21/2018	12/21/2018*	12/15/2020
1,1,1-Trichloroethane	NE	< 1.00	< 1.00	< 1.00	< 1.00
1,1-Dichloroethylene	NE	< 0.20	< 0.20	< 0.20	< 0.20
Carbon Tetrachloride	NE	0.43	0.44	0.57D	0.51
cis-1,2-Dichloroethylene	NE	< 0.20	< 0.20	< 0.20	< 0.20
Methylene Chloride	60	< 3.00	< 3.00	6D	< 3.00
Tetrachloroethylene	30	2.63	2.58	1.2D	1.34
Trichloroethylene	2	< 0.20	< 0.20	< 0.20	< 0.20
Vinyl Chloride	NE	< 0.20	< 0.20	< 0.20	< 0.20

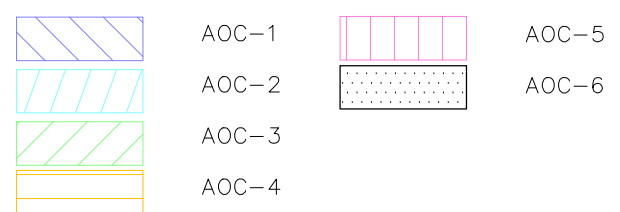
VOCs (µg/m³)	Location	IA-7		
		AGV/Date	12/21/2018	12/15/2020
1,1,1-Trichloroethane	NE	< 1.00	< 1.00	< 1.00
1,1-Dichloroethylene	NE	< 0.20	< 1.00	< 0.20
Carbon Tetrachloride	NE	0.47	0.52D	0.47
cis-1,2-Dichloroethylene	NE	< 0.20	< 0.20	< 0.20
Methylene Chloride	60	< 3.00	1.7D	< 3.00
Tetrachloroethylene	30	5.01	1.1D	4.49
Trichloroethylene	2	< 0.20	< 0.20	< 0.20
Vinyl Chloride	NE	< 0.20	< 0.20	< 0.20

VOCs (µg/m³)	Location	IA-6		
		AGV/Date	12/21/2018	12/15/2020
1,1,1-Trichloroethane	NE	< 1.00	< 1.00	< 1.00
1,1-Dichloroethylene	NE	< 0.20	< 0.20	< 0.20
Carbon Tetrachloride	NE	0.48	0.53D	0.53
cis-1,2-Dichloroethylene	NE	< 0.20	< 0.20	< 0.20
Methylene Chloride	60	< 3.00	0.85D	< 3.00
Tetrachloroethylene	30	18.2	1.6D	65.3
Trichloroethylene	2	0.42	<0.20	< 0.20
Vinyl Chloride	NE	< 0.20	< 0.20	< 0.20

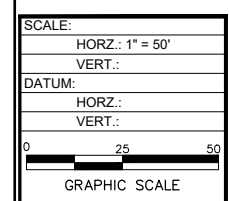
CENTRAL AVENUE

LEGEND

- MONITORING WELL SAMPLE LOCATION
- GRAB GROUNDWATER SAMPLE LOCATION
- ▽ IA-7 INDOOR AIR MONITORING LOCATION
- OA-1 OUTDOOR AIR (BACKGROUND) MONITORING LOCATION
- EXISTING MONITORING WELL (NOT SAMPLED)



Laboratory Notes:
 NE = Not Established
 AGV = Air Guidance Value
 B = Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 D = Result is from an analysis that required a dilution.
 E = The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
 --- = Not Analyzed
 * = Duplicate sample



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THE WIRE MILL, LLC
CHLORINATED SOLVENTS IN AIR
2022 PERIODIC REVIEW REPORT

VILLAGE OF OSSINING
 WESTCHESTER COUNTY, NEW YORK

PROJ. No.: 21.1622
 DATE: January 6, 2023

FIGURE 2B

**Figure 2C - VOCS in
Groundwater East of Water
Street**



Analyte	Location	GW-02	
		GV/Date	8/13/2020
VOLATILE ORGANICS (µg/l)			
1,1,1-Trichloroethane	5	2.8	<2.5
1,1,2-Trichloroethane	1	<0.2	<1.5
1,1-Dichloroethane	5	2.9	<0.5
1,1-Dichloroethylene	5	0.3J	<0.5
1,2-Dibromo-3-chloropropane	0.04	<0.2	<2.5
1,2-Dibromoethane	0.0006	<0.2	<2
Acetone	50	<1	1.8J
cis-1,2-Dichloroethylene	5	80	10
cis-1,3-Dichloropropylene	0.4	<0.2	<0.5
Dichlorodifluoromethane	5	<0.2	<5
Tetrachloroethylene	5	0.85	7.4
trans-1,2-Dichloroethylene	5	1.2	<2.5
trans-1,3-Dichloropropylene	0.4	<0.2	<0.5
Trichloroethylene	5	2.4	6
Vinyl Chloride	2	34	<1

Analyte	Location	SB-2	
		GV/Date	8/13/2020
VOLATILE ORGANICS (µg/l)			
1,1,2-Trichloroethane	1	<0.2	<1.5
1,2-Dibromo-3-chloropropane	0.04	<0.2	<2.5
1,2-Dibromoethane	0.0006	<0.2	<2
1,2-Dichloropropane	1	<0.2	<1
Acetone	50	<1	2.3J
cis-1,3-Dichloropropylene	0.4	<0.2	<0.5
Dichlorodifluoromethane	5	<0.2	<5
Tetrachloroethylene	5	1.1	1
trans-1,3-Dichloropropylene	0.4	<0.2	<0.5
Trichloroethylene	5	0.6	1.2

Analyte	Location	SB-5	
		GV/Date	8/13/2020
VOLATILE ORGANICS (µg/l)			
1,1,2-Trichloroethane	1	<0.2	<1.5
1,1-Dichloroethane	5	0.25J	<0.5
1,1-Dichloroethylene	5	0.43J	0.56
1,2-Dibromo-3-chloropropane	0.04	<0.2	<2.5
1,2-Dibromoethane	0.0006	<0.2	<2
1,2-Dichloropropane	1	<0.2	<1
2-Butanone (MEK)	50	<0.2	26
2-Hexanone	50	<0.2	6
4-Methyl-2-pentanone	NA	<0.2	67
Acetone	50	1200E	67
Benzene	1	0.72	0.86
Carbon Disulfide	NE	3.5	<5
cis-1,2-Dichloroethylene	5	5.8	26
cis-1,3-Dichloropropylene	0.4	<0.2	<0.5
Dichlorodifluoromethane	5	<0.2	<5
Methylene Chloride	5	3.8	5
Tetrachloroethylene	5	66	45
Toluene	5	0.59	<2.5
trans-1,3-Dichloropropylene	0.4	<0.2	<0.5
Trichloroethylene	5	31	50
Vinyl Chloride	2	<0.2	0.22J

Analyte	Location	SB-30	
		GV/Date	8/13/2020
VOLATILE ORGANICS (µg/l)			
1,1,2-Trichloroethane	1	<0.4	<1.5
1,2-Dibromo-3-chloropropane	0.04	<0.4	<2.5
1,2-Dibromoethane	0.0006	<0.4	<2
1,2-Dichloropropane	1	<0.4	<1
Acetone	50	13D	<5
cis-1,2-Dichloroethylene	5	<0.4	0.86J
cis-1,3-Dichloropropylene	0.4	<0.4	<0.5
Dichlorodifluoromethane	5	<0.4	<5
Tetrachloroethylene	5	<0.4	0.18J
trans-1,2-Dichloroethylene	5	<0.4	0.82J
trans-1,3-Dichloropropylene	0.4	<0.4	<0.5
Trichloroethylene	5	<0.4	0.46J
Vinyl Chloride	2	3D	0.38J

Analyte	Location	GW-01	
		GV/Date	8/13/2020
VOLATILE ORGANICS (µg/l)			
1,1,1-Trichloroethane	5	0.3J	<2.5
1,1-Dichloroethane	5	1	<0.5
Acetone	50	<1	3.8J
Chloroform	7	0.55	<2.5
cis-1,2-Dichloroethylene	5	9	1.4J
n-Propylbenzene	5	0.31J	---
Tetrachloroethylene	5	9.3	0.47J
trans-1,2-Dichloroethylene	5	0.32J	<2.5
Trichloroethylene	5	7.9	0.52
Vinyl Chloride	2	<0.2	0.54J

Analyte	Location	SB-1	
		GV/Date	8/13/2020
VOLATILE ORGANICS (µg/l)			
1,1,2-Trichloroethane	1	<0.2	<1.5
1,2-Dibromo-3-chloropropane	0.04	<0.2	<2.5
1,2-Dibromoethane	0.0006	<0.2	<2
1,2-Dichloropropane	1	<0.2	<1
Acetone	50	<1	2.5J
cis-1,3-Dichloropropylene	0.4	<0.2	<0.5
Dichlorodifluoromethane	5	<0.2	<5
Tetrachloroethylene	5	1.1	0.76
trans-1,3-Dichloropropylene	0.4	<0.2	<0.5

Analyte	Location	SB-23	
		GV/Date	8/13/2020
VOLATILE ORGANICS (µg/l)			
1,1,2-Trichloroethane	1	<0.2	<1.5
1,1-Dichloroethane	5	1.6	<0.5
1,2-Dibromo-3-chloropropane	0.04	<0.2	<2.5
1,2-Dibromoethane	0.0006	<0.2	<2
1,2-Dichloropropane	1	<0.2	<1
2-Butanone (MEK)	50	<0.2	2J
4-Methyl-2-pentanone	NA	3	3.1J
Acetone	50	7.1	18
Carbon Disulfide	NA	0.65	<5
Chloroform	7	0.37J	<2.5
cis-1,2-Dichloroethylene	5	0.27J	<2.5
cis-1,3-Dichloropropylene	0.4	<0.2	<0.5
Dichlorodifluoromethane	5	<0.2	<5
Tetrachloroethylene	5	0.57	<0.5
trans-1,2-Dichloroethylene	5	0.96	<2.5
trans-1,3-Dichloropropylene	0.4	<0.2	<0.5
Trichloroethylene	5	0.55	0.19J
Vinyl Chloride	2	<0.2	0.1J

Analyte	Location	SB-24	
		GV/Date	8/13/2020
VOLATILE ORGANICS (µg/l)			
1,1,2-Trichloroethane	1	<0.2	<1.5
1,2-Dibromo-3-chloropropane	0.04	<0.2	<2.5
1,2-Dibromoethane	0.0006	<0.2	<2
1,2-Dichloropropane	1	<0.2	<1
Acetone	50	<1	2J
cis-1,2-Dichloroethylene	5	2.4	2.6
cis-1,3-Dichloropropylene	0.4	<0.2	<0.5
Tetrachloroethylene	5	1.6	1.3
trans-1,3-Dichloropropylene	0.4	<0.2	<0.5
Trichloroethylene	5	4	1.5
Vinyl Chloride	2	<0.2	0.1J

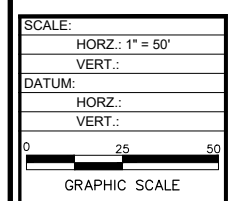
Analyte	Location	SB-26	
		GV/Date	8/18/2020
VOLATILE ORGANICS (µg/l)			
1,1,2-Trichloroethane	1	<0.2	<1.5
1,2-Dibromo-3-chloropropane	0.04	<0.2	<2.5
1,2-Dibromoethane	0.0006	<0.2	<2
1,2-Dichloropropane	1	<0.2	<1
Chloroform	7	0.42J	<2.5
cis-1,3-Dichloropropylene	0.4	<0.2	<0.5
Dichlorodifluoromethane	5	<0.2	<0.5
Tetrachloroethylene	5	0.56	0.47J
trans-1,3-Dichloropropylene	0.4	<0.2	<0.5
Trichloroethylene	5	<0.2	0.31J

Notes
 -Map reference: The Wire Mill Industrial Park, Site Plan/Floor Plan (Figure S1), prepared by Douglas Cutler architect, dated 2/18/2004.
 -The location and features depicted on this map are approximate and do not represent a field survey.
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 -The gray highlighted results were detected at or below the laboratory's detection limit for that compound analyzed, however, the laboratory's detection limit value is greater than the NYSDEC.

LEGEND
 ● MONITORING WELL SAMPLE LOCATION
 ○ GRAB GROUNDWATER SAMPLE LOCATION
 ▼ IA-7 INDOOR AIR MONITORING LOCATION
 * OA-1 OUTDOOR AIR (BACKGROUND) MONITORING LOCATION
 ● EXISTING MONITORING WELL (NOT SAMPLED)

AOC-1 AOC-2 AOC-3 AOC-4 AOC-5 AOC-6

Laboratory Notes:
 NE = Not Established
 GV = Guidance Value
 B = Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 D = Result is from an analysis that required a dilution.
 E = The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
 --- = Not Analyzed
 * = Duplicate sample



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THE WIRE MILL, LLC - EAST OF WATER STREET
VOCS IN GROUNDWATER
2022 PERIODIC REVIEW REPORT
 VILLAGE OF OSSINING WESTCHESTER COUNTY, NEW YORK

PROJ. No.: 21.1622
 DATE: January 6, 2023
FIGURE 2C

**Figure 2D - VOCS in
Groundwater West of Water
Street**



Notes

-Map reference: The Wire Mill Industrial Park, Site Plan/Floor Plan (Figure S1), prepared by Douglas Cutler architect, dated 2/18/2004.

-The location and features depicted on this map are approximate and do not represent a field survey.

-Adjacent properties digitized from New York State Plane, Eastern Zone, NAD 83, 2004.

-The gray highlighted results were detected at or below the laboratory's detection limit for that compound analyzed, however, the laboratory's detection limit value is greater than the NYSDEC.

Analyte	Location	SB-36B		
		GV/Date	8/14/2020	10/5/2021
VOLATILE ORGANICS (µg/l)				
1,1,2-Trichloroethane	1	<0.2	<1.5	
1,2-Dibromo-3-chloropropane	0.04	<0.2	<2.5	
1,2-Dibromoethane	0.0006	<0.2	<2	
1,2-Dichloropropane	1	<0.2	<1	
cis-1,2-Dichloroethylene	5	0.7	<2.5	
cis-1,3-Dichloropropylene	0.4	<0.2	<0.5	
Dichlorodifluoromethane	5	<0.2	<5	
trans-1,3-Dichloropropylene	0.4	<0.2	<0.5	
Vinyl Chloride	2	<0.2	0.17J	

Analyte	Location	SB-33
VOLATILE ORGANICS (µg/l)	GV/Date	8/13/2020
No VOCs detected at SB-33		

Analyte	Location	SB-37		
		GV/Date	8/14/2020	10/6/2021
VOLATILE ORGANICS (µg/l)				
1,1,2-Trichloroethane	1	<0.2	<1.5	
1,1-Dichloroethane	5	1.9	<0.5	
1,1-Dichloroethylene	5	0.42J	0.36J	
1,2-Dibromo-3-chloropropane	0.04	<0.2	<2.5	
1,2-Dibromoethane	0.0006	<0.2	<2	
1,2-Dichloropropane	1	<0.2	<1	
cis-1,2-Dichloroethylene	5	5.6	3.7	
cis-1,3-Dichloropropylene	0.4	<0.2	<0.5	
Dichlorodifluoromethane	5	<0.2	<5	
Tetrachloroethylene	5	6.8	8.6	
trans-1,2-Dichloroethylene	5	0.3J	<2.5	
trans-1,3-Dichloropropylene	0.4	<0.2	<0.5	
Trichloroethylene	5	7.5	7.9	
Vinyl Chloride	2	1.7	0.84J	

Analyte	Location	SB-39	
		GV/Date	10/6/2021
VOLATILE ORGANICS (µg/l)			
1,1,2-Trichloroethane	1	<1.5	
1,1-Dichloroethylene	5	0.19J	
1,2-Dibromo-3-chloropropane	0.04	<2.5	
1,2-Dibromoethane	0.0006	<2	
1,2-Dichloropropane	1	<1	
cis-1,3-Dichloropropylene	0.4	<0.5	
Dichlorodifluoromethane	5	<5	
trans-1,3-Dichloropropylene	0.4	<0.5	
Trichloroethylene	5	0.24J	

Analyte	Location	SB-31*		
		GV/Date	8/14/2020	8/14/2020
VOLATILE ORGANICS (µg/l)				
1,1,1-Trichloroethane	5	<2.5	0.31J	
1,1-Dichloroethane	5	<2.5	1.2	
1,1-Dichloroethylene	5	<2.5	0.31J	
Chloroform	7	<2.5	1.2	
cis-1,2-Dichloroethylene	5	<2.5	2.3	
Tetrachloroethylene	5	20	24	
Trichloroethylene	5	12	14	

Analyte	Location	SB-32		
		GV/Date	8/14/2020	10/7/2021
VOLATILE ORGANICS (µg/l)				
1,1,2-Trichloroethane	1	<0.2	<1.5	
1,2-Dibromo-3-chloropropane	0.04	<0.2	<2.5	
1,2-Dibromoethane	0.0006	<0.2	<2	
1,2-Dichloropropane	1	<0.2	<1	
Chloroform	7	0.23J	<2.5	
cis-1,2-Dichloroethylene	5	0.78	<2.5	
cis-1,3-Dichloropropylene	0.4	<0.2	<0.5	
Dichlorodifluoromethane	5	<0.2	<5	
Tetrachloroethylene	5	0.93	0.64	
trans-1,3-Dichloropropylene	0.4	<0.2	<0.5	
Trichloroethylene	5	0.62	0.38J	

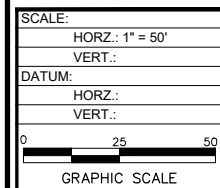
Analyte	Location	SB-38		
		GV/Date	8/14/2020	10/6/2021
VOLATILE ORGANICS (µg/l)				
1,1,2-Trichloroethane	1	<0.2	<1.5	
1,2-Dibromo-3-chloropropane	0.04	<0.2	<2.5	
1,2-Dibromoethane	0.0006	<0.2	<2	
1,2-Dichloropropane	1	<0.2	<1	
cis-1,2-Dichloroethylene	5	1.2	1.2J	
cis-1,3-Dichloropropylene	0.4	<0.2	<0.5	
Dichlorodifluoromethane	5	<0.2	<5	
Tetrachloroethylene	5	0.48J	0.38J	
trans-1,3-Dichloropropylene	0.4	<0.2	<0.5	
Trichloroethylene	5	0.42J	0.47J	

LEGEND

- MONITORING WELL SAMPLE LOCATION
- GRAB GROUNDWATER SAMPLE LOCATION
- INDOOR AIR MONITORING LOCATION
- OUTDOOR AIR (BACKGROUND) MONITORING LOCATION
- EXISTING MONITORING WELL (NOT SAMPLED)

- AOC-1
- AOC-2
- AOC-3
- AOC-4
- AOC-5
- AOC-6

Laboratory Notes:
 NE = Not Established
 GV = Guidance Value
 B = Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 D = Result is from an analysis that required a dilution.
 E = The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
 --- = Not Analyzed
 * = Duplicate sample

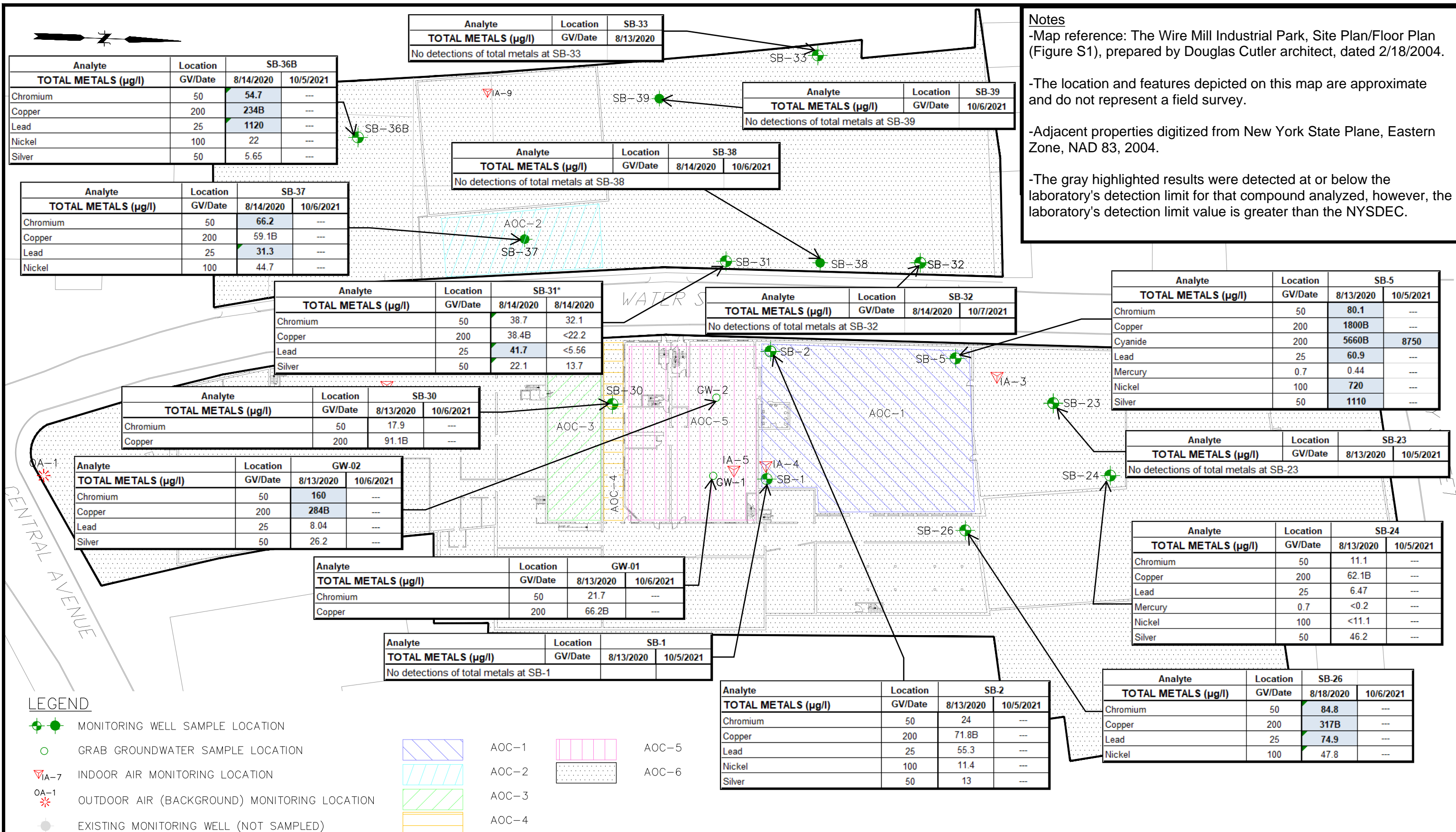


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THE WIRE MILL, LLC - WEST OF WATER STREET
VOCS IN GROUNDWATER
2022 PERIODIC REVIEW REPORT
 VILLAGE OF OSSINING WESTCHESTER COUNTY, NEW YORK

PROJ. No.: 21.1622
 DATE: January 6, 2023
FIGURE
2D

**Figure 2E - Total Metals in
Groundwater**



Notes
 -Map reference: The Wire Mill Industrial Park, Site Plan/Floor Plan (Figure S1), prepared by Douglas Cutler architect, dated 2/18/2004.
 -The location and features depicted on this map are approximate and do not represent a field survey.
 -Adjacent properties digitized from New York State Plane, Eastern Zone, NAD 83, 2004.
 -The gray highlighted results were detected at or below the laboratory's detection limit for that compound analyzed, however, the laboratory's detection limit value is greater than the NYSDEC.

Analyte	Location	SB-36B	
		GV/Date	8/14/2020
TOTAL METALS (µg/l)			
Chromium	50	54.7	---
Copper	200	234B	---
Lead	25	1120	---
Nickel	100	22	---
Silver	50	5.65	---

Analyte	Location	SB-33	
		GV/Date	8/13/2020
TOTAL METALS (µg/l)			
No detections of total metals at SB-33			

Analyte	Location	SB-39	
		GV/Date	10/6/2021
TOTAL METALS (µg/l)			
No detections of total metals at SB-39			

Analyte	Location	SB-38	
		GV/Date	8/14/2020
TOTAL METALS (µg/l)			
No detections of total metals at SB-38			

Analyte	Location	SB-37	
		GV/Date	8/14/2020
TOTAL METALS (µg/l)			
Chromium	50	66.2	---
Copper	200	59.1B	---
Lead	25	31.3	---
Nickel	100	44.7	---

Analyte	Location	SB-31*	
		GV/Date	8/14/2020
TOTAL METALS (µg/l)			
Chromium	50	38.7	32.1
Copper	200	38.4B	<22.2
Lead	25	41.7	<5.56
Silver	50	22.1	13.7

Analyte	Location	SB-32	
		GV/Date	8/14/2020
TOTAL METALS (µg/l)			
No detections of total metals at SB-32			

Analyte	Location	SB-5	
		GV/Date	8/13/2020
TOTAL METALS (µg/l)			
Chromium	50	80.1	---
Copper	200	1800B	---
Cyanide	200	5660B	8750
Lead	25	60.9	---
Mercury	0.7	0.44	---
Nickel	100	720	---
Silver	50	1110	---

Analyte	Location	SB-30	
		GV/Date	8/13/2020
TOTAL METALS (µg/l)			
Chromium	50	17.9	---
Copper	200	91.1B	---

Analyte	Location	GW-02	
		GV/Date	8/13/2020
TOTAL METALS (µg/l)			
Chromium	50	160	---
Copper	200	284B	---
Lead	25	8.04	---
Silver	50	26.2	---

Analyte	Location	GW-01	
		GV/Date	8/13/2020
TOTAL METALS (µg/l)			
Chromium	50	21.7	---
Copper	200	66.2B	---

Analyte	Location	SB-23	
		GV/Date	8/13/2020
TOTAL METALS (µg/l)			
No detections of total metals at SB-23			

Analyte	Location	SB-24	
		GV/Date	8/13/2020
TOTAL METALS (µg/l)			
Chromium	50	11.1	---
Copper	200	62.1B	---
Lead	25	6.47	---
Mercury	0.7	<0.2	---
Nickel	100	<11.1	---
Silver	50	46.2	---

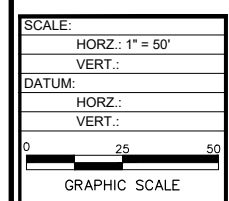
Analyte	Location	SB-1	
		GV/Date	8/13/2020
TOTAL METALS (µg/l)			
No detections of total metals at SB-1			

Analyte	Location	SB-2	
		GV/Date	8/13/2020
TOTAL METALS (µg/l)			
Chromium	50	24	---
Copper	200	71.8B	---
Lead	25	55.3	---
Nickel	100	11.4	---
Silver	50	13	---

Analyte	Location	SB-26	
		GV/Date	8/18/2020
TOTAL METALS (µg/l)			
Chromium	50	84.8	---
Copper	200	317B	---
Lead	25	74.9	---
Nickel	100	47.8	---

- LEGEND**
- MONITORING WELL SAMPLE LOCATION
 - GRAB GROUNDWATER SAMPLE LOCATION
 - ▽ IA-7 INDOOR AIR MONITORING LOCATION
 - OA-1 OUTDOOR AIR (BACKGROUND) MONITORING LOCATION
 - EXISTING MONITORING WELL (NOT SAMPLED)
 - AOC-1
 - AOC-2
 - AOC-3
 - AOC-4
 - AOC-5
 - AOC-6

Laboratory Notes:
 NE = Not Established
 GV = Guidance Value
 B = Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
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 --- = Not Analyzed
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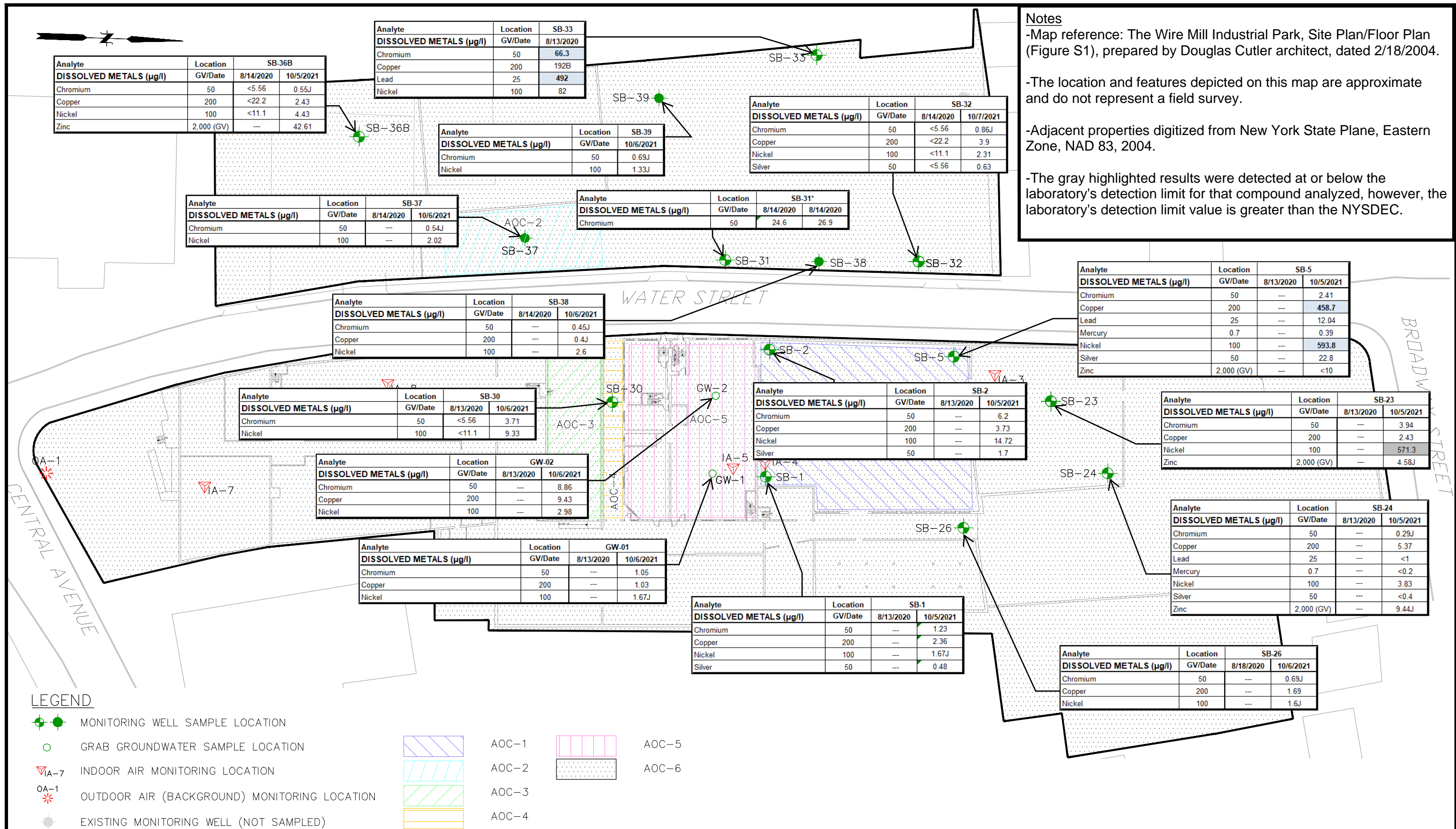
THE WIRE MILL, LLC
TOTAL METALS IN GROUNDWATER
2022 PERIODIC REVIEW REPORT

VILLAGE OF OSSINING
 WESTCHESTER COUNTY, NEW YORK

PROJ. No.: 21.1622
 DATE: January 6, 2023

FIGURE
2E

**Figure 2F - Dissolved Metals
in Groundwater**



Laboratory Notes:
 NE = Not Established
 GV = Guidance Value
 B = Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 D = Result is from an analysis that required a dilution.
 E = The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
 --- = Not Analyzed
 * = Duplicate sample

SCALE:
 HORZ.: 1" = 50'
 VERT.:
 DATUM:
 HORZ.:
 VERT.:
 GRAPHIC SCALE

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THE WIRE MILL, LLC
DISSOLVED METALS IN GROUNDWATER
2022 PERIODIC REVIEW REPORT

VILLAGE OF OSSINING
 WESTCHESTER COUNTY, NEW YORK

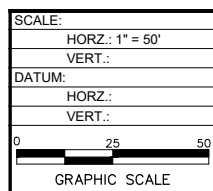
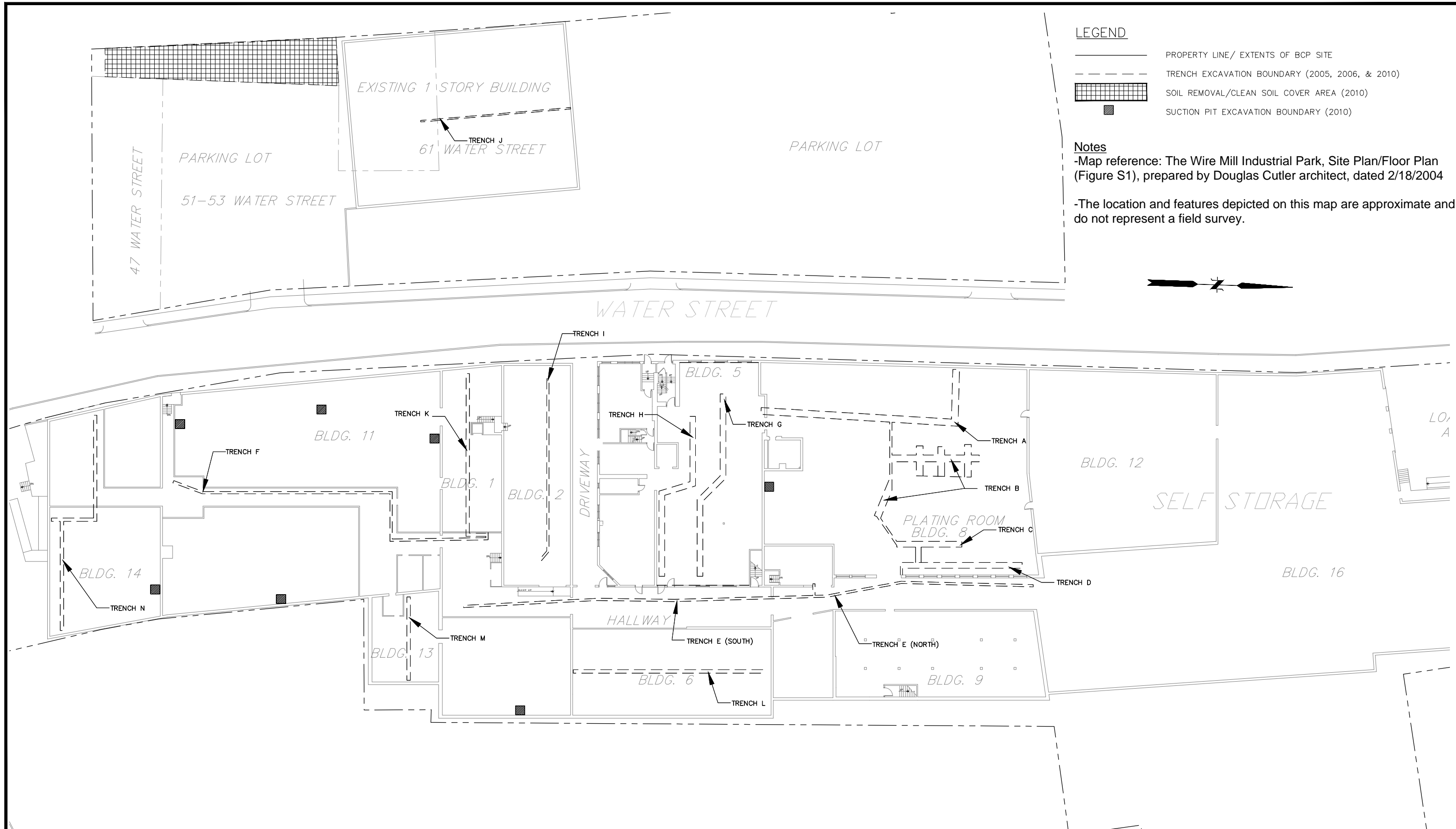
PROJ. No.: 21.1622
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FIGURE
2F

Figure 3 - Parcel Plan

**Figure 4A - Site Remediation
As-Built Plan**

**Figure 4B - Soil Excavation
As-Built Plan**



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THE WIRE MILL, LLC

SOIL EXCAVATION AS-BUILT PLAN

2022 PERIODIC REVIEW REPORT

VILLAGE OF OSSINING

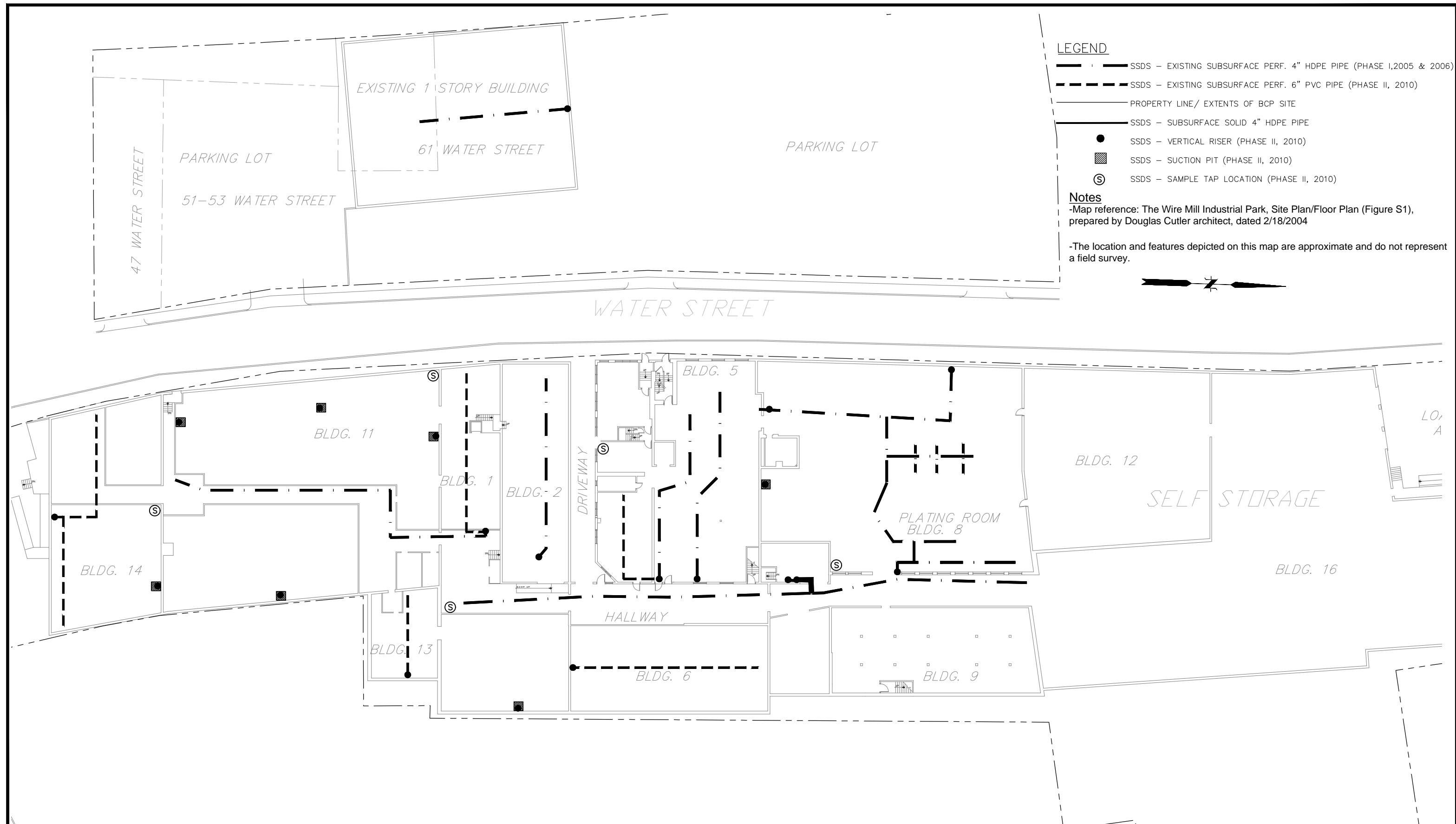
WESTCHESTER COUNTY, NEW YORK

PROJ. No.: 21.1622

DATE:

FIG. 4B

**Figure 4C - SSDS As-Built
Plan - Subslab Component**



LEGEND

- SSDS - EXISTING SUBSURFACE PERF. 4" HDPE PIPE (PHASE I, 2005 & 2006)
- SSDS - EXISTING SUBSURFACE PERF. 6" PVC PIPE (PHASE II, 2010)
- PROPERTY LINE/ EXTENTS OF BCP SITE
- SSDS - SUBSURFACE SOLID 4" HDPE PIPE
- SSDS - VERTICAL RISER (PHASE II, 2010)
- SSDS - SUCTION PIT (PHASE II, 2010)
- SSDS - SAMPLE TAP LOCATION (PHASE II, 2010)

Notes

-Map reference: The Wire Mill Industrial Park, Site Plan/Floor Plan (Figure S1), prepared by Douglas Cutler architect, dated 2/18/2004

-The location and features depicted on this map are approximate and do not represent a field survey.



SCALE:	
HORZ.:	1" = 50'
VERT.:	
DATUM:	
HORZ.:	
VERT.:	
0 25 50	
GRAPHIC SCALE	

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THE WIRE MILL, LLC

SUBSLAB DEPRESSURIZATION SYSTEM AS-BUILT PLAN

SUB-SLAB COMPONENTS

2022 PERIODIC REVIEW REPORT

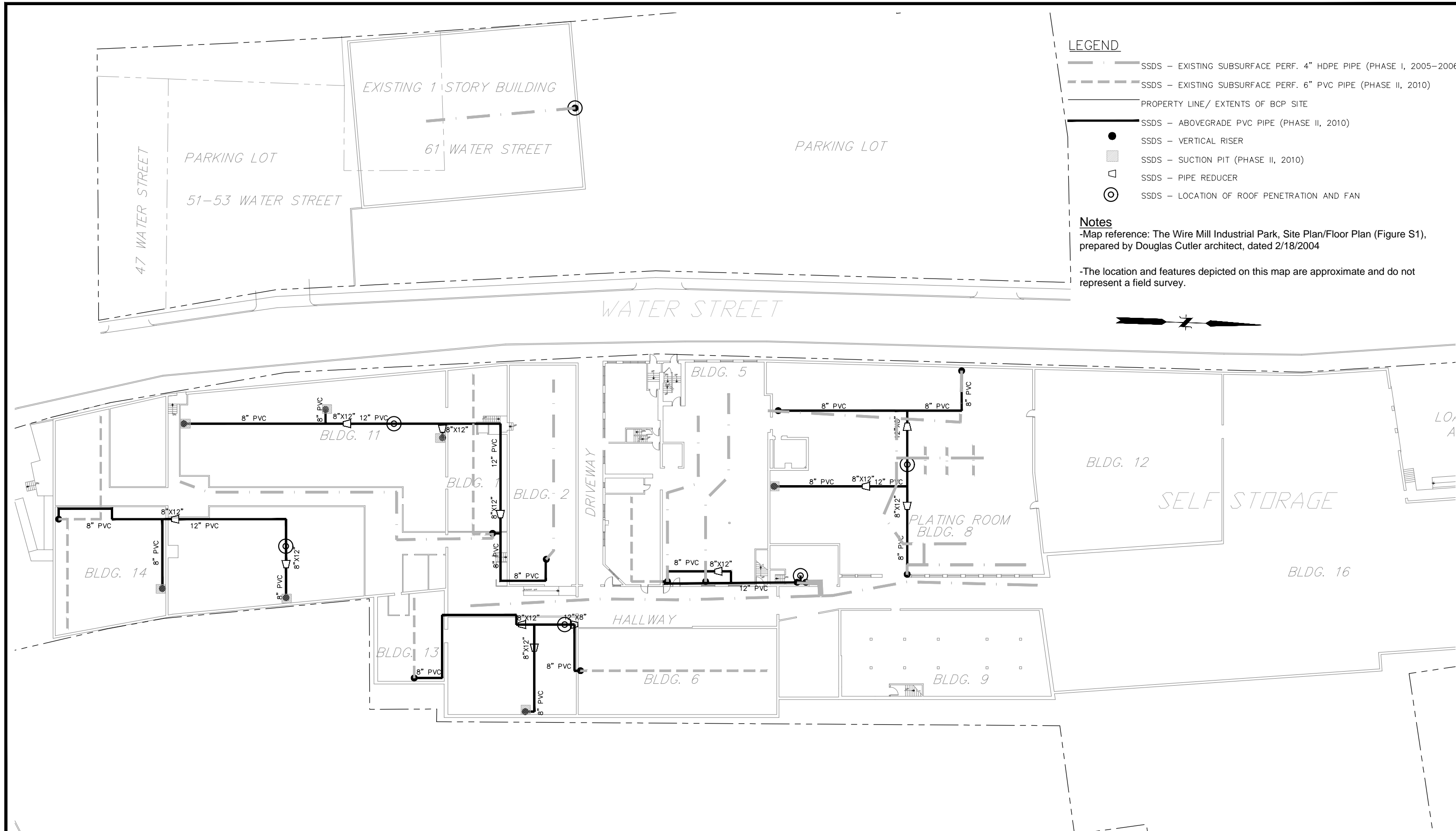
VILLAGE OF OSSINING WESTCHESTER COUNTY, NEW YORK

PROJ. No.: 21.1622

DATE:

FIG. 4C

**Figure 4D -SSDS As-Built
Plan - Aboveground
Components**



LEGEND

- SSDS - EXISTING SUBSURFACE PERF. 4" HDPE PIPE (PHASE I, 2005-2006)
- SSDS - EXISTING SUBSURFACE PERF. 6" PVC PIPE (PHASE II, 2010)
- PROPERTY LINE/ EXTENTS OF BCP SITE
- SSDS - ABOVEGRADE PVC PIPE (PHASE II, 2010)
- SSDS - VERTICAL RISER
- SSDS - SUCTION PIT (PHASE II, 2010)
- SSDS - PIPE REDUCER
- SSDS - LOCATION OF ROOF PENETRATION AND FAN

Notes

-Map reference: The Wire Mill Industrial Park, Site Plan/Floor Plan (Figure S1), prepared by Douglas Cutler architect, dated 2/18/2004

-The location and features depicted on this map are approximate and do not represent a field survey.



SCALE:	
HORZ.:	1" = 50'
VERT.:	
DATUM:	
HORZ.:	
VERT.:	
GRAPHIC SCALE	

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THE WIRE MILL, LLC

SUBSLAB DEPRESSURIZATION SYSTEM AS-BUILT PLAN

ABOVEGROUND COMPONENTS

2022 PERIODIC REVIEW REPORT

VILLAGE OF OSSINING

WESTCHESTER COUNTY, NEW YORK

PROJ. No.: 21.1622
DATE:
FIG. 4D

**Figure 4E -SSDS As-Built
Plan - System Layout**



LEGEND

- SSDS - EXISTING SUBSURFACE PERF. 4" HDPE PIPE (PHASE I, 2005-2006)
- SSDS - EXISTING SUBSURFACE PERF. 6" PVC PIPE (PHASE II, 2010)
- PROPERTY LINE/ EXTENTS OF BCP SITE
- SSDS - VERTICAL RISER
- SSDS - SUCTION PIT (PHASE II, 2010)
- SSDS - LOCATION OF ROOF PENETRATION AND FAN

Notes

- Map reference: The Wire Mill Industrial Park, Site Plan/Floor Plan (Figure S1), prepared by Douglas Cutler architect, dated 2/18/2004
- The location and features depicted on this map are approximate and do not represent a field survey.

SCALE:

HORZ.: 1" = 50'

VERT.: _____

DATUM:

HORZ.: _____

VERT.: _____

0 25 50

GRAPHIC SCALE

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THE WIRE MILL, LLC

SUBSLAB DEPRESSURIZATION SYSTEM AS-BUILT PLAN

SYSTEM LAYOUT

2022 PERIODIC REVIEW REPORT

VILLAGE OF OSSINING

WESTCHESTER COUNTY, NEW YORK

PROJ. No.: 21.1622

DATE: _____

FIG. 4E

**Figure 5A - 5K - Analytical
Result Graphs**

Figure 5A - SB-5 VOCs

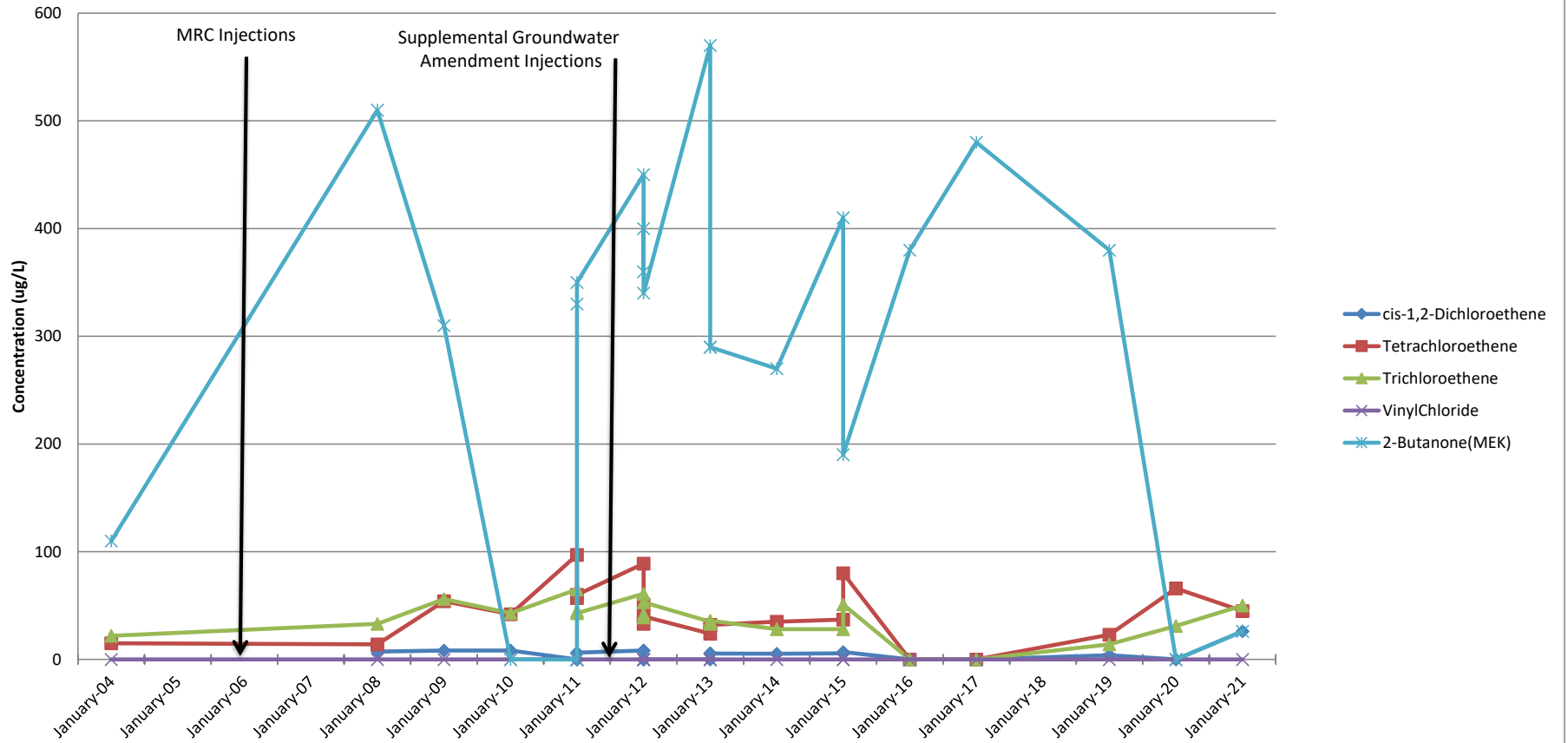


Figure 5B - SB-24 VOCs

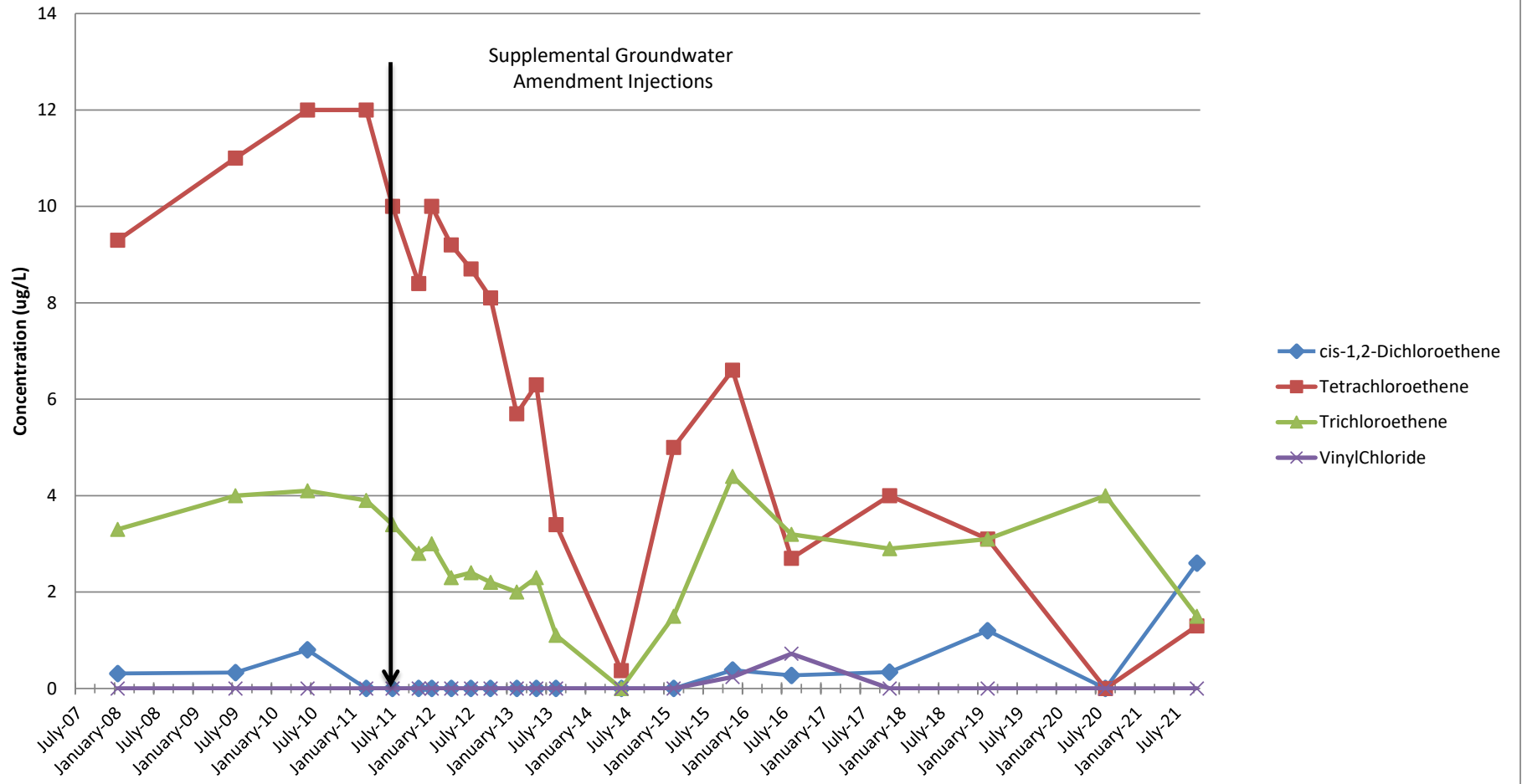


Figure 5C - SB-37 VOCs

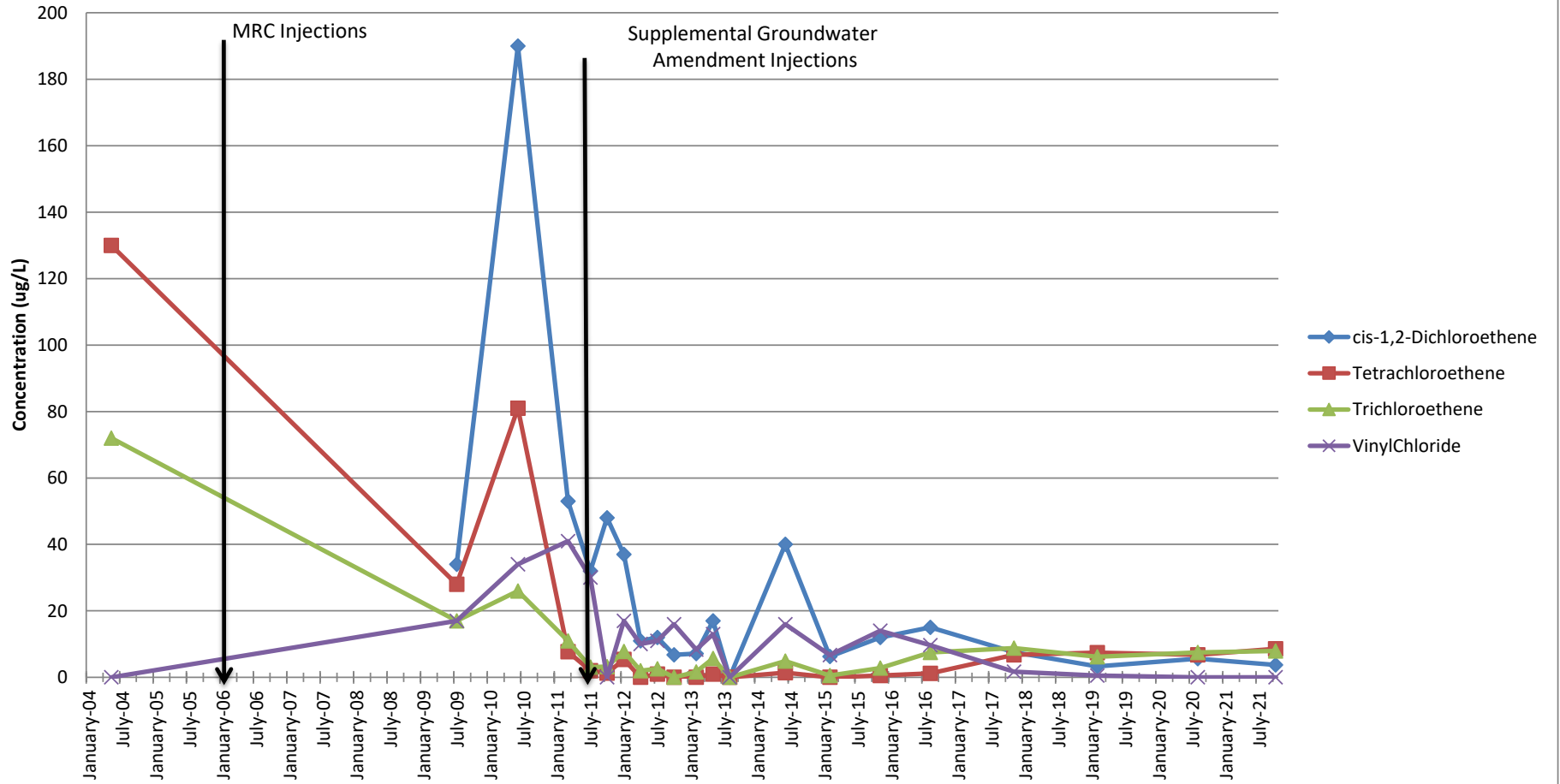


Figure 5D - SB-30 VOCs

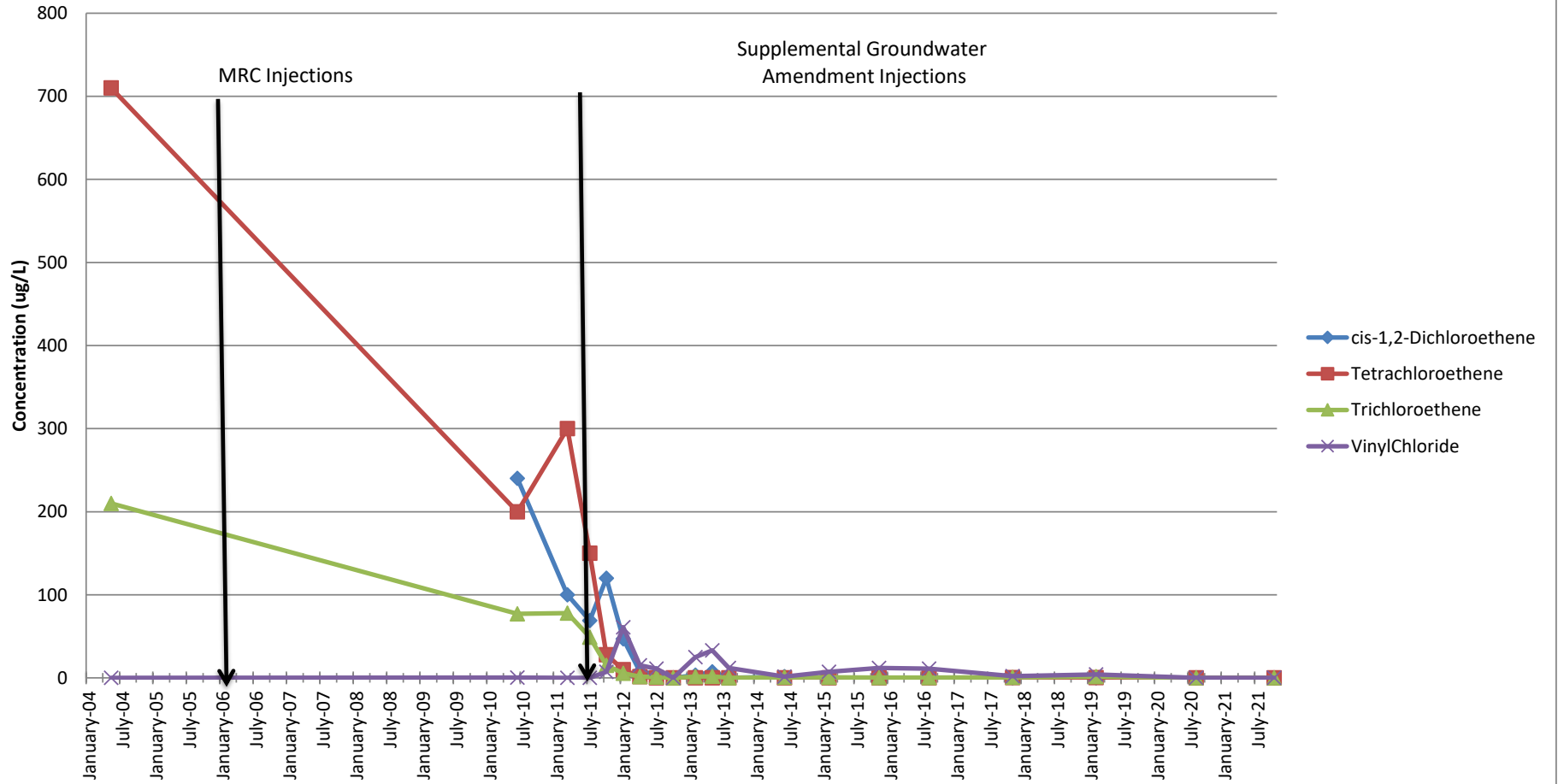


FIGURE 5E GW-1 VOCs

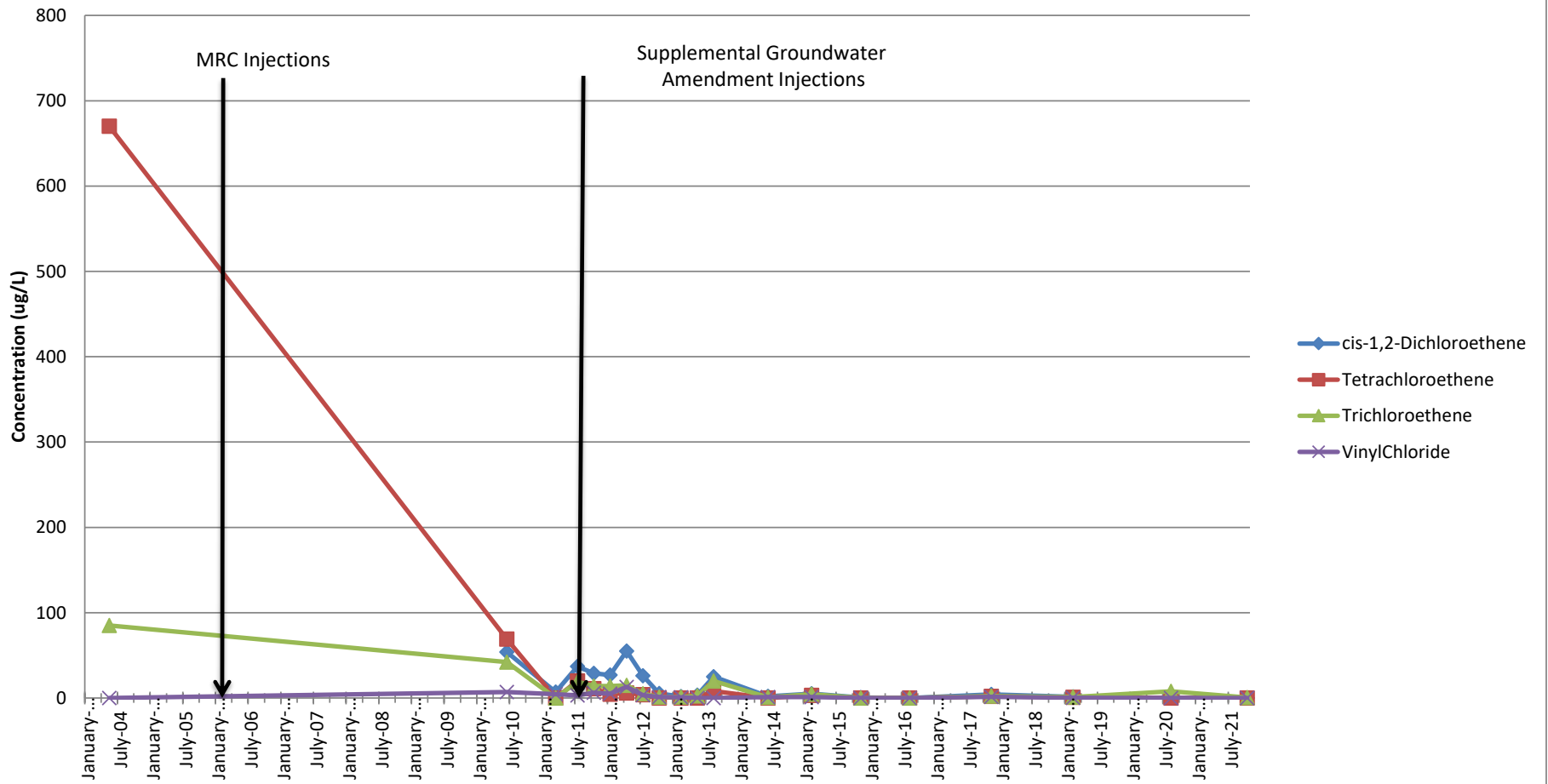


FIGURE 5F - GW-2 VOCs

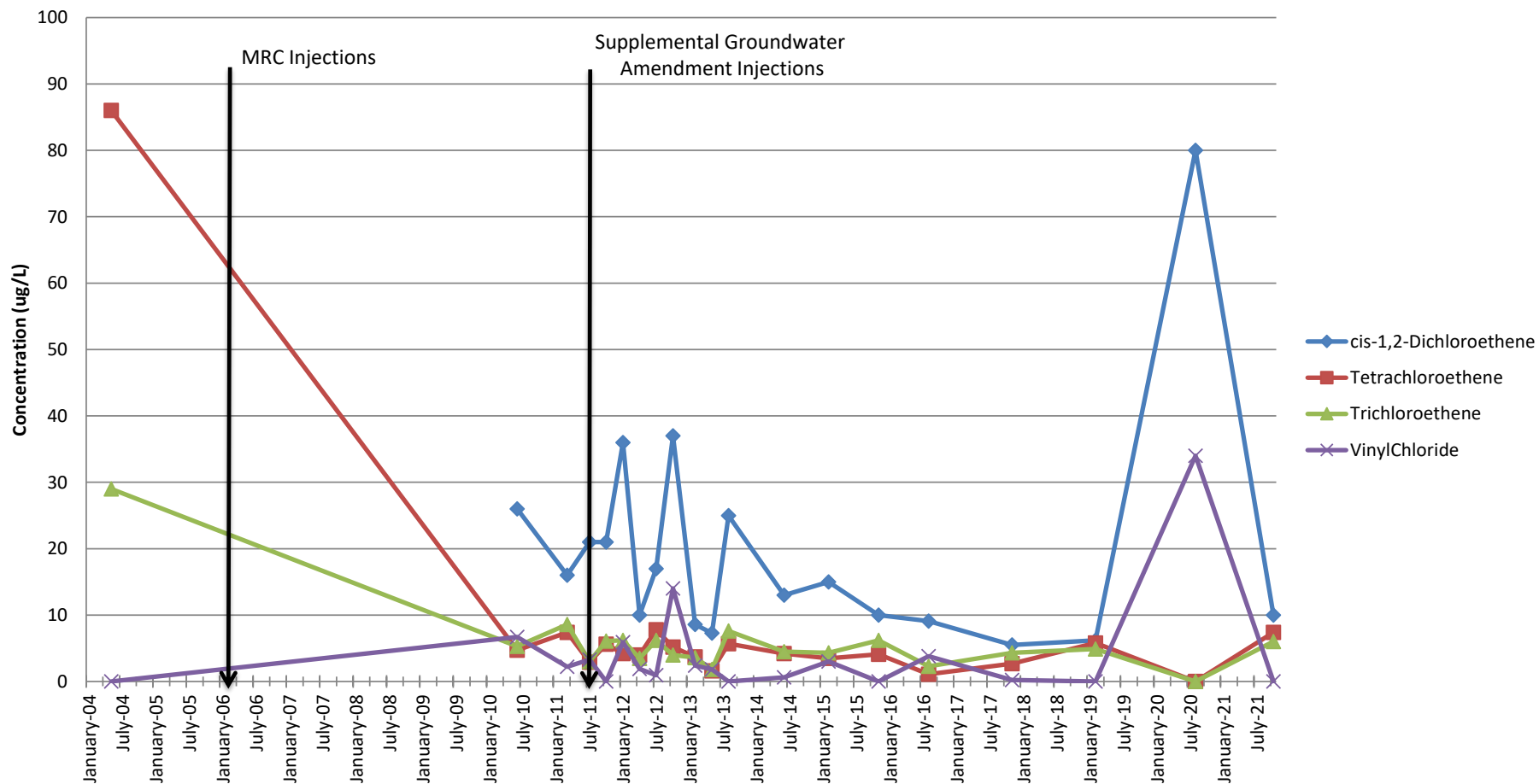


Figure 5G - SB-31 VOCs

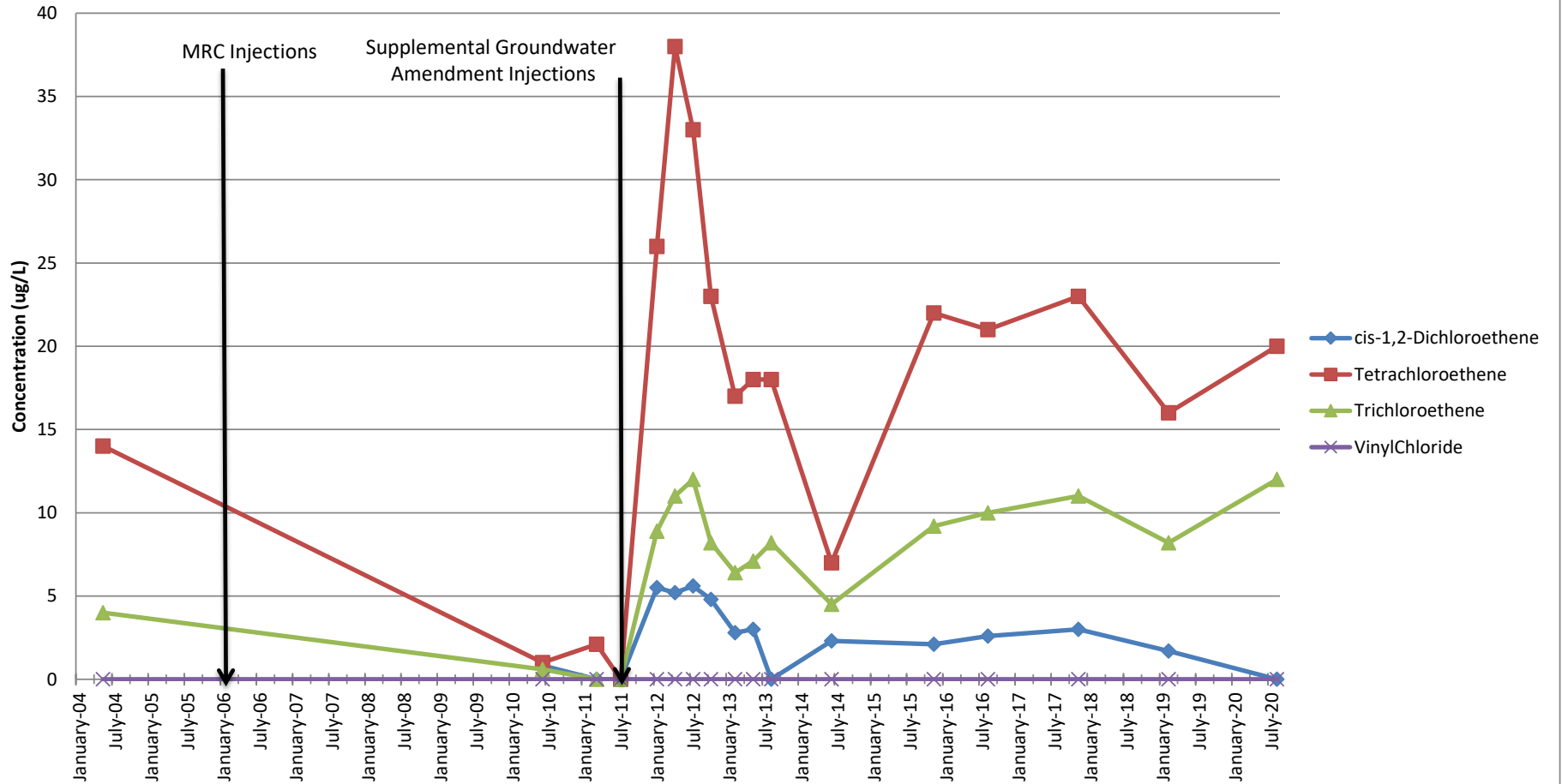


Figure 5H - SB-5 Cyanide

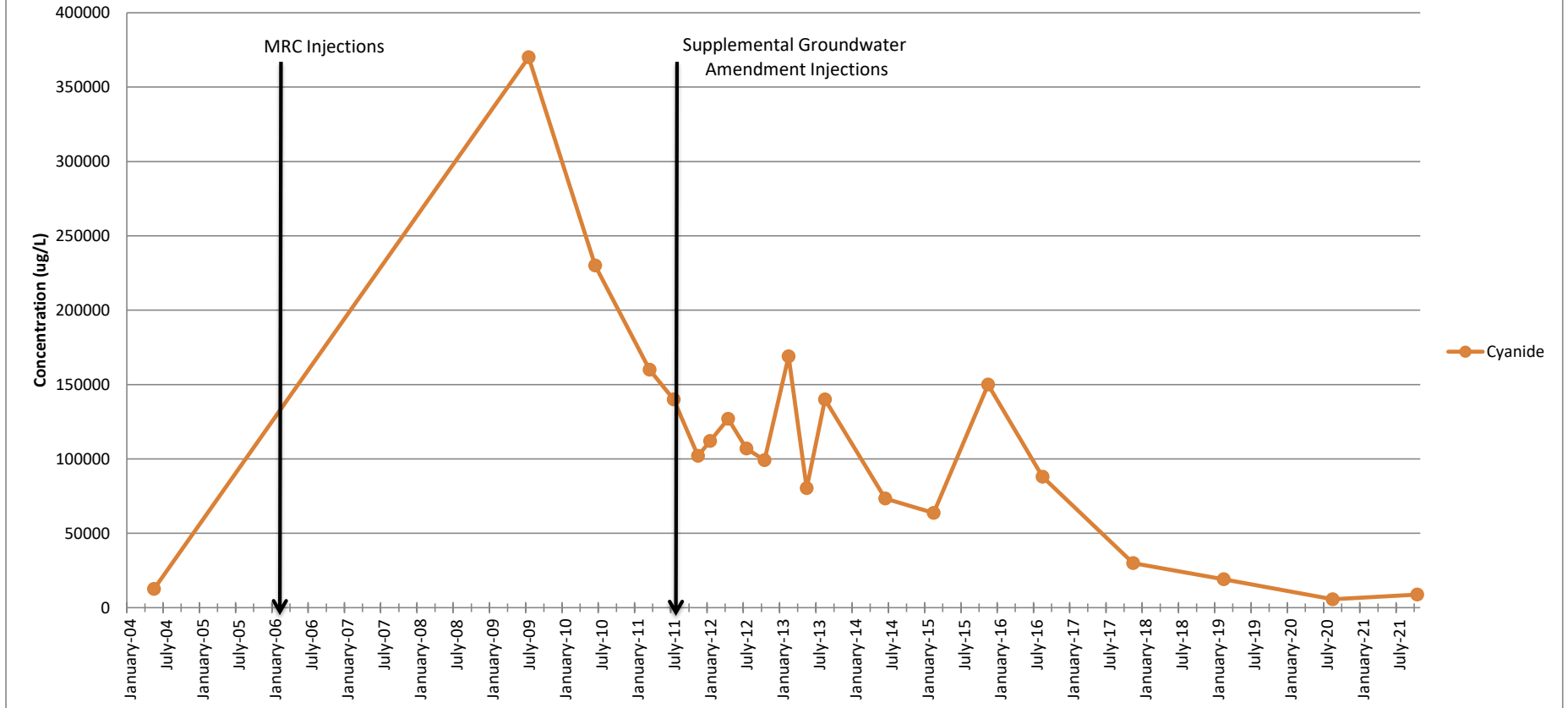


Figure 5I - SB-2 Total Metals

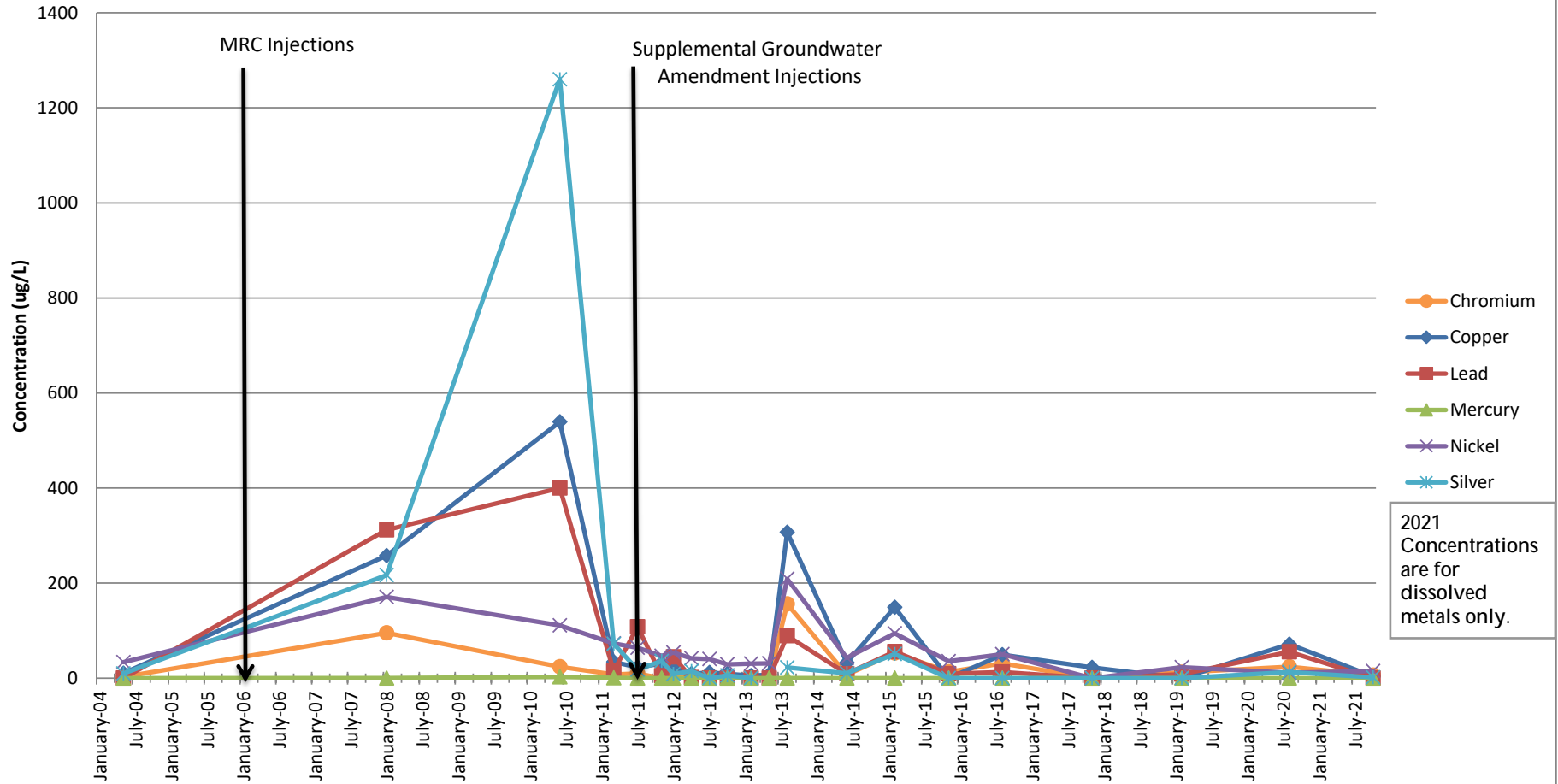


Figure 5J - SB-5 Total Metals

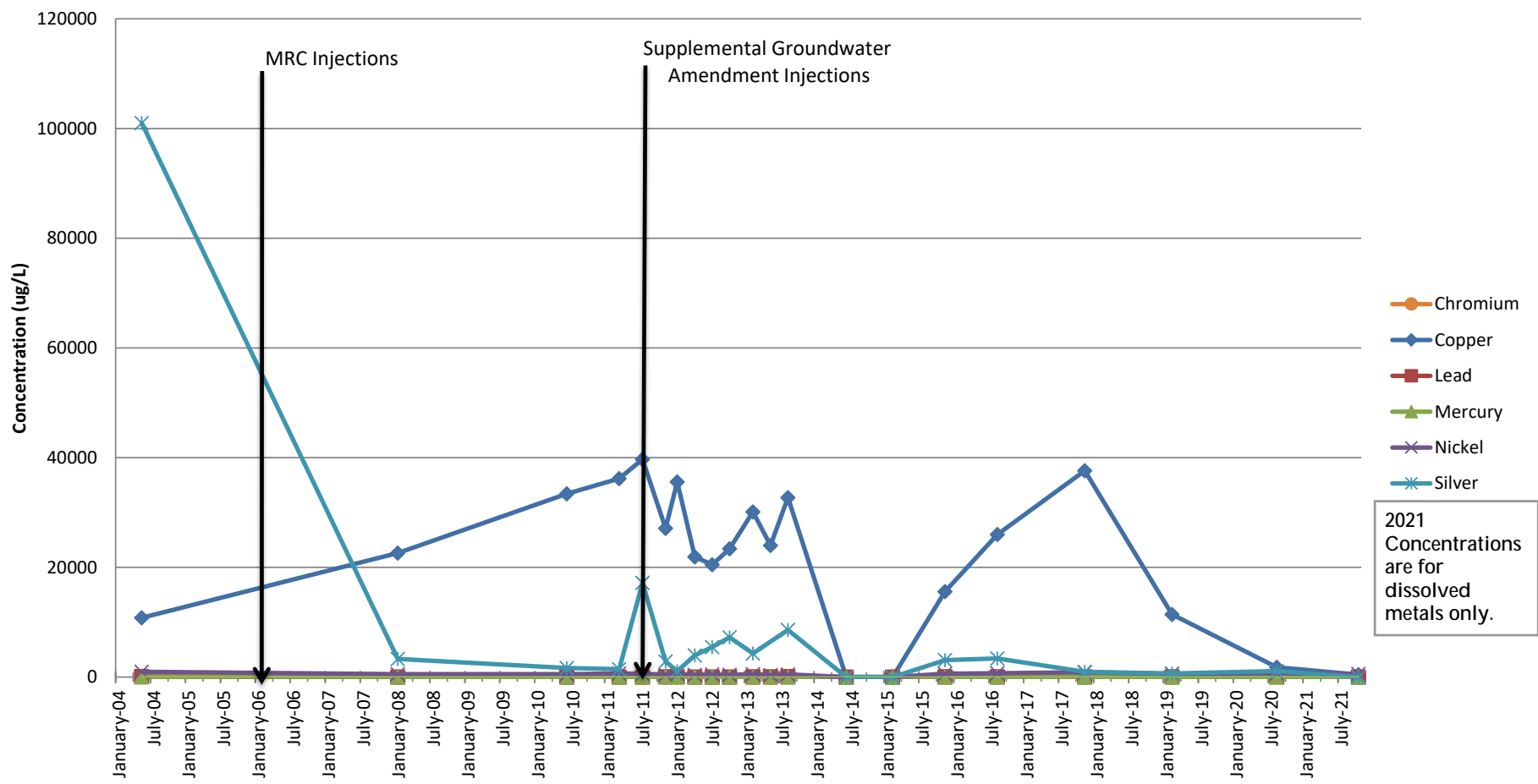
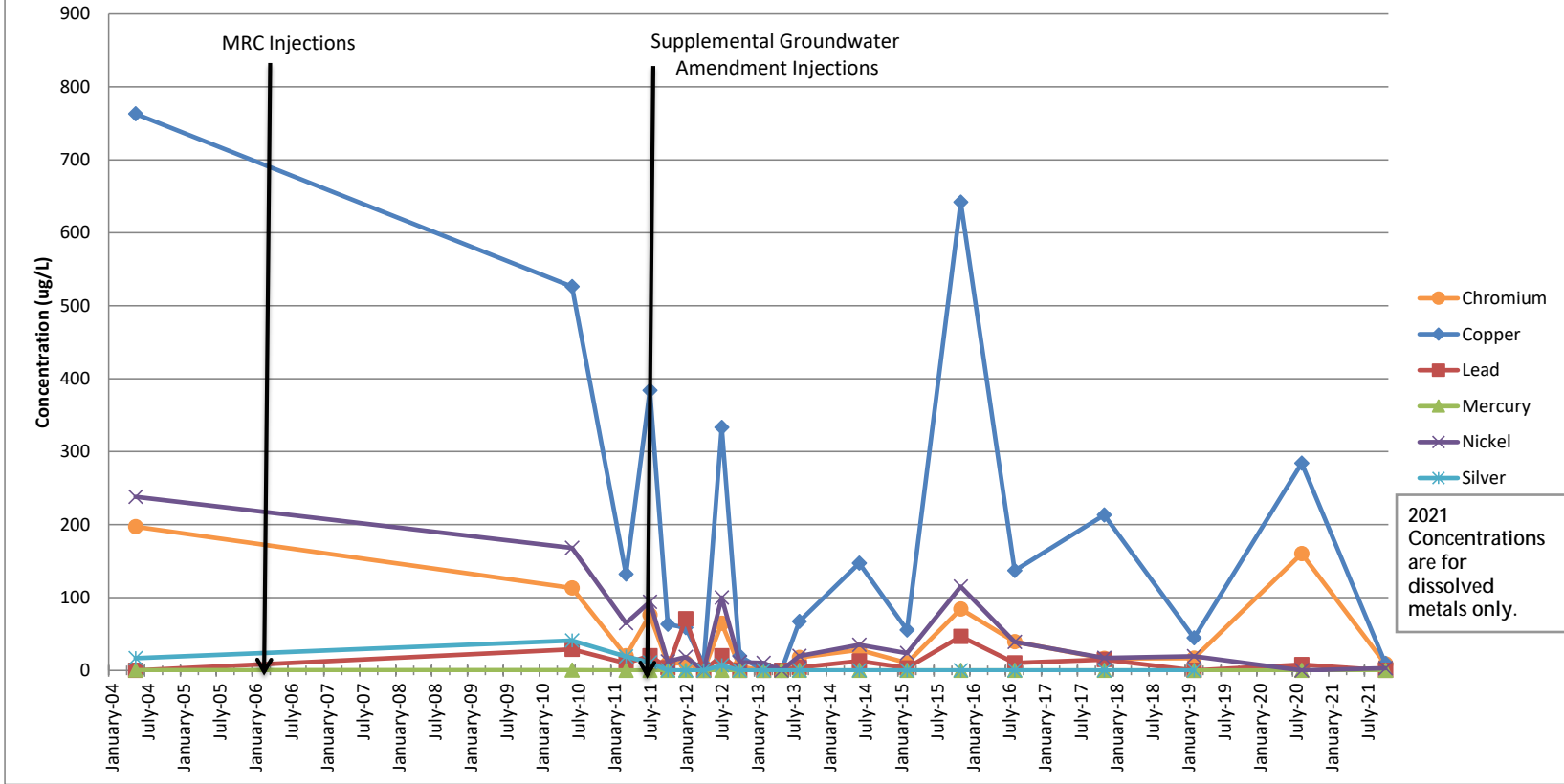


Figure 5K - GW-2 Total Metals



Tables

**Table 1A - Summary of
Inorganic Groundwater
Sampling Analytical Data -
2004-2021**

Table 1A
Summary of Inorganic Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-1															
Sample Location:	SB-1	SB-1	SB-1	SB-1	SB-1	SB-1	SB-1	SB-1	SB-1	SB-1	SB-1	SB-1	SB-1	SB-1	SB-1	
Sample I.D.:	286040521-40	788100630-01	753110330-08	788110714-14	1148111031-10	788120104-04	788120424-09	1177120710-07	1177121024-16	1177130207-21	984130521-13	788130829-14	1195140605-05	1195140606-21	1252150226-04	
Sampling Date:	5/21/2004	6/30/2010	3/30/2011	7/14/2011	11/1/2011	1/4/2012	4/24/2012	7/10/2012	10/24/2012	2/7/2013	5/21/2013	8/29/2013	6/5/2014	6/6/2014	2/26/2015	
CONSTITUENT---	TOGS 1.1.1 GA															
Inorganics (ug/l)																
Chromium	50	6.4J	143	2	17	<0.900	<0.900	<0.900	---	<1.8	<5	844	6.95	---	8.99	---
Dissolved Chromium	50	---	---	---	---	---	---	---	---	---	---	<5	---	<5	---	---
Copper	200	618	575	10	57	6.32	10.8	11.1	---	12.9	<5	2850	15.5	---	41.8	---
Dissolved Copper	200	---	---	---	---	---	---	---	---	---	---	<5	---	<3	---	---
Cyanide	200	<10.0	390	<10	---	---	<10.0	---	<0.01	---	---	---	<10.0	---	---	---
Lead	25	3.2N*	127	4	13	<1.20	3.42	3.38	---	<2.2	<3	1760	7.82	---	24.4	---
Dissolved Lead	25	---	---	---	---	---	---	---	---	---	---	<3	---	<3	---	---
Mercury	0.7	1.4	0.3	<0.2	<0.2	<0.04	<0.04	<0.04	---	<0.04	<0.2	1.6	<0.2	---	<0.2	---
Dissolved Mercury	0.7	---	---	---	---	---	---	---	---	---	---	<0.2	---	<0.2	---	---
Nickel	100	626	2660	47	307	18.0	36.8	18.3	---	16.2	6.51	9560	40.7	---	104	---
Dissolved Nickel	100	---	---	---	---	---	---	---	---	---	---	<5	---	<5	---	---
Silver	50	45.5N	240	3	14	<1.20	<1.20	6.34	---	<1.9	<5	---	10.9	---	8.91	---
Dissolved Silver	50	---	---	---	---	---	---	---	---	---	---	---	---	<5	---	---
Zinc	2,000 (GV)	27.4	499	12	62	27.3	22.3	25.6	---	38.9	<20	5460	48.5	---	94.2	---
Dissolved Zinc	2,000 (GV)	---	---	---	---	---	---	---	---	---	---	<20	---	<10	---	---

Notes:

Values shaded and in bold indicate the sample concentration exceeds TOGS 1.1.1 Groundwater Standards/Guidances
 J - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
 D = The reported concentration is the result of a diluted analysis.
 µg/L = micrograms per liter
 GV = Guidance Values

B=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 --- Not Analyzed

Table 1A
Summary of Inorganic Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-1															
	Sample Location:	SB-1	SB-1	SB-1	SB-1	SB-1	SB-1	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2
Sample I.D.:	1252151130-13	1313160825-13	1347171128-14	1514190220-06	1611200813-05	L2154524-10	286040517-05	980081024-03	788100630-02	753110330-09	788110714-13	1148111031-04	788120104-03	788120424-08	1177120710-08	
Sampling Date:	11/30/2015	8/25/2016	11/28/2017	2/20/2019	8/13/2020	10/5/2021	5/17/2004	1/24/2008	6/30/2010	3/30/2011	7/14/2011	11/1/2011	1/4/2012	4/24/2012	7/10/2012	
CONSTITUENT	TOGS 1.1.1 GA															
Inorganics (ug/l)																
Chromium	50	34.7	5.58	---	---	---	---	2.9J	95.4	24	8	10	<0.900	11.3	<0.900	<0.9
Dissolved Chromium	50	<5.56	<5.56	---	---	---	1.23	---	---	---	---	---	---	---	---	---
Copper	200	70.4B	13.7	---	---	---	---	10.5J	258	539	34	23	30.8	24.3	9.49	12.1
Dissolved Copper	200	14.6	8.34	---	---	---	2.36	---	---	---	---	---	---	---	---	---
Cyanide	200	---	---	<100	<10	<10	<10.0	<10.0	---	14000	<10	<10	<10.0	<10.0	<10.0	10
Lead	25	10.4	<3.33	---	---	---	---	<3.0	312	400	15	108	5.39	45.0	1.20J	<1.2
Dissolved Lead	25	<3.33	<3.33	---	---	---	<1	---	---	---	---	---	---	---	---	---
Mercury	0.7	<0.2	<0.2	---	---	---	---	<0.20	0.37	2.8	0.6	<0.2	<0.04	<0.04	<0.04	<0.04
Dissolved Mercury	0.7	<0.2	<0.2	---	---	---	<0.2	---	---	---	---	---	---	---	---	---
Nickel	100	60.3	18.3	---	---	---	---	33.7J	171	111	73	64	46.6	53.7	41.7	40.3
Dissolved Nickel	100	<5.56	<5.56	---	---	---	1.67J	---	---	---	---	---	---	---	---	---
Silver	50	<5.56	<5.56	---	---	---	---	9.8JN	217	1260	72	18	36.0	8.77	14.8	<1.2
Dissolved Silver	50	<5.56	<5.56	---	---	---	0.48	---	---	---	---	---	---	---	---	---
Zinc	2,000 (GV)	172	39.1	---	---	---	---	16.6J	493	166	49	52	40.9	112	<0.900	24.4
Dissolved Zinc	2,000 (GV)	21.5	<11.1	---	---	---	<10	---	---	---	---	---	---	---	---	---

Notes:

Values shaded and in bold indicate the sample concentration exceeds TOGS 1.1.1 Groundwater Standards/Guidances
 J - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
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 --- Not Analyzed

Table 1A
Summary of Inorganic Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:		AOC-1													
Sample Location:	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-02	SB-02
Sample I.D.:	1177121024-15	1177130207-22	984130521-12	788130829-13	1195140605-04	1252150226-03	1252151130-12	1313160825-15	1313160825-15	1347171128-15	1514190220-03	1611200813-04	12154029-02		
Sampling Date:	10/24/2012	2/7/2013	5/21/2013	8/29/2013	6/5/2014	2/26/2015	11/30/2015	11/30/2015	8/25/2016	11/28/2017	2/20/2019	8/13/2020	10/5/2021		
CONSTITUENT---	TOGS 1.1.1 GA														
Inorganics (ug/l)															
Chromium	50	<1.8	<5	47.7	156	7.36	53.1	13.2	30.9	30.9	<5.56	12.2	24	---	
Dissolved Chromium	50	---	<5	<5	<5.00	<5	<5	<5.56	<5.56	<5.56	<5.56	6.57	---	6.2	
Copper	200	9.19	9.45	84	307	32.4	149	45.8B	4.94	49.4	22.6B	<22.2	71.8B	---	
Dissolved Copper	200	---	5.45	7.08	7.76	7.86	6.13	16.6	5.01	5.01	22.6B	<22.2	---	3.73	
Cyanide	200	<10	<10	<10	204	<10	<10	<10	<10	<10	<10	<10	<10	<10	
Lead	25	<2.2	<3	51.2	89.2	9.3	55.9	9.45	13.1	13.1	<5.56	8.23	55.3	---	
Dissolved Lead	25	---	<3	<3	<3.00	<3	<3	<3.33	<3.33	<3.33	<5.56	<5.56	---	<1	
Mercury	0.7	<0.04	<0.2	0.2	0.4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	---	
Dissolved Mercury	0.7	---	<0.2	<0.2	<0.03900	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	---	<0.2	
Nickel	100	29.2	31.1	81.8	209	42.6	94.4	35.7	50.1	50.1	<5.56	23	11.4	---	
Dissolved Nickel	100	---	30.4	30.9	30.1	35.2	27.8	27.3	24	24	<5.56	17	---	14.72	
Silver	50	6.04	<5	---	22.5	10.1	50.9	<5.56	<5.56	<5.56	<5.56	<5.56	13	---	
Dissolved Silver	50	---	<5	---	16.2	12.7	5.05	<5.56	<5.56	<5.56	<5.56	<5.56	---	1.7	
Zinc	2,000 (GV)	21.1	26	194	745	73.1	393	88.8	110	110	<16.7	67.3	---	---	
Dissolved Zinc	2,000 (GV)	---	<20	<20	<10.0	<10	<10	27.8	<11.1	<11.1	<16.7	<27.8	---	<10	

Notes:

Values shaded and in bold indicate the sample concentration exceeds TOGS 1.1.1 Groundwater Standards/Guidances
 J - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
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 µg/L = micrograms per liter
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 --- Not Analyzed

Table 1A
Summary of Inorganic Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-1															
Sample Location:	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	
Sample I.D.:	286040521-39	980081024-02	788090930-01	788090730-02	788100630-03	753110330-10	788110714-12	1148111031-03	788120104-02	788120424-07	1177120710-09	1177121024-14	1177130207-23	984130521-11	788130829-12	
Sampling Date:	5/21/2004	1/24/2008	7/30/2009	7/30/2009	6/30/2010	3/30/2011	7/14/2011	11/1/2011	1/4/2012	4/24/2012	7/10/2012	10/24/2012	2/7/2013	5/21/2013	8/29/2013	
CONSTITUENT---	TOGS 1.1.1 GA			Duplicate												
Inorganics (ug/l)																
Chromium	50	125	34	---	---	9	<10	17	12.4	19.6	<0.900	<0.9	<18	5.05	20.5	37.9
Dissolved Chromium	50	---	---	---	---	---	---	---	---	---	---	---	---	<5.00	<5	<5.00
Copper	200	10800	22600	---	---	33400	36200	39700	27100	35,600E	21900	20500	23400	33500D	29200D	32700D
Dissolved Copper	200	---	---	---	---	---	---	---	---	---	---	---	---	30100D	24000D	21700
Cyanide	200	12600	---	130000	370000	230000	160000	140000	102000	112,000D	127,000D	107000D	99100D	169000D	80300D	140000D
Lead	25	86.8N*	10.9	---	---	1.6	<20	<20	36.7	50.6	29.6	24.8	<22	38.6	50	75.8
Dissolved Lead	25	---	---	---	---	---	---	---	---	---	---	---	---	34.4	30.4	36.9
Mercury	0.7	66	47.5	---	---	14.2	6.5	4.8	36	34.0	<0.04	28	0.9	2.7	2.8	12.0D
Dissolved Mercury	0.7	---	---	---	---	---	---	---	---	---	---	---	---	2.4	2.1	1.900
Nickel	100	961	538	---	---	526	645	613	438	589	416	471	414	510	483	489
Dissolved Nickel	100	---	---	---	---	---	---	---	---	---	---	---	---	517	345	439
Silver	50	101000N	3320	---	---	1650	1460	17200	2820	1100	3940	5490	7260	4660	---	8590
Dissolved Silver	50	---	---	---	---	---	---	---	---	---	---	---	---	4310	---	7090
Zinc	2,000 (GV)	269	81.5	---	---	58	51	62	44.7	36.9	40.5	<0.9	<19	38.7	48.4	58.5
Dissolved Zinc	2,000 (GV)	---	---	---	---	---	---	---	---	---	---	---	---	38.6	<20	15.7

Notes:

Values shaded and in bold indicate the sample concentration exceeds TOGS 1.1.1 Groundwater Standards/Guidances
 J - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
 D = The reported concentration is the result of a diluted analysis.
 ug/L = micrograms per liter
 GV = Guidance Values

B=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 --- Not Analyzed

Table 1A
Summary of Inorganic Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-1								AOC-2							
Sample Location:	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37	
Sample I.D.:	1195140605-03	1252150226-02	1252151130-14	1313160825-17	1347171128-17	1514190220-02	1611200813-03	12154524-07	286040521-38	788090729-03	788100629-02	753110329-03	788110713-02	1148111031-12	788120103-12	
Sampling Date:	6/5/2014	2/26/2015	11/30/2015	8/25/2016	11/28/2017	2/20/2019	8/13/2020	10/5/2021	5/21/2004	7/29/2009	6/29/2010	3/29/2011	7/13/2011	10/31/2011	1/3/2012	
CONSTITUENT---	TOGS 1.1.1 GA															
Inorganics (ug/l)																
Chromium	50	---	---	39.6	16.3	8.07	21.4	80.1	---	27.5	---	< 1.0	<1	<1	<0.900	<0.900
Dissolved Chromium	50	5.29	6.12	8.86	5.73	8.07	6.21	---	2.41	---	---	---	---	---	---	---
Copper	200	---	---	15600B	26000	37600BD	11400	1800B	---	8.5J	---	< 1.0	<1	<1	<1.60	<1.60
Dissolved Copper	200	19000	21800	13700D	17600	30800BD	21400	---	458.7	---	---	---	---	---	---	---
Cyanide	200	73400D	63600D	150000D	88000D	30000D	19100D	5660B	8750	<10.0	---	---	---	---	---	---
Lead	25	---	---	65	52.9	70.7	44.6	60.9	---	8.7N*	---	< 2.0	<2	2	<1.20	<1.20
Dissolved Lead	25	42.6	47.9	53.8	31.7	70.7	26.7	---	12.04	---	---	---	---	---	---	---
Mercury	0.7	---	---	<0.2	<0.2	1.4	1.37	0.44	---	<0.20	---	< 0.2	<0.2	<0.2	<0.04	<0.04
Dissolved Mercury	0.7	4.73	<0.2	<0.2	<0.2	0.5	0.9529	---	0.39	---	---	---	---	---	---	---
Nickel	100	---	---	633	707	881	581	720	---	6.8J	---	6	7	4	<0.800	5.72
Dissolved Nickel	100	379	589	797	515	881	822	593.8	---	---	---	---	---	---	---	---
Silver	50	---	---	3080	3400	975	666	1110	---	<10.0N	---	< 1.0	<1	<1	<1.20	<1.20
Dissolved Silver	50	12000	8410	965	4560	975	718	---	22.8	---	---	---	---	---	---	---
Zinc	2,000 (GV)	---	---	82.9	31.9	<16.7	59.3	---	---	11.5J	---	3	<2	<2	<0.900	<0.900
Dissolved Zinc	2,000 (GV)	27.1	13.6	29.3	<11.1	<16.7	<27.8	---	<10	---	---	---	---	---	---	---

Notes:

Values shaded and in bold indicate the sample concentration exceeds TOGS 1.1.1 Groundwater Standards/Guidances
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 --- Not Analyzed

Table 1A
Summary of Inorganic Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-2														
	Sample Location:	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37
Sample I.D.:	788120423-12	1177120710-04	1177121024-07	1177130206-04	984130521-08	788130829-08	1195140606-17	1252150225-03	1252151130-03	1313160825-08	1347171128-06	1514190221-04	1611200814-04	12154524-13	
Sampling Date:	4/23/2012	7/10/2012	10/24/2012	2/6/2013	5/21/2013	8/29/2013	6/6/2014	2/25/2015	11/30/2015	8/25/2016	11/28/2017	2/21/2019	8/14/2020	10/6/2021	
CONSTITUENT	TOGS 1.1.1 GA														
Inorganics (ug/l)															
Chromium	50	<0.900	<0.9	<1.8	<5	<5	<5.00	<5	<5	<5.56	14.3	<5.56	<5.56	66.2	---
Dissolved Chromium	50	---	---	---	---	---	---	---	---	---	---	---	---	---	0.54J
Copper	200	<1.60	<1.6	<2	<5	<5	<3.00	4.16	<3	33.6B	8.89	42B	<22.2	59.1B	---
Dissolved Copper	200	---	---	---	---	---	---	---	---	---	---	---	---	---	<1
Cyanide	200	---	---	---	<10	<10	<10.0	<10	<10	<10	<10	---	---	---	---
Lead	25	<1.20	<1.2	<2.2	<3	<3	<3.00	<3	<3	<3.33	8.87	<5.56	<5.56	31.3	---
Dissolved Lead	25	---	---	---	---	---	---	---	---	---	---	---	---	---	<1
Mercury	0.7	<0.04	<0.04	<0.04	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	---
Dissolved Mercury	0.7	---	---	---	---	---	---	---	---	---	---	---	---	---	<0.2
Nickel	100	<0.800	<0.8	<1.3	<5	<5	<5.00	<5	<5	<5.56	15.3	<5.56	<11.1	44.7	---
Dissolved Nickel	100	---	---	---	---	---	---	---	---	---	---	---	---	---	2.02
Silver	50	<1.20	<1.2	<1.9	<5	---	<5.00	<5	<5	<5.56	<5.56	<5.56	<5.56	<5.56	---
Dissolved Silver	50	---	---	---	---	---	---	---	---	---	---	---	---	---	<0.4
Zinc	2,000 (GV)	<0.900	<0.9	<1.9	<20	<20	17.6	18	14.1	57	<11.1	<16.7	<27.8	---	---
Dissolved Zinc	2,000 (GV)	---	---	---	---	---	---	---	---	---	---	---	---	---	<10

Notes:

Values shaded and in bold indicate the sample concentration exceeds TOGS 1.1.1 Groundwater Standards/Guidances
 J - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
 D = The reported concentration is the result of a diluted analysis.
 ug/L = micrograms per liter
 GV = Guidance Values

B=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 --- Not Analyzed

Table 1A
Summary of Inorganic Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-4															
Sample Location:	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30
Sample I.D.:	286040517-06	788100629-06	788100629-07	753110329-02	788110713-01	1148111031-09	788120103-11	788120423-11	1177120710-05	1177121024-09	1177130207-13	984130521-17	788130829-18	1195140605-09	1195140605-10	
Sampling Date:	5/17/2004	6/29/2010	6/29/2010	3/29/2011	7/13/2011	10/31/2011	1/3/2012	4/23/2012	7/10/2012	10/24/2012	2/7/2013	5/21/2013	8/29/2013	6/5/2014	6/5/2014	
CONSTITUENT---	TOGS 1.1.1 GA		Duplicate												Duplicate	
Inorganics (ug/l)																
Chromium	50	437	6	4	3	14	5.12	<0.900	<0.900	<0.9	<1.8	9.05	<5	6.40	22.8	30.5
Dissolved Chromium	50	---	---	---	---	---	---	---	---	---	---	---	---	---	<5	<5
Copper	200	18.6J	5	6	7	67	<1.60	6.54	9.70	<1.6	<2	64.1	<5	20.9	269	45.8
Dissolved Copper	200	---	---	---	---	---	---	---	---	---	---	---	---	---	<3	<3
Cyanide	200	<10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead	25	<3.0	< 2.0	< 2.0	<2	3	<1.20	9.66	<1.20	<1.2	<2.2	3.82	<3	<3.00	55.5	30.6
Dissolved Lead	25	---	---	---	---	---	---	---	---	---	---	---	---	---	<3	<3
Mercury	0.7	<0.20	< 0.2	< 0.2	<0.2	<0.2	<0.04	<0.04	<0.04	<0.04	<0.04	<0.2	<0.2	<0.2	<0.2	<0.2
Dissolved Mercury	0.7	---	---	---	---	---	---	---	---	---	---	---	---	---	<0.2	<0.2
Nickel	100	6.1J	13	12	13	27	13.4	19.0	14.2	10.7	7.58	45.8	6.32	12.3	49.5	36.1
Dissolved Nickel	100	---	---	---	---	---	---	---	---	---	---	---	---	---	17.1	18.2
Silver	50	5.7JN	< 1.0	< 1.0	17	<1	<1.20	<1.20	<1.20	<1.2	<1.9	<5	---	<5.00	<5	<5
Dissolved Silver	50	---	---	---	---	---	---	---	---	---	---	---	---	---	<5	<5
Zinc	2,000 (GV)	15.3J	4	3	<2	28	21.2	27.0	<0.900	<0.9	<1.9	50.1	<20	31.6	268	188
Dissolved Zinc	2,000 (GV)	---	---	---	---	---	---	---	---	---	---	---	---	---	35.1	12.8

Notes:

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 D = The reported concentration is the result of a diluted analysis.
 ug/L = micrograms per liter
 GV = Guidance Values

B=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 --- Not Analyzed

Table 1A
Summary of Inorganic Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-4									AOC-5						
	Sample Location:	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	
Sample I.D.:	1252150225-04	1252151130-09	1313160825-10	1347171128-08	1347171128-09	1514190221-09	1611200813-09	12154524-06	286040521-43	788100630-06	788100628-03	753110330-15	788110714-18	1148111031-08	788120103-10	
Sampling Date:	2/25/2015	11/30/2015	8/25/2016	11/28/2017	11/28/2017	2/21/2019	8/13/2020	10/6/2021	5/21/2004	6/30/2010	6/28/2010	3/30/2011	7/14/2011	10/31/2011	1/3/2012	
CONSTITUENT---	TOGS 1.1.1 GA				Duplicate											
Inorganics (ug/l)																
Chromium	50	12.2	6.19	9.61	<5.56	<5.56	<5.56	17.9	---	313	---	241	466	1740	58	37.1
Dissolved Chromium	50	<5	---	---	---	---	---	<5.56	3.71	---	---	---	---	---	---	---
Copper	200	55.7	27.4B	17	42.7B	40.3B	<22.2	91.1B	---	216	---	338	469	2640	49.3	84.4
Dissolved Copper	200	<3	---	---	---	---	---	<22.2	<1	---	---	---	---	---	---	---
Cyanide	200	---	---	---	---	---	---	---	---	<10.0	---	---	---	---	---	---
Lead	25	3.15	<3.33	<3.33	<5.56	<5.56	<5.56	<5.56	---	4.6N*	---	5	12	109	<1.20	1.20
Dissolved Lead	25	<3	---	---	---	---	---	<5.56	<1	---	---	---	---	---	---	---
Mercury	0.7	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	---	<0.20	---	<0.2	<0.2	<0.2	<0.04	<0.04
Dissolved Mercury	0.7	<0.2	---	---	---	---	---	<0.2	<0.2	---	---	---	---	---	---	---
Nickel	100	12.8	<5.56	11	<5.56	<5.56	<11.1	<11.1	---	18.0J	---	14	23	108	8.33	13.1
Dissolved Nickel	100	13.4	---	---	---	---	---	<11.1	9.33	---	---	---	---	---	---	---
Silver	50	<5	<5.56	<5.56	<5.56	<5.56	<5.56	<5.56	---	<10.0N	---	1	1	8	<1.20	<1.20
Dissolved Silver	50	<5	---	---	---	---	---	<5.56	<0.4	---	---	---	---	---	---	---
Zinc	2,000 (GV)	42	48.8	<11.1	<16.7	<16.7	<27.8	---	---	102	---	91	144	798	58.4B	32.9
Dissolved Zinc	2,000 (GV)	13	---	---	---	---	---	<10	---	---	---	---	---	---	---	---

Notes:

Values shaded and in bold indicate the sample concentration exceeds TOGS 1.1.1 Groundwater Standards/Guidances
 J - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
 D = The reported concentration is the result of a diluted analysis.
 µg/L = micrograms per liter
 GV = Guidance Values

B=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 --- Not Analyzed

Table 1A
Summary of Inorganic Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-5														
	Sample Location:	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1
Sample I.D.:	788120423-09	1177120709-10	1177121024-10	1177130207-19	984130521-16	788130829-17	1195140605-08	1252150225-05	1252151130-11	1313160825-11	1347171128-10	1514190220-09	1611200813-08	12154524-09	
Sampling Date:	4/23/2012	7/9/2012	10/24/2012	2/7/2013	5/21/2013	8/29/2013	6/5/2014	2/25/2015	11/30/2015	8/25/2016	11/28/2017	2/20/2019	8/13/2020	10/6/2021	
CONSTITUENT---	TOGS 1.1.1 GA														
Inorganics (ug/l)															
Chromium	50	30.5	1950	31.4	13	7.9	166	110	111	178	209	35.7	105	21.7	---
Dissolved Chromium	50	---	---	---	<5	<5	<5.00	<5	<5	<5.56	<5.56	<5.56	<5.56	---	1.05
Copper	200	53.3	4100	142	36.7	15	294	301	258	356B	354	116B	1590	66.2B	---
Dissolved Copper	200	---	---	---	<5	<5	<3.00	<3	12.9	18.3	4.78	24.6B	24.2	---	1.03
Cyanide	200	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead	25	<1.20	84.5	<2.2	<3	<3	14.3	28.1	12.8	14	8.22	<5.56	38.2	<5.56	---
Dissolved Lead	25	---	---	---	<3	<3	<3.00	<3	<3	<3.33	<3.33	<5.56	<5.56	---	<1
Mercury	0.7	<0.04	<0.04	<0.04	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	---
Dissolved Mercury	0.7	---	---	---	<0.2	<0.2	<0.03900	<0.2	<0.2	<0.2	<0.2	0.3	<0.2	---	<0.2
Nickel	100	10.1	211	6.53	6.5	<5	29.7	33.8	22.8	<5.56	31.1	<5.56	<11.1	<11.1	---
Dissolved Nickel	100	---	---	---	<5	<5	<5.00	6.68	8.69	<5.56	<5.56	<5.56	<11.1	---	1.67J
Silver	50	<1.20	<1.2	<1.9	<5	---	<5.00	<5	<5	2070	<5.56	<5.56	<5.56	<5.56	---
Dissolved Silver	50	---	---	---	<5	---	<5.00	<5	<5	<5.56	<5.56	<5.56	<5.56	---	<0.4
Zinc	2,000 (GV)	27.2	860	77.2	34.2	21.6	115	177	139	177	151	54.2	107	---	---
Dissolved Zinc	2,000 (GV)	---	---	---	<20	<20	17.2	58.7	35.8	32.7	<11.1	<16.7	<27.8	---	<10

Notes:

Values shaded and in bold indicate the sample concentration exceeds TOGS 1.1.1 Groundwater Standards/Guidances

J - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

D = The reported concentration is the result of a diluted analysis.

µg/L = micrograms per liter

GV = Guidance Values

B=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

--- Not Analyzed

Table 1A
Summary of Inorganic Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-5															
Sample Location:	GW-2	GW-2	GW-2	GW-2	GW-2	GW-2	GW-2	GW-2	GW-2	GW-2	GW-2	GW-2	GW-2	GW-2	GW-2	GW-2
Sample I.D.:	286040521-42	788100630-05	788100628-02	753110330-14	788110714-17	1148111031-06	1148111031-07	788120103-09	788120423-10	1177120709-09	1177121024-11	1177130207-18	984130521-15	788130829-16	1195140605-07	
Sampling Date:	5/21/2004	6/30/2010	6/28/2010	3/30/2011	7/14/2011	10/31/2011	10/31/2011	1/3/2012	4/23/2012	7/9/2012	10/24/2012	2/7/2013	5/21/2013	8/29/2013	6/5/2014	
CONSTITUENT---	TOGS 1.1.1 GA															
Inorganics (ug/l)																
Chromium	50	197	---	113	20	76	5.78	9.35	10.2	<0.900	64.7	5.5	32.3	25.2	17.9	28.3
Dissolved Chromium	50	---	---	---	---	---	---	---	---	---	---	---	<5	<5	<5.00	<5
Copper	200	763	---	526	132	384	63.1	36.6	58.6	8.39	333	19.8	331	113	67.2	147
Dissolved Copper	200	---	---	---	---	---	---	---	---	---	---	---	<5	<5	4.26	<3
Cyanide	200	<10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead	25	45.3N*	---	29	10	20	3.57	<1.20	70.7	<1.20	19.9	<2.2	22	14.1	4.01	12.9
Dissolved Lead	25	---	---	---	---	---	---	---	---	---	---	---	<3	<3	<3.00	<3
Mercury	0.7	0.41	---	0.3	<0.2	<0.2	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.2	<0.2	<0.2	<0.2
Dissolved Mercury	0.7	---	---	---	---	---	---	---	---	---	---	---	<0.2	<0.2	<0.03900	<0.2
Nickel	100	238	---	168	65	94	12.1	9.62	18.4	<0.800	100	11.2	85.4	33	19.8	35.2
Dissolved Nickel	100	---	---	---	---	---	---	---	---	---	---	---	10.1	<5	6.11	7.88
Silver	50	16.8N	---	41	19	11	<1.20	<1.20	<1.20	<1.20	7.04	<1.9	<5	---	<5.00	<5
Dissolved Silver	50	---	---	---	---	---	---	---	---	---	---	---	<5	---	<5.00	<5
Zinc	2,000 (GV)	3220	---	1360	113	1040	119B	199B	364	33.3	819	151	713	342	82.0	371
Dissolved Zinc	2,000 (GV)	---	---	---	---	---	---	---	---	---	---	---	39.7	37.4	15.7	25.2

Notes:

Values shaded and in bold indicate the sample concentration exceeds TOGS 1.1.1 Groundwater Standards/Guidances
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 D = The reported concentration is the result of a diluted analysis.
 ug/L = micrograms per liter
 GV = Guidance Values

B=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 --- Not Analyzed

Table 1A
Summary of Inorganic Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-5							AOC-6							
	Sample Location:	GW-2	GW-2	GW-2	GW-2	GW-2	GW-2	SB-23	SB-23	SB-23	SB-23	SB-23	SB-23	SB-23	
Sample I.D.:	1252150225-06	1252151130-10	1313160825-12	1347171128-11	1514190220-08	1611200813-07	L2154524-08	788130829-11	1195140605-02	1252150226-05	1313160825-16	1347171128-16	1514190220-04	1611200813-01	L2154524-11
Sampling Date:	2/25/2015	11/30/2015	8/25/2016	11/28/2017	2/20/2019	8/13/2020	10/6/2021	8/29/2013	6/5/2014	2/26/2015	8/25/2016	11/28/2017	2/20/2019	8/13/2020	10/5/2021
CONSTITUENT	TOGS 1.1.1 GA														
Inorganics (ug/l)															
Chromium	50	10.4	84.2	39.4	16.6	16.7	160	---	---	---	---	---	---	---	---
Dissolved Chromium	50	<5	<5.56	<5.56	<5.56	11.3	---	8.86	---	20.1	---	---	---	---	3.94
Copper	200	55.5	642B	137	213B	44.6	284B	---	---	---	---	---	---	---	---
Dissolved Copper	200	<3	18.6	4.63	27.2B	<22.2	---	9.43	---	<3	---	---	---	---	2.43
Cyanide	200	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead	25	3.31	46.7	10.2	14.8	<5.56	8.04	---	---	---	---	---	---	---	---
Dissolved Lead	25	<3	<3.33	<3.33	<5.56	<5.56	---	<1	---	<3	---	---	---	---	<1
Mercury	0.7	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	---	---	---	---	---	---	---	---
Dissolved Mercury	0.7	<0.2	<0.2	<0.2	<0.2	<0.2	---	<0.2	---	<0.2	---	---	---	---	<0.2
Nickel	100	23.8	115	39.1	17	19.3	<11.1	---	---	---	---	---	---	---	---
Dissolved Nickel	100	<5	<5.56	5.71	<5.56	<11.1	---	2.98	---	584	---	---	---	---	571.3
Silver	50	<5	<5.56	<5.56	<5.56	<5.56	26.2	---	---	---	---	---	---	---	---
Dissolved Silver	50	<5	<5.56	<5.56	<5.56	<5.56	---	<0.4	---	<5	---	---	---	---	<0.4
Zinc	2,000 (GV)	110	2170	470	580	65.9	---	---	---	---	---	---	---	---	---
Dissolved Zinc	2,000 (GV)	22.1	43.2	28.3	59	<27.8	---	<10	---	38.2	---	---	---	---	4.58J

Notes:

Values shaded and in bold indicate the sample concentration exceeds TOGS 1.1.1 Groundwater Standards/Guidances
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 D = The reported concentration is the result of a diluted analysis.
 µg/L = micrograms per liter
 GV = Guidance Values

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 --- Not Analyzed

Table 1A
Summary of Inorganic Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-6															
Sample Location:	SB-24	SB-24	SB-24	SB-24	SB-24	SB-24	SB-24	SB-24	SB-24	SB-24	SB-24	SB-24	SB-24	SB-24	SB-24	
Sample I.D.:	980081024-01	788090730-03	788100630-04	753110330-11	788110714-11	1148111031-02	788120104-01	788120424-06	1177120710-10	1177121024-13	1177130207-24	984130521-10	788130829-10	1195140605-01	1252150226-06	
Sampling Date:	1/24/2008	7/30/2009	6/30/2010	3/30/2011	7/14/2011	11/1/2011	1/4/2012	4/24/2012	7/10/2012	10/24/2012	2/7/2013	5/21/2013	8/29/2013	6/5/2014	2/26/2015	
CONSTITUENT---	TOGS 1.1.1 GA															
Inorganics (ug/l)																
Chromium	50	25.3	---	12	2	3	<0.900	<0.900	<0.900	<0.9	<1.8	---	89.1	47.6	6.2	---
Dissolved Chromium	50	---	---	---	---	---	---	---	---	---	---	<5	---	<5.00	<5	---
Copper	200	315	---	234	46	15	18.5	14.4	9.72	16.8	32.9	---	1070	349	92	---
Dissolved Copper	200	---	---	---	---	---	---	---	---	---	---	93.6	---	5.10	4.46	---
Cyanide	200	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead	25	70.6	---	47	14	4	3.78	1.20J	<1.20	3.67	6.45	---	107	95.3	26.9	---
Dissolved Lead	25	---	---	---	---	---	---	---	---	---	---	<3	---	<3.00	<3	---
Mercury	0.7	0.28	---	0.2	<0.2	<0.2	<0.04	<0.04	<0.04	<0.04	<0.04	---	1.7	0.6	<0.2	---
Dissolved Mercury	0.7	---	---	---	---	---	---	---	---	---	---	0.2	---	<0.03900	<0.2	---
Nickel	100	<40.0	---	13	4	3	<0.800	<0.800	<0.800	<0.8	<1.3	---	74.8	38.6	8.78	---
Dissolved Nickel	100	---	---	---	---	---	---	---	---	---	---	<5	---	<5.00	<5	---
Silver	50	<10.0	---	4	1	<1	<1.20	<1.20	<1.20	5.82	<1.9	---	---	112	9.87	---
Dissolved Silver	50	---	---	---	---	---	---	---	---	---	---	121	---	<5.00	<5	---
Zinc	2,000 (GV)	217	---	142	39	17	42.3	27.0	28.4	37.9	42	---	365	380	156	---
Dissolved Zinc	2,000 (GV)	---	---	---	---	---	---	---	---	---	---	31.8	---	<10.0	36.2	---

Notes:

Values shaded and in bold indicate the sample concentration exceeds TOGS 1.1.1 Groundwater Standards/Guidances
 J - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
 D = The reported concentration is the result of a diluted analysis.
 ug/L = micrograms per liter
 GV = Guidance Values

B=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 --- Not Analyzed

Table 1A
Summary of Inorganic Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-6															
Sample Location:	SB-24	SB-24	SB-24	SB-24	SB-24	SB-24	SB-24	SB-24	SB-24	SB-26	SB-26	SB-26	SB-26	SB-26	SB-26	
Sample I.D.:	1252150226-07	1252151130-16	1252151130-16	1313160825-14	1347171128-13	1514190220-05	1611200813-02	12154029-01	980081024-04	788100628-01	753110330-12	753110330-13	788110714-15	788110714-16	1148111031-05	
Sampling Date:	2/26/2015	11/30/2015	11/30/2015	8/25/2016	11/28/2017	2/20/2019	8/13/2020	10/5/2021	1/24/2008	6/28/2010	3/30/2011	3/30/2011	7/14/2011	7/14/2011	11/1/2011	
CONSTITUENT---	TOGS 1.1.1 GA	Duplicate										Duplicate	Duplicate			
Inorganics (ug/l)																
Chromium	50	---	---	---	7.5	<5.56	<5.56	11.1	---	15.7	3	4	3	7	7	<0.900
Dissolved Chromium	50	---	---	---	<5.56	<5.56	<5.56	---	0.29J	---	---	---	---	---	---	---
Copper	200	---	---	---	35.2	23.4B	34.7	62.1B	---	22.9	13	37	17	4	<1	<1.60
Dissolved Copper	200	---	---	---	5.34	23.4B	<22.2	---	5.37	---	---	---	---	---	---	---
Cyanide	200	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead	25	---	---	---	4.33	<5.56	<5.56	6.47	---	<5.0	<2.0	6	<2	3	3	<1.20
Dissolved Lead	25	---	---	---	<3.33	<5.56	22.5	---	<1	---	---	---	---	---	---	---
Mercury	0.7	---	---	---	<0.2	<0.2	<0.2	<0.2	---	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4
Dissolved Mercury	0.7	---	---	---	<0.2	<0.2	<0.2	---	<0.2	---	---	---	---	---	---	---
Nickel	100	---	---	---	8.99	<5.56	<11.1	<11.1	---	<40	5	77	30	7	8	13.3
Dissolved Nickel	100	---	---	---	6.35	<5.56	<11.1	---	3.83	---	---	---	---	---	---	---
Silver	50	---	---	---	7.04	<5.56	15.3	46.2	---	<10.0	37	15	5	<1	<1	<1.20
Dissolved Silver	50	---	---	---	<5.56	<5.56	<5.56	---	<0.4	---	---	---	---	---	---	---
Zinc	2,000 (GV)	---	---	---	41.8	<16.7	58.5	---	---	33	15	32	16	13	12	30.1
Dissolved Zinc	2,000 (GV)	---	---	---	14.8	<16.7	<27.8	---	9.44J	---	---	---	---	---	---	---

Notes:

Values shaded and in bold indicate the sample concentration exceeds TOGS 1.1.1 Groundwater Standards/Guidances
 J - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
 D = The reported concentration is the result of a diluted analysis.
 ug/L = micrograms per liter
 GV = Guidance Values

B=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 --- Not Analyzed

Table 1A
Summary of Inorganic Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-6															
Sample Location:	SB-26	SB-26	SB-26	SB-26	SB-26	SB-26	SB-26	SB-26	SB-26	SB-26	SB-26	SB-26	SB-26	SB-26	SB-26	
Sample I.D.:	788120104-05	788120424-05	1177120710-06	1177121024-12	1177130207-20	984130521-14	788130829-15	1195140605-06	1252150225-07	1252151130-15	1313160825-18	1347171128-12	1514190220-07	1611200813-06	12154524-05	
Sampling Date:	1/4/2012	4/24/2012	7/10/2012	10/24/2012	2/7/2013	5/21/2013	8/29/2013	6/5/2014	2/25/2015	11/30/2015	8/25/2016	11/28/2017	2/20/2019	8/18/2020	10/6/2021	
CONSTITUENT---	TOGS 1.1.1 GA															
Inorganics (ug/l)																
Chromium	50	<0.900	<0.900	<0.9	<1.8	<5	235	15.9	7.89	12.4	<5.56	6.66	<5.56	<5.56	84.8	---
Dissolved Chromium	50	---	---	---	---	<5	<5	<5.00	<5	<5	<5.56	<5.56	<5.56	<5.56	---	0.69J
Copper	200	5.92	7.07	5.710	<2	5.86	616	33.7	28.1	69.1	44.3B	19.5	53.8B	<22.2	317B	---
Dissolved Copper	200	---	---	---	---	<5	<5	<3.00	<3	4.69	19.4	8.03	26.3B	<22.2	---	1.69
Cyanide	200	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead	25	<1.20	1.20J	<1.2	<2.2	<3	63.9	7.30	6.89	58.4	3.41	<3.33	<5.56	<5.56	74.9	---
Dissolved Lead	25	---	---	---	---	<3	<3	<3.00	<3	<3.33	<3.33	<5.56	<5.56	<5.56	---	<1
Mercury	0.7	<0.04	<0.04	<0.04	<0.04	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	---
Dissolved Mercury	0.7	---	---	---	---	<0.2	<0.2	<0.03900	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	---	<0.2
Nickel	100	10.3	5.62	<0.8	<1.3	7.27	210	20.3	12.4	43.8	<5.56	8.4	<5.56	<11.1	47.8	---
Dissolved Nickel	100	---	---	---	---	<5	<5	<5.00	<5	<5	<5.56	6.2	<5.56	<11.1	---	1.6J
Silver	50	12.8	<1.20	20.10	<1.9	<5	---	<5.00	<5	8.3	13.5	26.9	<5.56	<5.56	<5.56	---
Dissolved Silver	50	---	---	---	---	<5	---	<5.00	<5	<5	<5.56	68.8	<5.56	<5.56	---	<0.4
Zinc	2,000 (GV)	20.8	29.0	<0.9	24.1	29	525	57.9	56	181	60.5	21.1	<16.7	31.8	---	---
Dissolved Zinc	2,000 (GV)	---	---	---	---	<20	<20	12.4	11	48	23.6	<11.1	<16.7	<27.8	---	<10

Notes:

Values shaded and in bold indicate the sample concentration exceeds TOGS 1.1.1 Groundwater Standards/Guidances
 J - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
 D = The reported concentration is the result of a diluted analysis.
 ug/L = micrograms per liter
 GV = Guidance Values

B=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 --- Not Analyzed

Table 1A
Summary of Inorganic Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-6															
Sample Location:	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31
Sample I.D.:	286040517-02	788100629-03	753110329-04	788110713-03	788120103-13	788120103-14	788120424-01	788120424-02	1177120709-11	1177121024-02	1177121024-03	1177130206-02	1177130206-03	984130521-07	788130829-04	
Sampling Date:	5/17/2004	6/29/2010	3/29/2011	7/13/2011	1/3/2012	1/3/2012	4/24/2012	4/24/2012	7/9/2012	10/24/2012	10/24/2012	2/6/2013	2/6/2013	5/21/2013	8/29/2013	
CONSTITUENT---	TOGS 1.1.1 GA					Duplicate		Duplicate			Duplicate		Duplicate			
Inorganics (ug/l)																
Chromium	50	19.8	3	5	7	<0.900	<0.900	17.1	16.9	24	21.8	21.4	24.7	24.1	23.1	15.6
Dissolved Chromium	50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Copper	200	6.6J	4	5	4	<1.60	<1.60	<1.60	<1.60	<1.6	<2	<2	<5	<5	<5	<3.00
Dissolved Copper	200	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cyanide	200	---	---	---	---	---	---	---	---	---	---	---	<10	<10	<10	<10.0
Lead	25	3.2	< 2.0	2	<2	<1.20	<1.20	<1.20	1.20J	---	<2.2	<2.2	<3	<3	6.73	<3.00
Dissolved Lead	25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mercury	0.7	<0.20	< 0.2	<0.2	<0.2	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.2	<0.2	<0.2
Dissolved Mercury	0.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Nickel	100	3.6J	< 1.0	6	2	<0.800	<0.800	<0.800	<0.800	<0.8	<1.3	<1.3	<5	<5	<5	<5.00
Dissolved Nickel	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Silver	50	24.4N	14	22	23	<1.20	<1.20	<1.20	<1.20	<1.2	<1.9	<1.9	11.4	8.87	---	11.0
Dissolved Silver	50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Zinc	2,000 (GV)	15.8J	12	24	18	23.4	25.5	23.2	20.8	<0.9	28.5	29.2	20.5	<20	31.7	26.4
Dissolved Zinc	2,000 (GV)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Notes:

Values shaded and in bold indicate the sample concentration exceeds TOGS 1.1.1 Groundwater Standards/Guidances
 J - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
 D = The reported concentration is the result of a diluted analysis.
 ug/L = micrograms per liter
 GV = Guidance Values

B=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 --- Not Analyzed

Table 1A
Summary of Inorganic Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-6															
Sample Location:	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31
Sample I.D.:	788130829-05	1195140606-14	1195140606-15	1252151130-06	1252151130-17	1313160825-05	1313160825-06	1347171128-01	1514190221-06	1611200814-01	1611200814-06	788090729-01	788100629-05	753110329-06	788110714-10	
Sampling Date:	8/29/2013	6/6/2014	6/6/2014	11/30/2015	11/30/2015	8/25/2016	8/25/2016	11/28/2017	2/21/2019	8/14/2020	8/14/2020	7/29/2009	6/29/2010	3/29/2011	7/14/2011	
CONSTITUENT---	TOGS 1.1.1 GA	Duplicate	Duplicate	Duplicate	Duplicate	Duplicate	Duplicate	Duplicate	Duplicate	Duplicate	Duplicate	Duplicate	Duplicate	Duplicate	Duplicate	
Inorganics (ug/l)																
Chromium	50	15.1	26	27.6	19.5	19.5	17.9	26.6	22.6	23.9	38.7	32.1	---	1	14	11
Dissolved Chromium	50	---	---	---	---	---	---	---	---	---	24.6	26.9	---	---	---	---
Copper	200	3.65	12.2	9.32	28.3B	26B	4.98	7.39	60.4B	<22.2	38.4B	<22.2	---	9	10	1
Dissolved Copper	200	---	---	---	---	---	---	---	---	---	<22.2	<22.2	---	---	---	---
Cyanide	200	<10.0	<10	<10	<10	<10	<10	<10	<10	<10	---	---	---	---	---	---
Lead	25	<3.00	34.1	20.7	<3.33	<3.33	<3.33	<3.33	<5.56	<5.56	41.7	<5.56	---	3	4	3
Dissolved Lead	25	---	---	---	---	---	---	---	---	---	<5.56	<5.56	---	---	---	---
Mercury	0.7	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	---	<0.2	<0.2	<0.2
Dissolved Mercury	0.7	---	---	---	---	---	---	---	---	---	<0.2	<0.2	---	---	---	---
Nickel	100	<5.00	5.59	<5	<5.56	<5.56	5.58	<5.56	<5.56	<11.1	<11.1	<11.1	---	5	2	1
Dissolved Nickel	100	---	---	---	---	---	---	---	---	---	<11.1	<11.1	---	---	---	---
Silver	50	11.3	28.9	26.6	18.7	28.1	17.1	18	<5.56	<5.56	22.1	13.7	---	6	2	<1
Dissolved Silver	50	---	---	---	---	---	---	---	---	---	<5.56	<5.56	---	---	---	---
Zinc	2,000 (GV)	23.3	50.1	45.2	53.9	48.7	<11.1	18.6	32	<27.8	---	---	---	9	14	<10
Dissolved Zinc	2,000 (GV)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Notes:

Values shaded and in bold indicate the sample concentration exceeds TOGS 1.1.1 Groundwater Standards/Guidances
 J - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
 D = The reported concentration is the result of a diluted analysis.
 ug/L = micrograms per liter
 GV = Guidance Values

B=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 --- Not Analyzed

Table 1A
Summary of Inorganic Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-6															
Sample Location:	SB-32	SB-32	SB-32	SB-32	SB-32	SB-32	SB-32	SB-32	SB-32	SB-32	SB-32	SB-32	SB-32	SB-32	SB-32	
Sample I.D.:	1148111031-13	788120104-06	788120424-04	1177120710-02	1177120710-03	1177121024-06	1177130206-10	984130521-04	788130829-02	1195140606-12	1252151130-08	1313160825-03	1347171128-03	1611200814-03	12154791-03	
Sampling Date:	11/1/2011	1/4/2012	4/24/2012	7/10/2012	7/10/2012	10/24/2012	2/6/2013	5/21/2013	8/29/2013	6/6/2014	11/30/2015	8/25/2016	11/28/2017	8/14/2020	10/7/2021	
CONSTITUENT---	TOGS 1.1.1 GA															
Inorganics (ug/l)	Duplicate															
Chromium	50	<0.900	<0.900	<0.900	<0.9	<0.9	<1.8	<5	<5	<5.00	<5	<5.56	<5.56	<5.56	<5.56	---
Dissolved Chromium	50	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.56	0.86J
Copper	200	5.35	<1.60	6.29	8.65	7.5	5.9	<5	<5	32.6	4.17	38B	9.92	62.2B	<22.2	---
Dissolved Copper	200	---	---	---	---	---	---	---	---	---	---	---	---	---	<22.2	3.9
Cyanide	200	---	---	---	---	---	---	<10	<10	<10.0	<10	<10	<10	<10	<10	<10
Lead	25	<1.20	1.20J	1.20J	6.72	3.78	<2.2	<3	<3	5.25	6.7	3.82	<3.33	<5.56	<5.56	---
Dissolved Lead	25	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.56	<1
Mercury	0.7	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	---
Dissolved Mercury	0.7	---	---	---	---	---	---	---	---	---	---	---	---	---	<0.2	<0.2
Nickel	100	<0.800	<0.800	<0.800	<0.8	<8	<1.3	6.45	<5	<5.00	<5	<5.56	<5.56	<5.56	<11.1	---
Dissolved Nickel	100	---	---	---	---	---	---	---	---	---	---	---	---	---	<11.1	2.31
Silver	50	<1.20	<1.2	<1.20	<1.2	<1.2	<1.9	<5	---	6.87	16.1	7.39	<5.56	<5.56	<5.56	---
Dissolved Silver	50	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.56	0.63
Zinc	2,000 (GV)	27.8	<0.900	<0.900	<0.9	<0.9	29.7	<20	29.4	23.8	23.5	53.4	<11.1	19.2	---	---
Dissolved Zinc	2,000 (GV)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<10

Notes:

Values shaded and in bold indicate the sample concentration exceeds TOGS 1.1.1 Groundwater Standards/Guidances
 J - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
 D = The reported concentration is the result of a diluted analysis.
 ug/L = micrograms per liter
 GV = Guidance Values

B=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 --- Not Analyzed

Table 1A
Summary of Inorganic Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-6															
Sample Location:	SB-33	SB-33	SB-33	SB-33	SB-33	SB-33	SB-33	SB-33	SB-33	SB-33	SB-33	SB-33	SB-36B	SB-36B	SB-36B	SB-36B
Sample I.D.:	286040517-04	1177121024-05	1177130207-25	984130521-05	788130829-06	1195140606-18	1252151130-05	1313160825-04	1347171128-05	1514190221-03	1611200813-10	286040521-44	1177121024-08	1177130206-05	984130521-09	
Sampling Date:	5/17/2004	10/24/2012	2/7/2013	5/21/2013	8/29/2013	6/6/2014	11/30/2015	8/25/2016	11/28/2017	2/21/2019	8/13/2020	5/21/2004	10/24/2012	2/6/2013	5/21/2013	
CONSTITUENT---	TOGS 1.1.1 GA															
Inorganics (ug/l)																
Chromium	50	3.1	<1.8	<5	71.3	<5.00	<5	<5.56	<5.56	<5.56	<5.56	66.3	11.4	<1.8	<5	<5
Dissolved Chromium	50	---	---	---	---	---	---	<5.56	<5.56	---	<5.56	---	---	---	---	---
Copper	200	3.2	<2	10.3	210	<3.00	<3	34.2B	4.59	45B	<22.2	192B	22.7	<2	<5	7.47
Dissolved Copper	200	---	---	---	---	---	---	---	3.69	---	<22.2	---	---	---	---	---
Cyanide	200	---	---	<10	<10	<10.0	<10	<10	<10	---	---	---	---	---	<10	<10
Lead	25	<1.1	<2.2	18.3	318	<3.00	<3	<3.33	<3.33	<5.56	<5.56	492	51	<2.2	<3	20.9
Dissolved Lead	25	---	---	---	---	---	---	<3.33	<3.33	---	<5.56	---	---	---	---	---
Mercury	0.7	<0.20	<0.04	<0.2	0.9	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20	<0.04	<0.2	<0.2
Dissolved Mercury	0.7	---	---	---	---	---	---	---	<0.2	---	<0.2	---	---	---	---	---
Nickel	100	<1.7	<1.3	<5	67.6	<5.00	<5	<5.56	<5.56	<5.56	<11.1	82	9.1	<1.3	<5	<5
Dissolved Nickel	100	---	---	---	---	---	---	---	<5.56	---	<11.1	---	---	---	---	---
Silver	50	<2.2	<1.9	12.3	---	<5.00	<5	<5.56	<5.56	<5.56	<5.56	<5.56	<1.9	<1.9	<5	---
Dissolved Silver	50	---	---	---	---	---	---	---	<5.56	---	<5.56	---	---	---	---	---
Zinc	2,000 (GV)	6.9	<1.9	24.7	327	12.8	12.4	41.5	<1.11	<16.7	<27.8	---	40.7	45.9	34.4	57.8
Dissolved Zinc	2,000 (GV)	---	---	---	---	---	---	---	<1.11	---	<27.8	---	---	---	---	---

Notes:

Values shaded and in bold indicate the sample concentration exceeds TOGS 1.1.1 Groundwater Standards/Guidances
 J - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
 D = The reported concentration is the result of a diluted analysis.
 ug/L = micrograms per liter
 GV = Guidance Values

B=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 --- Not Analyzed

Table 1A
Summary of Inorganic Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-6															
Sample Location:	SB-36B	SB-36B	SB-36B	SB-36B	SB-36B	SB-36B	SB-36B	SB-36B	SB-36B	SB-36B	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38
Sample I.D.:	788130829-09	1195140606-19	1252150225-02	1252151130-02	1313160825-09	1347171128-07	1514190221-05	1611200814-05	12154791-02	286040521-34	286040521-35	753110329-05	788110714-09	1148111031-11	788120103-15	
Sampling Date:	8/29/2013	6/6/2014	2/25/2015	11/30/2015	8/25/2016	11/28/2017	2/21/2019	8/14/2020	10/5/2021	5/21/2004	Duplicate	3/29/2011	7/14/2011	10/31/2011	1/3/2012	
CONSTITUENT---	TOGS 1.1.1 GA															
Inorganics (ug/l)																
Chromium	50	<5.00	<5	<5	<5.56	12.9	<5.56	<5.56	54.7	---	3.1J	3.0J	<1	<10	<0.900	<0.900
Dissolved Chromium	50	---	---	---	---	---	---	<5.56	0.55J	---	---	---	---	---	---	---
Copper	200	3.13	8.14	3.51	37.3B	9.57	44B	<22.2	234B	---	7.2J	8.4J	2	<1	<1.60	<1.60
Dissolved Copper	200	---	---	---	---	---	---	---	<22.2	2.43	---	---	---	---	---	---
Cyanide	200	<10.0	<10	<10	<10	<10	---	---	---	---	<10.0	<10.0	---	---	---	---
Lead	25	4.20	28.4	<3	3.93	6.31	<5.56	<5.56	1120	---	1.4JN	2.3JN	<2	<20	<1.20	<1.20
Dissolved Lead	25	---	---	---	---	---	---	---	<5.56	<1	---	---	---	---	---	---
Mercury	0.7	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	---	<0.20	<0.20	<0.2	<0.2	<0.04	<0.04
Dissolved Mercury	0.7	---	---	---	---	---	---	---	<0.2	<0.2	---	---	---	---	---	---
Nickel	100	<5.00	<5	5.26	<5.56	15.2	<5.56	<11.1	22	---	19.0J	19.9J	4	<10	<0.800	6.17
Dissolved Nickel	100	---	---	---	---	---	---	---	<11.1	4.43	---	---	---	---	---	---
Silver	50	<5.00	<5	<5	<5.56	<5.56	<5.56	<5.56	5.65	---	<10.0N	<10.0N	<1	<1	<1.20	<1.20
Dissolved Silver	50	---	---	---	---	---	---	---	<5.56	<0.4	---	---	---	---	---	---
Zinc	2,000 (GV)	24.6	44.6	78.6	82.4	38.9	38.3	38	---	---	10.5J	10.1J	<2	<20	<0.900	<0.900
Dissolved Zinc	2,000 (GV)	---	---	---	---	---	---	---	---	42.61	---	---	---	---	---	---

Notes:

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 D = The reported concentration is the result of a diluted analysis.
 ug/L = micrograms per liter
 GV = Guidance Values

B=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 --- Not Analyzed

Table 1A
Summary of Inorganic Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-6																
Sample Location:	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	
Sample I.D.:	788120424-03	1177120709-12	1177121024-17	1177130206-11	984130521-02	984130521-03	788130829-03	1195140606-13	1252151130-07	1313160825-02	1347171128-02	1514190221-07	1514190221-08	2010645-02	12154524-04		
Sampling Date:	4/24/2012	7/9/2012	10/24/2012	2/6/2013	5/21/2013	5/21/2013	8/29/2013	6/6/2014	11/30/2015	8/25/2016	11/28/2017	2/21/2019	2/21/2019	8/14/2020	10/6/2021		
CONSTITUENT---	TOGS 1.1.1 GA															Duplicate	
Inorganics (ug/l)																	
Chromium	50	<0.900	<0.9	<1.8	<5	<5	<5	<5.00	<5	<5.56	<5.56	<5.56	<5.56	<5.56	<5.56	<5.56	---
Dissolved Chromium	50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.45]
Copper	200	<1.60	<1.6	<2	<5	<5	<5	<3.00	<3	29.9B	4.8	49.3B	<22.2	<22.2	<22.2	---	
Dissolved Copper	200	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.4]
Cyanide	200	---	---	---	<10	<10	<10	<10.0	<10	<10	<10	<10	<10	<10	<10	<10	<10
Lead	25	<1.20	<1.2	<2.2	<3	<3	<3	<3.00	<3	<3.33	<3.33	<5.56	<5.56	<5.56	<5.56	<5.56	---
Dissolved Lead	25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1
Mercury	0.7	<0.04	<0.04	<0.04	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	---
Dissolved Mercury	0.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<0.2
Nickel	100	8.52	<0.8	<1.3	<5	5.11	<5	8.18	7.31	8.21	<5.56	<5.56	<11.1	<11.1	<11.1	---	
Dissolved Nickel	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.6
Silver	50	<1.20	<1.2	<1.9	<5	---	---	<5.00	<5	<5.56	<5.56	<5.56	<5.56	<5.56	<5.56	<5.56	---
Dissolved Silver	50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<0.4
Zinc	2,000 (GV)	<0.900	<0.9	<1.9	<20	<20	<20	24.3	17	42.7	<11.1	<16.7	<27.8	<27.8	---	---	
Dissolved Zinc	2,000 (GV)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<10

Notes:

Values shaded and in bold indicate the sample concentration exceeds TOGS 1.1.1 Groundwater Standards/Guidances
 J - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
 D = The reported concentration is the result of a diluted analysis.
 ug/L = micrograms per liter
 GV = Guidance Values

B=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 --- Not Analyzed

Table 1A
Summary of Inorganic Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:		AOC-6									
Sample Location:	SB-39	SB-39	SB-39	SB-39	SB-39	SB-39	SB-39	SB-39	SB-39	SB-39	SB-39
Sample I.D.:	286040521-37	1177121024-04	984130521-06	788130829-07	1195140606-16	1252151130-04	1313160825-07	1347171128-04	12154524-02		
Sampling Date:	5/21/2004	10/24/2012	5/21/2013	8/29/2013	6/6/2014	11/30/2015	8/25/2016	11/28/2017	10/6/2021		
CONSTITUENT	TOGS 1.1.1 GA										
Inorganics (ug/l)											
Chromium	50	3.5	<1.8	<5	<5.00	<5	<5.56	5.75	<5.56	---	
Dissolved Chromium	50	---	---	---	---	---	---	---	---	0.69J	
Copper	200	8.2	<2	<5	3.74	4.64	38.9B	14.6	65.4B	---	
Dissolved Copper	200	---	---	---	---	---	---	---	---	<1	
Cyanide	200	---	---	<10	<10.0	<10	<10	<10	<10	---	
Lead	25	1.7	<2.2	3.29	<3.00	<3	<3.33	4.58	61.7	---	
Dissolved Lead	25	---	---	---	---	---	---	---	---	<1	
Mercury	0.7	<0.20	<0.04	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	---	
Dissolved Mercury	0.7	---	---	---	---	---	---	---	---	<0.2	
Nickel	100	<1.7	<1.3	<5	<5.00	<5	<5.56	5.83	<5.56	---	
Dissolved Nickel	100	---	---	---	---	---	---	---	---	1.33J	
Silver	50	<1.9	<1.9	---	<5.00	<5	<5.56	<5.56	<5.56	---	
Dissolved Silver	50	---	---	---	---	---	---	---	---	<0.4	
Zinc	2,000 (GV)	13.6	28.3	36	35.0	23.6	52.5	46.2	49.7	---	
Dissolved Zinc	2,000 (GV)	---	---	---	---	---	---	---	---	<10	

Notes:

Values shaded and in bold indicate the sample concentration exceeds TOGS 1.1.1 Groundwater Standards/Guidances
 J - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
 D = The reported concentration is the result of a diluted analysis.
 µg/L = micrograms per liter
 GV = Guidance Values

B=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 --- Not Analyzed

**Table 1B - Summary of
Volatile Organic Compound
Groundwater Sampling
Analytical Data - 2004-2021**

Table 1B
 Summary of Volatile Organic Compound Groundwater Sampling Analytical Data
 Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern: Sample Location: Sample I.D.:	AOC-1																							
	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2			
	980081024-03	788100630-02	753110330-09	788110714-13	1148111031-04	788120104-03	788120424-08	1177120710-08	1177121024-15	1177130207-22	984130521-12	788130829-13	1195140605-04	1252150226-03	1252151130-12	1313160825-15	1313160825-15	1347171128-15	1514190220-03	16112000813-04	12154524-10			
Sample I.D.:	5/17/2004	1/24/2008	6/30/2010	3/30/2011	7/14/2011	11/1/2011	1/4/2012	4/24/2012	7/10/2012	10/24/2012	2/7/2013	5/21/2013	8/29/2013	6/5/2014	2/26/2015	11/30/2015	11/30/2015	8/25/2016	11/28/2017	2/20/2019	8/13/2020	10/5/2021		
CONSTITUENT	TOGS 1.1.1 GA																							
Volatile Organics (ug/l)																								
1,1,1-Trichloroethane	5	<10	0.29 J	0.34 J	<5	<5	<0.95	<0.95	<0.95	<0.23	<0.23	<0.23	<0.23	<0.23	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
1,1,2,2-Tetrachloroethane	5	<10	<5.0	<0.50	<1	<1	<0.57	<0.57	<0.57	<0.59	<0.59	<0.59	<0.59	<0.59	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
1,1,2-Trichloro-1,2,2-trifluoroethane	5	---	---	---	---	---	<0.6	<0.60	<0.60	<0.34	<0.34	<0.34	<0.34	<0.34	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
1,1,2-Trichloroethane	1	<10	<5.0	<1.0	<3	<3	<0.61	<0.61	<0.61	<1.3	<1.3	<1.3	<1.3	<1.3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1.5
1,1-Dichloroethane	5	<10	<5.0	0.20 J	<5	<5	<0.69	<0.69	<0.69	<0.42	<0.42	<0.42	<0.42	<0.42	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
1,1-Dichloroethylene (ethylene)	5	<10	<5.0	0.90 J	<1	<1	<1.3	<1.3	<1.3	<0.52	<0.52	<0.52	<0.52	<0.52	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
1,2,4-Trichlorobenzene	5	---	---	---	<1	<1	<0.48	<0.48	<0.48	<0.91	<0.91	<0.91	<0.91	<0.91	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
1,2,4-Trimethylbenzene	5	---	---	<1.0	---	---	---	---	---	<0.41	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	---
1,2-Dibromo-3-chloropropane	0.04	---	---	---	<1	<1	<1.3	<1.3	<1.3	<0.98	<0.98	<0.98	<0.98	<0.98	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
1,2-Dibromoethane	0.0006	---	---	---	---	---	<0.68	<0.68	<0.68	<0.44	<0.44	<0.44	<0.44	<0.44	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
1,2-Dichloroethane	0.6	<10	---	<0.6	<2	<2	<0.65	<0.65	<0.65	<0.36	<0.36	<0.36	<0.36	<0.36	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
1,2-Dichloropropane	1	<10	---	<1.0	<1	<1	<0.22	<0.22	<0.22	<0.23	<0.23	<0.23	<0.23	<0.23	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1
1,3,5-Trimethylbenzene	5	---	---	---	---	---	---	---	---	<0.48	<0.48	<0.48	<0.48	<0.48	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	---
2-Butanone (MEK)	50 (GV)	<10	0.67 J	14	<1	<1	<2.6	<2.6	<2.6	<1.5	<1.5	<1.5	<1.5	<1.5	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<5
2-Hexanone	50 (GV)	<10	0.63 J	<1	<1	<1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<5
4-Methyl-2-pentanone	NA	<10	<10	1.4	<1	<1	<5.6	<5.6	<5.6	<0.86	<0.86	<0.86	<0.86	<0.86	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<5
Acetone	50 (GV)	<10	1.80 J	23	<1	<1	4.4J,B	4.3J,B	3.2J,B	<6.1	<6.1	<6.1	<6.1	<6.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2.3J
Benzene	1	<10	<5.0	<0.7	<0.7	<0.7	<0.48	<0.48	<0.48	<0.3	<0.3	<0.3	<0.3	<0.3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Bromodichloromethane	50 (GV)	---	<5.0	<0.50	<1	<1	<0.62	<0.62	<0.62	<0.41	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Bromoform	50 (GV)	<10	<5.0	<1.0	<5	<5	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2
Bromomethane	5	<10	<5.0	<1.0	<5	<5	<1.2	<1.2	<1.2	<2	<2	<2	<2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Carbon Disulfide	NA	<10	<5.0	<0.64	<1	<1	<0.64	<0.64	<0.64	<0.51	<0.51	<0.51	<0.51	<0.51	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<5
Carbon Tetrachloride	5	<10	<5.0	<1.0	<1	<1	<1	<1.0	<1.0	<0.56	<0.56	<0.56	<0.56	<0.56	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Chlorobenzene	5	<10	<5.0	<1.0	<5	<5	<0.35	<0.35	<0.35	<0.38	<0.38	<0.38	<0.38	<0.38	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Chloroethane	5	<10	<5.0	<1.0	<5	<5	<0.76	<0.76	<0.76	<2.8	<2.8	<2.8	<2.8	<2.8	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Chloroform	7	<10	0.44 J	0.72 J	<5	<5	<0.36	<0.36	<0.36	<0.42	<0.42	<0.42	<0.42	1.9J	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Chloromethane	5	<10	<5.0	<1.0	<5	<5	<0.89	<0.89	<0.89	<0.41	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
cis-1,2-Dichloroethylene (ethylene)	5	---	<5.0	0.70 J	<1	<1	<0.96	<0.96	<0.96	<0.43	<0.43	<0.43	<0.43	<0.43	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
cis-1,3-Dichloropropylene (propene)	0.4	<10	<5.0	<0.50	<1	<1	<0.35	<0.35	<0.35	<0.41	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Dibromochloromethane	50 (GV)	<10	<5.0	<1.0	<1	<1	<0.67	<0.67	<0.67	<0.39	<0.39	<0.39	<0.39	<0.39	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Dichlorodifluoromethane	5	---	---	---	<1	<1	<0.83	<0.83	<0.83	<0.35	<0.35	<0.35	<0.35	<0.35	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Ethylbenzene	5	<10	<5.0	<1.0	<5	<5	<0.35	<0.35	<0.35	<0.25	<0.25	<0.25	<0.25	<0.25	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Isopropylbenzene	5	---	---	<1.0	<1	<1	<0.39	<0.39	<0.39	<0.63	<0.63	<0.63	<0.63	<0.63	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Methyl t-butyl ether (MTBE)	10	---	---	<1.0	<1	<1	<0.38	<0.38	<0.38	<0.53	<0.53	<0.53	<0.53	<0.53	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Methylene Chloride	5	<10	<5.0	0.10 J	<3	<3	6.9J,B	2.6J,B	8.2J,B	11B	<2.4	<2.4	3.2J	<2.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2.5
Naphthalene	10	---	---	<1.0	---	---	---	---	---	<1.2	<1.2	<1.2	<1.2	<1.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	---
n-Butylbenzene	5	---	---	---	---	---	---	---	---	<0.3	<0.3	<0.3	<0.3	<0.3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	---
n-Propylbenzene	5	---	---	<1.0	---	---	---	---	---	<0.54	<0.54	<0.54	<0.54	<0.54	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	---
n-Xylene	5 (total)	---	<5.0	<1.0	<1	<1	<0.5	<0.50	<0.50	<0.21	<0.21	<0.21	<0.21	<0.21	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	---
p- & m- Xylenes	5 (total)	---	<5.0	<1.0	<1	<1	<0.55	<0.55	<0.55	<0.22	<0.22	<0.22	<0.22	<0.22	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
sec-Butylbenzene	5	---	---	---	---	---	---	---	---	<0.59	<0.59	<0.59	<0.59	<0.59	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	---
Styrene	5	<10																						

Table 1B
Summary of Volatile Organic Compound Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern: Sample Location: Sample I.D.: Sampling Date:	AOC-1																								
	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5	SB-5			
	286040521-39	980081024-02	788090930-01	788090730-02	788100630-03	753110330-10	788110714-12	1148111031-03	788120104-02	788120424-07	1177120710-09	1177121024-14	1177130207-23	984130521-11	788130829-12	1195140605-03	1252150226-02	1252151130-14	1313160825-17	1347171128-17	1514190220-02	1611200813-03	L2154524-07		
TOGS 1.1.1 GA	5/21/2004	1/24/2008	7/30/2009	7/30/2009	6/30/2010	3/30/2011	7/14/2011	11/1/2011	1/4/2012	4/24/2012	7/10/2012	10/24/2012	2/7/2013	5/21/2013	8/29/2013	6/5/2014	2/26/2015	11/30/2015	8/25/2016	11/28/2017	2/20/2019	8/13/2020	10/6/2021		
CONSTITUENT																									
Volatiles (ug/l)																									
1,1,1-Trichloroethane	5	<10	0.21 J	<10	<10	<10	<50	<50	<0.95	<4.8	<9.5	<0.23	<0.23	<5.6	<0.23	<0.45	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
1,1,2,2-Tetrachloroethane	5	<10	<5.0	<5.0	<5.0	<5.0	<10	<10	<0.57	<2.8	<5.7	<0.59	<0.59	<15	<0.59	<1.2	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	
1,1,2-Trichloro-1,2,2-trifluoroethane	5	---	---	---	---	---	---	---	<0.6	<3.0	<6.0	<0.34	<0.34	<8.5	<0.34	<0.68	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
1,1,2-Trichloroethane	1	<10	<5.0	<10	<10	<30	<30	<0.61	<3.0	<6.1	<1.3	<6.1	<3.2	<6.1	<3.2	<2.6	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<1.5	
1,1-Dichloroethane	5	<10	<5.0	<10	<10	<10	<50	<0.69	<3.4	<6.9	<0.42	<0.42	<10	<0.42	<0.83	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
1,1-Dichloroethylene (-ethene)	5	<10	0.26 J	<10	<10	<10	<10	<1.3	<6.6	<13	<0.52	<0.52	<13	<0.52	<1.0	<2	<4	0.4 J	0.27 J	0.3 J	0.4 J	0.43 J	0.56 J		
1,2,4-Trichlorobenzene	5	---	---	---	---	<10	<10	<0.48	6.9 J,D	<4.8	<0.91	<0.91	<23	<0.91	<1.8	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
1,2,4-Trimethylbenzene	5	---	---	<10	<10	<1.0	---	---	---	---	<0.41	<0.41	<10	<0.41	<0.81	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
1,2-Dibromo-3-chloropropane	0.04	---	---	---	---	<10	<10	<1.3	<6.6	<13	<0.98	<0.98	<25	<0.98	<2.0	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
1,2-Dibromoethane	0.0006	---	---	---	---	---	---	<0.68	<3.4	<6.8	<0.44	<0.44	<11	<0.44	<0.88	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
1,2-Dichloroethane	0.6	<10	---	<10	<10	<6.0	<20	<0.65	<3.2	<6.5	<0.36	<0.36	<9	<0.36	<0.72	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
1,2-Dichloropropane	1	<10	---	<10	<10	<10	<10	<0.22	<1.1	<2.2	<0.23	<0.23	<5.6	<0.23	<0.45	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
1,3,5-Trimethylbenzene	5	---	---	---	---	---	---	---	---	---	---	---	<12	<0.48	<0.95	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
2-Butanone (MEK)	50 (GV)	110E	510	310	300D	<10	<50	330	350	450D	360D	400	340	570D	290D	290D	270D	410D	190E	380D	480D	380D	<0.2	26	
2-Hexanone	50 (GV)	<10	6.1 J	<10	<10	14	<50	18	23	30D	20 J,D	29	28	51 J,D	22	21D	22D	28D	15	48	37	22D	33D	<0.2	6
4-Methyl-2-pentanone	NA	---	26	28	30	38	<50	<10	35	52D	<56	52	53	441D	<0.86	45D	40D	48D	22	59	48	81D	<0.2	67	
Acetone	50 (GV)	35	<50	220	290	490	<50	630	330B	130B-Dil	410B,D	201B	430	1700BD	420D	320D	380D	530D	310E	780D	1100D	590D	1200E	67	
Benzene	1	<10	<5.0	<10	<10	<7.0	<7	<0.48	<2.4	<4.8	0.89 J	1.2 J	<7.5	<0.3	<0.60	<2	<4	1.1	1.2	1.4	0.54 J,D	0.72	0.86		
Bromodichloromethane	50 (GV)	---	<5.0	<5.0	<5.0	<10	<10	<0.62	<3.1	<6.2	<0.41	<0.41	<10	<0.41	<0.81	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
Bromoform	50 (GV)	<10	<5.0	<10	<10	<50	<50	<0.58	<2.9	<5.8	<0.58	<0.58	<14	<0.58	<1.2	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
Bromomethane	5	<10	<5.0	<10	<10	<10	<10	<1.2	<6.2	<12	<2	<2	<4.9	<2	<3.9	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
Carbon Disulfide	NA	<10	<10	<10	<10	<6.4	<10	<0.64	<3.2	<6.4	<0.51	<0.51	<13	<0.51	<1.0	<2	<4	0.42 J	0.36 J	0.32 J	0.4 J	0.4 J	0.5 J		
Carbon Tetrachloride	5	<10	<5.0	<10	<10	<10	<10	<1	<5.2	<10	<0.56	<0.56	<14	<0.56	<1.1	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
Chlorobenzene	5	<10	<5.0	<10	<10	<10	<50	<0.35	<1.8	<3.5	<0.38	<0.38	<9.5	<0.38	<0.76	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
Chloroethane	5	<10	<5.0	<10	<10	<10	<50	<0.76	<3.8	<7.6	<2.8	<2.8	<7.0	<2.8	<5.6	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
Chloroform	7	5 J	7.7	9.6 J	9.8 J	11	<50	9.0	13 J,D	11 J,D	11	9.9	<10	14	6.7 J,D	4.8 J,D	5.4 J,D	7.3	8.6	8.1	2.4 J	<0.2	<0.2	<2.5	
Chloromethane	5	<10	1.0 J	<10	<10	<10	<50	<0.89	<4.4	<8.9	<0.41	<0.41	<10	<0.41	<0.83	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
cis-1,2-Dichloroethylene (-ethene)	5	---	7.3	8.3 J	8.0 J	8.3 J	<10	<10	6.3	8.2 J,D	<9.6	8.2	<0.43	<11	5.7	5.5 J,D	5.3 D	5.6 J,D	6.8	7.7	7.500	3.8 D	5.8	26	
cis-1,3-Dichloropropylene (-propene)	0.4	<10	<5.0	<5.0	<5.0	<10	<10	<0.35	<1.8	<3.5	<0.41	<0.41	<10	<0.41	<0.82	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
Dibromochloromethane	50 (GV)	<10	<5.0	<10	<10	<10	<10	<0.67	<3.4	<6.7	<0.39	<0.39	<9.8	<0.39	<0.78	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
Dichlorodifluoromethane	5	---	---	---	---	<10	<10	<0.83	<4.2	<8.3	<0.35	<0.35	<8.8	<0.35	<0.71	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
Ethylbenzene	5	<10	<5.0	<10	<10	<10	<50	<0.35	<1.8	<3.5	<0.25	<0.25	<6.3	<0.25	<0.50	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
Isopropylbenzene	5	---	---	<10	<10	<10	<10	<0.39	<2.0	<3.9	<0.63	<0.63	<16	<0.63	<1.3	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
Methyl t-butyl ether (MTBE)	10	---	---	<10	<10	<10	<10	<0.38	<1.9	<3.8	<0.53	<0.53	<13	<0.53	<1.1	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
Methylene Chloride	5	2 J	2.6 J	7.1 J,S	8.7 J,S	5.1	<30	<30	8.1 J,B	3.8 J,B-Dil	170B,D	9.5 J,B	2.6 J	<60	6.2 J	<4.8	<10	<20	2.3	3	5	2.3 J,D	3.8	5	
Naphthalene	10	---	<10	<10	<10	<10	<10	---	---	---	---	---	<1.2	<30	<1.2	<2.4	<10	<20	<1	1.3 J	<1	<2	<1	<2	
n-Butylbenzene	5	---	---	---	---	<10	<10	---	---	---	---	---	<7.5	<0.3	<0.60	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
n-Propylbenzene	5	---	<10	<10	<10	<10	<10	---	---	---	---	---	<0.54	<13	<0.54	<1.1	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
n-Xylene	5 (total)	---	<5.0	<10	<10	<10	<10	<0.5	<2.5	<5.0	<0.21	<0.21	<5.3	<0.21	<0.42	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
p- & m- Xylenes	5 (total)	---	<5.0	<10	<10	<10	<10	<0.55	<2.8	16 J,D	<0.22	<0.53	<13	<0.53	<1.1	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
sec-Butylbenzene	5	---	---	---	---	<10	<10	---	---	---	---	---	<15	<0.59	<1.2	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
Styrene	5	<10	<5.0	<10	<10	<10	<10	<0.43	<2.2	<4.3	<0.53	<0.53	<22	<0.53	<1.0	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
T-butylbenzene	5	---	---	---	---	<10	<10	---	---	---	---	---	<36	<1.4	<2.8	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
Tetrachloroethylene (-ethene)	5	15	14	54	46	42	97	57	60	89D	51D	33	40	24 J,D	32	32D	35D	37D	80	63	77	23D	66	45	
Toluene	5	<10	<5.0	<10	<10	<50	<50	<0.23	<1.2	<2.3	<0.17	<0.17	<4.2	<0.17	<0.34	<2	<4	0.85	0.66	0.79	<0.4	0.59	<0.2	<2.5	
trans-1,2-Dichloroethylene (-ethene)	5	---	<5.0	<10	<10	<10	<50	<0.65	<3.2	<6.5	<0.52	<0.52	<13	<0.52	<1.0	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
trans-1,3-Dichloropropylene (-propene)	0.4	<10	<5.0	<5.0	<5.0	<10	<10	<0.68	<3.4	<6.8	<0.67	<0.67	<17	<0.67	<1.3	<2	<4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	
Trichloroethylene (-ethene)	5	22	33.0 J	56	50	43	65	45	43	61D	39 J,D	42	53												

Table 1B
Summary of Volatile Organic Compound Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-2																				
	Sample Location:	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37	
Sample I.D.:	286040521-38	788090729-03	788100629-02	753110329-03	788110713-02	1148111031-12	788120103-12	788120423-12	1177120710-04	117712024-07	1177130206-04	984130521-08	788130829-08	1195140606-17	1252150225-03	1252151130-03	1313160825-08	1347171128-06	1514190221-04	1611200814-04	12154524-13
Sampling Date:	5/21/2004	7/29/2009	6/29/2010	3/29/2011	7/13/2011	10/31/2011	1/3/2012	4/23/2012	7/10/2012	10/24/2012	2/6/2013	5/21/2013	8/29/2013	6/6/2014	2/25/2015	11/30/2015	8/25/2016	11/28/2017	2/21/2019	8/14/2020	10/6/2021
TOGS 1.1.1 GA																					
CONSTITUENT																					
Volatiles (ug/l)																					
1,1,1-Trichloroethane	5	8J	0.92J	1.5	<5	<5	<0.95	<0.95	<0.95	<0.23	<0.23	<0.23	<0.23	<0.23	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,2,2-Tetrachloroethane	5	<10	<0.50	<1.0	<1	<1	<0.57	<0.57	<0.57	<0.59	<0.59	<0.59	<0.59	<0.59	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,2-Trichloro-1,2,2-trifluoroethane	5	---	---	---	---	---	<0.6	<0.60	<0.60	<0.34	<0.34	<0.34	<0.34	<0.34	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,2-Trichloroethane	1	<10	<1.0	<1.0	<3	<3	<0.61	<0.61	<0.61	<1.3	<1.3	<1.3	<1.3	<1.3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1.5
1,1-Dichloroethane	5	4J	7.1	9.2	9.3	5.2	7.8	7.3	4.8J	4.1J	5.7	2.9J	3.2J	3.3J	4.2	2.6	4.1	2.3	1.4	1.9	<0.5
1,1-Dichloroethylene (ethene)	5	6J	1	2.6	1.1	<1	<1.3	3.8J	1.9J	<0.52	0.82J	1.9J	<0.52	1.2	<0.2	0.43J	0.8	0.92	0.39J	0.42J	0.36J
1,2,4-Trichlorobenzene	5	---	---	---	<1	<1	<0.48	<0.48	<0.48	<0.91	<0.91	<0.91	<0.91	<0.91	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2,4-Trimethylbenzene	5	---	---	<1.0	---	---	---	---	---	<0.41	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	---
1,2-Dibromo-3-chloropropane	0.04	---	---	---	<1	<1	<1.3	<1.3	<1.3	<0.98	<0.98	<0.98	<0.98	<0.98	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2-Dibromoethane	0.0006	---	---	---	---	---	<0.68	<0.68	<0.68	<0.44	<0.44	<0.44	<0.44	<0.44	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2
1,2-Dichloroethane	0.6	<10	<1.0	<1.0	<2	<2	<0.65	<0.65	<0.65	<0.36	<0.36	<0.36	<0.36	<0.36	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
1,2-Dichloropropane	1	<10	<1.0	<1.0	<1	<1	<0.22	<0.22	<0.22	<0.23	<0.23	<0.23	<0.23	<0.23	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1
1,3,5-Trimethylbenzene	5	---	---	---	---	---	---	---	---	<0.48	<0.48	<0.48	<0.48	<0.48	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2
2-Butanone (MEK)	50 (GV)	<10	<1.0	<1.0	<1	<1	<2.6	<2.6	<2.6	<1.5	<1.5	<1.5	<1.5	<1.5	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
2-Hexanone	50 (GV)	<10	<1.0	<1.0	<1	<1	<0.87	<0.87	<0.87	<1.1	<1.1	<1.1	<1.1	<1.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
4-Methyl-2-pentanone	NA	<10	<1.0	<1.0	<1	<1	<5.6	<5.6	<5.6	<0.86	<0.86	<0.86	<0.86	<0.86	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Acetone	50 (GV)	<10	0.84J	1.1	<1	<1	<3.1	<6.1	6.4J	<6.1	<6.1	<6.1	<6.1	<6.1	<1	<1	<1	<1	<1	<1	<5
Benzene	1	<10	<1.0	<0.7	<0.7	<0.7	<0.48	<0.48	<0.48	<0.3	<0.30	<0.3	<0.30	<0.30	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Bromodichloromethane	50 (GV)	---	<0.50	<0.50	<1	<1	<0.62	<0.62	<0.62	<0.41	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Bromoform	50 (GV)	<10	<1.0	<1.0	<5	<5	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2
Bromomethane	5	<10	<1.0	<1.0	<5	<5	<1.2	<1.2	<1.2	<2	<2	<2	<2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Carbon Disulfide	NA	<10	<1.0	<1.0	<1	<1	1.6J	<0.64	<0.64	<0.51	<0.51	1.6J	<0.51	<0.51	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<5
Carbon Tetrachloride	5	<10	<1.0	<1.0	<1	<1	<1	<1	<1	<0.56	<0.56	<0.56	<0.56	<0.56	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Chlorobenzene	5	<10	<1.0	<1.0	<5	<5	<0.35	<0.35	<0.35	<0.38	<0.38	<0.38	<0.38	<0.38	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Chloroethane	5	<10	<1.0	<1.0	<5	<5	<0.76	<0.76	1.3J	<2.8	<2.8	<2.8	<2.8	<2.8	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Chloroform	7	<10	0.15J	0.15	<5	<5	<0.36	<0.36	<0.36	<0.42	<0.42	<0.42	<0.42	<0.42	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Chloromethane	5	<10	<1.0	<1.0	<5	<5	<0.89	<0.89	<0.89	<0.41	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
cis-1,2-Dichloroethylene (ethene)	5	---	34D	190	53	32	48	37	11	12	6.8	7.1	17	4.4J	40	6.3	12	15	7.6	3.3	5.6
cis-1,3-Dichloropropylene (-propene)	0.4	<10	<0.50	<0.50	<1	<1	<0.35	<0.35	<0.35	<0.41	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Dibromochloromethane	50 (GV)	<10	<1.0	<1.0	<1	<1	<0.67	<0.67	<0.67	<0.39	<0.39	<0.39	<0.39	<0.39	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Dichlorodifluoromethane	5	---	---	---	<1	<1	<0.83	<0.83	<0.83	<0.35	<0.35	<0.35	<0.35	<0.35	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<5
Ethylbenzene	5	<10	<1.0	<1.0	<5	<5	<0.35	<0.35	<0.35	<0.25	<0.25	<0.25	<0.25	<0.25	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Isopropylbenzene	5	---	<1.0	<1.0	<1	<1	<0.39	<0.39	<0.39	<0.63	<0.63	<0.63	<0.63	<0.63	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Methyl t-butyl ether (MTBE)	10	---	0.16J	<1.0	<1	<1	<0.38	<0.38	<0.38	<0.53	<0.53	<0.53	<0.53	<0.53	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Methylene Chloride	5	<10	---	<1.0	<3	<3	3.6J	3.5J	4.5J	7.7J	<2.4	<2.4	<2.4	<2.4	<1	<1	<1	<1	<1	<1	<2.5
Naphthalene	10	---	<1.0	<1.0	---	---	---	---	---	<1.2	<1.2	<1.2	<1.2	<1.2	<1	<1	<1	<1	<1	<1	<1
n-Butylbenzene	5	---	---	---	---	---	---	---	---	<0.3	<0.3	<0.3	<0.30	<0.30	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2
n-Propylbenzene	5	---	<1.0	<1.0	---	---	---	---	---	<0.54	<0.54	<0.54	<0.54	<0.54	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2
n-Xylene	5 (total)	---	<1.0	<1.0	<1	<1	<0.5	<0.50	<0.50	<0.21	<0.21	<0.21	<0.21	<0.21	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2
p- & m- Xylenes	5 (total)	---	<1.0	<1.0	<1	<1	<0.55	<0.55	<0.55	<0.22	<0.22	<0.22	<0.22	<0.22	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
sec-Butylbenzene	5	---	---	---	---	---	---	---	---	<0.59	<0.59	<0.59	<0.59	<0.59	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2
Styrene	5	<10	<1.0	<1.0	<1	<1	<0.43	<0.43	<0.43	<0.53	<0.53	<0.53	<0.53	<0.53	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
t-Butylbenzene	5	---	---	---	---	---	---	---	---	<1.4	<1.4	<1.4	<1.4	<1.4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2
Tetrachloroethylene (ethene)	5	130D	28D	81	7.7	2	1.3J	5.4	<0.52	1J	<0.41	<0.41	0.97J	<0.41	1.4	0.21J	0.56	1.2	6.8	7.4	6.8
Toluene	5	<10	<1.0	<1.0	<5	<5	<0.23	<0.23	<0.23	<0.17	<0.17	<0.17	<0.17	<0.17	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
trans-1,2-Dichloroethylene (ethene)	5	---	0.42J	1	<5	<5	<0.65	0.93J	<0.65	<0.52	<0.52	<0.52	<0.52	<0.52	0.3J	<0.2	<0.2	0.22J	0.36J	0.31J	0.3J
trans-1,3-Dichloropropylene (-propene)	0.4	<10	<0.50	<0.50	<1	<1	<0.68	<0.68	<0.68	<0.67											

Table 1B
Summary of Volatile Organic Compound Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-4																								
	Sample Location:	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30	SB-30			
Sample I.D.:	286040517-06	788100629-06	788100629-07	753110329-02	788110713-01	1148111031-09	788120103-11	788120423-11	1177120710-05	1177121024-09	1177130207-13	984130521-17	788130829-18	1195140605-09	1195140605-10	1252150225-04	1252151130-09	1313160825-10	1347171128-08	1347171128-09	1514190221-09	1611200813-09	12154524-05		
Sampling Date:	5/17/2004	6/29/2010	6/29/2010	3/29/2011	7/13/2011	10/31/2011	1/3/2012	4/23/2012	7/10/2012	10/24/2012	2/7/2013	5/21/2013	8/29/2013	6/5/2014	6/5/2014	2/25/2015	11/30/2015	8/25/2016	11/28/2017	11/28/2017	2/21/2019	8/13/2020	10/6/2021		
CONSTITUENT	TOGS 1.1.1 GA	Duplicate		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate			
Volatiles Organics (ug/l)																									
1,1,1-Trichloroethane	5	44	0.33 J	0.35 J	<5	<10	<0.95	<0.95	<0.95	<0.23	<0.23	<0.23	<0.23	<0.23	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<2.5	
1,1,2,2-Tetrachloroethane	5	<10	<1.0	<1.0	<1	<2	<0.57	<0.57	<0.57	<0.59	<0.59	<0.59	<0.59	<0.59	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.5	
1,1,2-Trichloro-1,2,2-trifluoroethane	5	---	---	---	---	---	<0.6	<0.60	<0.60	<0.34	<0.34	<0.34	<0.34	<0.34	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<2.5	
1,1,2-Trichloroethane	1	<10	<1.0	<1.0	<3	<6	<0.61	<0.61	<0.61	<1.3	<1.3	<1.3	<1.3	<1.3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<1.5	
1,1-Dichloroethane	5	11	13	13	8.8	<10	3.4J	3.4J	2.2J	3.1J	<0.42	4.3J	3.8J	3.0J	0.34J	0.34J	2	2.3	2.6	1.1	1.1	0.72	<0.4	<0.5	
1,1-Dichloroethylene (-ethene)	5	<10	4	4	3.2	<2	1.4J	<1.3	<1.3	<0.52	<0.52	<0.52	<0.52	<0.52	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.5	
1,2,4-Trichlorobenzene	5	---	---	---	<1	<2	<0.48	<0.48	<0.48	1J	<0.91	<0.91	<0.91	<0.91	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<2.5	
1,2,4-Trimethylbenzene	5	---	<10	<10	---	---	---	---	---	---	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	---	
1,2-Dibromo-3-chloropropane	0.04	---	---	---	<1	<2	<1.3	<1.3	<1.3	<0.98	<0.98	<0.98	<0.98	<0.98	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<2.5	
1,2-Dibromochloroethane	0.0006	---	---	---	---	---	<0.68	<0.68	<0.68	<0.44	<0.44	<0.44	<0.44	<0.44	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<2	
1,2-Dichloroethane	0.6	<10	<1.0	<1.0	<2	<4	<0.65	<0.65	<0.65	<0.36	<0.36	<0.36	<0.36	<0.36	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.5	
1,2-Dichloropropane	1	<10	<1.0	<1.0	<1	<2	<0.22	<0.22	<0.22	<0.23	<0.23	<0.23	<0.23	<0.23	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<1	
1,3,5-Trimethylbenzene	5	---	---	---	---	---	---	---	---	---	<0.48	<0.48	<0.48	<0.48	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	---	
2-Butanone (MEK)	50 (GV)	<10	<1.0	<1.0	<1	<2	<2.6	<2.6	8.5J	4.1J	<1.5	2.8J	<1.5	<1.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<5	
2-Hexanone	50 (GV)	<10	<1.0	<1.0	<1	<2	<0.87	<0.87	1.3J	<1.1	<1.1	<1.1	<1.1	<1.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<5	
4-Methyl-2-pentanone	NA	<10	<1.0	<1.0	<1	<2	<5.6	<5.6	<5.6	<0.86	<0.86	<0.86	<0.86	<0.86	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<5	
Acetone	50 (GV)	<10	<1.7	1.4	<1	<2	<3.1	7.4J,B	7.4J,B	7.6J,B	<6.1	<6.1	<6.1	<6.1	<1	1.7J,B	1.1J,B	<1	1.9J	2	<1	13D	<5		
Benzene	1	<10	<0.7	0.6	<0.7	<1.4	<0.48	<0.48	<0.48	<0.3	<0.30	<0.3	<0.3	<0.30	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.21J	0.27J	<0.2	<0.4	
Bromodichloromethane	50 (GV)	---	<0.50	<0.50	<1	<2	<0.62	<0.62	<0.62	<0.41	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.5	
Bromoform	50 (GV)	<10	<1.0	<1.0	<5	<10	<0.58	<0.58	<0.58	<0.38	<0.38	<0.38	<0.38	<0.38	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<2	
Bromochloroethane	5	<10	<1.0	<1.0	<5	<10	<1.2	<1.2	<1.2	<2	<2	<2	<2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<2.5	
Carbon Disulfide	NA	<10	0.12	<1	<1	<2	<0.64	<0.64	<0.64	<0.51	<0.51	<0.51	<0.51	<0.51	<0.2	<0.2	<0.2	<0.2	<0.2	0.20J	<0.2	<0.2	<0.4	<5	
Carbon Tetrachloride	5	<10	<1.0	<1.0	<1	<2	<1	<1.0	<1.0	<0.56	<0.56	<0.56	<0.56	<0.56	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.5	
Chlorobenzene	5	<10	<1.0	<1.0	<5	<10	<0.35	<0.35	<0.35	<0.38	<0.38	<0.38	<0.38	<0.38	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<2.5	
Chloroethane	5	<10	<1.0	<1.0	<5	<10	<0.76	<0.76	<0.76	<2.8	<2.8	<2.8	<2.8	<2.8	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.52	<0.2	0.71J	<0.4	
Chloroform	7	1.0J	0.2	0.21	<5	<10	<0.36	<0.36	<0.36	<0.42	<0.42	<0.42	<0.42	<0.42	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<2.5	
Chloromethane	5	<10	<1.0	<1.0	<5	<10	<0.89	<0.89	<0.89	<0.41	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<2.5	
cis-1,2-Dichloroethylene (-ethene)	5	---	230	240	100	69	120	47	7.5	5.1	<0.43	3.3J	7.2	1.2J	1.5	1.5	0.21J	0.22J	<0.2	<0.2	<0.2	<0.2	0.49J	<0.4	0.86J
cis-1,3-Dichloropropylene (-propene)	0.4	<10	<0.50	<0.50	<1	<2	<0.35	<0.35	<0.35	<0.41	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.5	
Dibromochloromethane	50 (GV)	<10	<1.0	<1.0	<1	<2	<0.67	<0.67	<0.67	<0.39	<0.39	<0.39	<0.39	<0.39	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.5	
Dichlorodifluoromethane	5	---	---	---	<1	<2	<0.83	<0.83	<0.83	<0.35	<0.35	<0.35	<0.35	<0.35	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<5	
Ethylbenzene	5	<10	<1.0	<1.0	<5	<10	<0.35	<0.35	<0.35	<0.25	<0.25	<0.25	<0.25	<0.25	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<2.5	
Isopropylbenzene	5	---	<1.0	<1.0	<1	<2	<0.39	<0.39	<0.39	<0.63	<0.63	<0.63	<0.63	<0.63	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<2.5	
Methyl t-butyl ether (MTBE)	10	---	<1.0	<1.0	<1	<2	<0.38	<0.38	<0.38	<0.53	<0.53	<0.53	<0.53	<0.53	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<2.5	
Methylene Chloride	5	<10	0.11	0.13	<3	<6	5.3J,B	4.9J,B	5.0J,B	7.2J,B	<2.4	<2.4	<2.4	<2.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	
Naphthalene	10	---	<1.0	<1.0	---	---	---	---	---	<1.2	<1.2	<1.2	<1.2	<1.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	
n-Butylbenzene	5	---	---	---	---	---	---	---	---	<0.3	<0.3	<0.3	<0.30	<0.3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	---	
n-Propylbenzene	5	---	<1.0	<1.0	---	---	---	---	---	<0.54	<0.54	<0.54	<0.54	<0.54	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	---	
n-Xylene	5 (total)	---	<1.0	<1.0	<1	<2	<0.5	<0.50	<0.50	<0.21	<0.21	<0.21	<0.21	<0.21	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	---	
p- & m- Xylenes	5 (total)	---	<1.0	<1.0	<1	<2	<0.55	<0.55	<0.55	<0.22	<0.22	<0.22	<0.22	<0.22	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<2.5	
sec-Butylbenzene	5	---	---	---	---	---	---	---	---	<0.59	<0.59	<0.59	<0.59</												

Table 1B
Summary of Volatile Organic Compound Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-5																					
	Sample Location:	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1		
Sample I.D.:	286040521-43	788100630-06	788100628-03	753110330-15	788110714-18	114811031-08	788120103-10	788120423-09	1177120709-10	1177121024-10	1177130207-19	984130521-16	788130829-17	1195140605-08	1252150225-05	1252151130-11	1313160825-11	1347171128-10	1514190220-09	1611200813-08	12154524-09	
Sampling Date:	5/21/2004	6/30/2010	6/28/2010	3/30/2011	7/14/2011	10/31/2011	1/3/2012	4/23/2012	7/9/2012	10/24/2012	2/7/2013	5/21/2013	8/29/2013	6/5/2014	2/25/2015	11/30/2015	8/25/2016	11/28/2017	2/20/2019	8/13/2020	10/6/2021	
TOGS 1.1.1 GA																						
CONSTITUENT	TOGS 1.1.1 GA	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	
Volatiles Organics (ug/l)																						
1,1,1-Trichloroethane	5	31	---	8.8	<5	<5	1.7J	1.0J	2.2J	1.6J	<0.23	<0.23	<0.23	3.3J	<0.2	0.41J	<0.2	<0.2	0.43J	<0.2	0.3J	<2.5
1,1,2,2-Tetrachloroethane	5	<10	---	<0.50	<1	<1	<0.57	<0.57	<0.57	<0.59	<0.59	<0.59	<0.59	<0.59	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
1,1,2-Trichloro-1,2,2-trifluoroethane	5	---	---	---	---	---	<0.6	<0.60	<0.60	<0.34	<0.34	<0.34	<0.34	<0.34	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
1,1,2-Trichloroethane	1	<10	---	<1.0	<3	<3	<0.61	<0.61	<0.61	<1.3	<1.3	<1.3	<1.3	<1.3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1.5
1,1-Dichloroethane	5	4J	---	3.4	<5	<5	1.6J	3.1J	2.4J	1J	<0.42	<0.42	<0.42	<0.42	<0.2	<0.2	<0.2	<0.2	0.24J	0.25J	1	<0.5
1,1-Dichloroethylene (ethylene)	5	3J	---	0.90J	<1	<1	<1.3	<1.3	<1.3	<0.52	<0.52	<0.52	<0.52	<0.52	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
1,2,4-Trichlorobenzene	5	---	---	---	<1	<1	<0.48	<0.48	<0.48	<0.91	<0.91	<0.91	<0.91	<0.91	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
1,2,4-Trimethylbenzene	5	---	---	<1.0	---	---	---	---	---	<0.41	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	---
1,2-Dibromo-3-chloropropane	0.04	---	---	---	<1	<1	<1.3	<1.3	<1.3	<0.98	<0.98	<0.98	<0.98	<0.98	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
1,2-Dibromoethane	0.0006	---	---	---	---	---	<0.68	<0.68	<0.68	<0.44	<0.44	<0.44	<0.44	<0.44	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2
1,2-Dichloroethane	0.6	<10	---	<0.6	<2	<2	<0.65	<0.65	<0.65	<0.36	<0.36	<0.36	<0.36	<0.36	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
1,2-Dichloropropane	1	<10	---	<1.0	<1	<1	<0.22	<0.22	<0.22	<0.23	<0.23	<0.23	<0.23	<0.23	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1
1,3,5-Trimethylbenzene	5	---	---	---	---	---	---	---	---	<0.48	<0.48	<0.48	<0.48	<0.48	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2
2-Butanone (MEK)	50 (GV)	<10	---	<1.0	<1	<1	<2.6	<2.6	<2.6	<1.5	<1.5	<1.5	<1.5	<1.5	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<5
2-Hexanone	50 (GV)	<10	---	<1.0	<1	<1	<0.87	<0.87	<0.87	<1.1	<1.1	<1.1	<1.1	<1.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<5
4-Methyl-2-pentanone	NA	<10	---	<1.0	<1	<1	<5.6	<5.6	<5.6	<0.86	<0.86	<0.86	<0.86	<0.86	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<5
Acetone	50 (GV)	<10	---	1.4	<1	<1	4.9J,B	8.4J,B	6.1	<6.1	<6.1	<6.1	<6.1	1.4J,B	<1	<1	2.7B	1.2J	<1	<1	<1	3.8J
Benzene	1	<10	---	<0.7	<0.7	<0.7	<0.48	<0.48	<0.48	<0.3	<0.30	<0.3	<0.30	<0.30	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Bromodichloromethane	50 (GV)	---	---	<0.50	<1	<1	<0.62	<0.62	<0.62	<0.41	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Bromoform	50 (GV)	<10	---	<1.0	<5	<5	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2
Bromomethane	5	<10	---	<1.0	<5	<5	<1.2	<1.2	<1.2	<2	<2	<2	<2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Carbon Disulfide	NA	<10	---	<1.0	<1	<1	<0.64	<0.64	<0.64	<0.51	<0.51	<0.51	<0.51	<0.51	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<5
Carbon Tetrachloride	5	<10	---	<1.0	<1	<1	<1.0	<1.0	<1.0	<0.56	<0.56	<0.56	<0.56	<0.56	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Chlorobenzene	5	<10	---	<1.0	<5	<5	<0.35	<0.35	<0.35	<0.38	<0.38	<0.38	<0.38	<0.38	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Chloroethane	5	<10	---	<1.0	<5	<5	<0.76	<0.76	<0.76	<2.8	<2.8	<2.8	<2.8	<2.8	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.38J	<2.5
Chloroform	7	<10	---	0.24J	<5	<5	<0.36	<0.36	<0.36	<0.42	<0.42	<0.42	<0.42	<0.42	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.55
Chloromethane	5	<10	---	<1.0	<5	<5	<0.89	<0.89	<0.89	<0.41	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
cis-1,2-Dichloroethylene (ethylene)	5	---	---	54	7	37	29	27	55	26	5.3	1.6J	3.4J	25	1.9	4.9	0.51	0.27J	4.3	1.4	9	1.4J
cis-1,3-Dichloropropylene (propene)	0.4	<10	---	<0.50	<1	<1	<0.35	<0.35	<0.35	<0.41	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Dibromochloromethane	50 (GV)	<10	---	<1.0	<1	<1	<0.67	<0.67	<0.67	<0.39	<0.39	<0.39	<0.39	<0.39	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Dichlorodifluoromethane	5	---	---	---	<1	<1	<0.83	<0.83	<0.83	<0.35	<0.35	<0.35	<0.35	<0.35	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<5
Ethylbenzene	5	<10	---	<1.0	<5	<5	<0.35	<0.35	<0.35	<0.25	<0.25	<0.25	<0.25	<0.25	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Isopropylbenzene	5	---	---	<1.0	<1	<1	<0.39	<0.39	<0.39	<0.63	<0.63	<0.63	<0.63	<0.63	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Methyl t-butyl ether (MTBE)	10	---	---	0.3J	<1	<1	<0.38	0.89J	<0.38	<0.53	<0.53	<0.53	<0.53	<0.53	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Methylene Chloride	5	<10	---	<1.0	<3	<3	5.6J,B	3.8J,B	5.4J,B	7.2J,B	<2.4	<2.4	<2.4	<2.4	<1	<1	<1	<1	<1	<1	<1	<2.5
Naphthalene	10	---	---	0.11J	---	---	---	---	---	<1.2	<1.2	<1.2	<1.2	<1.2	<1	<1	<1	<1	<1	<1	<1	---
n-Butylbenzene	5	---	---	---	---	---	---	---	---	<0.3	<0.3	<0.3	<0.30	<0.30	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2
n-Propylbenzene	5	---	---	<1.0	---	---	---	---	---	<0.54	<0.54	<0.54	<0.54	<0.54	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.31J
n-Xylene	5 (total)	---	---	<1.0	<1	<1	<0.5	<0.50	<0.50	<0.21	<0.21	<0.21	<0.21	<0.21	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	---
p- & m- Xylenes	5 (total)	---	---	<1.0	<1	<1	<0.55	<0.55	<0.55	<0.53	<0.53	<0.53	<0.53	<0.53	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
sec-Butylbenzene	5	---	---	---	---	---	---	---	---	<0.59	<0.59	<0.59	<0.59	<0.59	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	---
Styrene	5	<10	---	<1.0	<1	<1	<0.43	<0.43	<0.43	<0.22	<0.22	<0.22	<0.22	<0.22	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
1-butylbenzene	5	---	---	---	---	---	---	---	---	<1.4	<1.4	<1.4	<1.4	<1.4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	---
Tetrachloroethylene (ethylene)	5	670D	---	69	<1	20	11	4.5J	6.0	3.9J	<0.41	<0.41	<0.41	8.2	<0.2	3	<0.2	<0.2	2	0.95	9.3	0.47J
Toluene	5	<10	---</																			

Table 1B
Summary of Volatile Organic Compound Groundwater Sampling Analytical Data
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Area of Concern:	AOC-6								
Sample Location:	SB-23	SB-23	SB-23	SB-23	SB-23	SB-23	SB-23	SB-23	SB-23
Sample I.D.:	788130829-11	1195140605-02	1252150226-05	1313160825-16	1347171128-16	1514190220-04	1611200813-01	12154524-11	
Sampling Date:	8/29/2013	6/5/2014	2/26/2015	8/25/2016	11/28/2017	2/20/2019	8/13/2020	10/5/2021	
CONSTITUENT	TOGS 1.1.1 GA								
Volatile Organics (ug/l)									
1,1,1-Trichloroethane	5	<0.23	---	<0.2	<0.2	<0.2	<0.4	<0.2	<2.5
1,1,2,2-Tetrachloroethane	5	<0.59	---	<0.2	<0.2	<0.2	<0.4	<0.2	<0.5
1,1,2-Trichloro-1,2,2-trifluoroethane	5	<0.34	---	<0.2	<0.2	<0.2	<0.4	<0.2	<2.5
1,1,2-Trichloroethane	1	<1.3	---	<0.2	<0.2	<0.2	<0.4	<0.2	<1.5
1,1-Dichloroethane	5	4.1J	---	0.81	1.5	2	2.4D	1.6	<0.5
1,1-Dichloroethylene (-ethene)	5	<0.52	---	<0.2	<0.2	<0.2	<0.4	<0.2	<0.5
1,2,4-Trichlorobenzene	5	<0.91	---	<0.2	<0.2	<0.2	<0.4	<0.2	<2.5
1,2,4-Trimethylbenzene	5	<0.41	---	<0.2	<0.2	<0.2	<0.4	<0.2	---
1,2-Dibromo-3-chloropropane	0.04	<0.98	---	<0.2	<0.2	<0.2	<0.4	<0.2	<2.5
1,2-Dibromoethane	0.0006	<0.44	---	<0.2	<0.2	<0.2	<0.4	<0.2	<2
1,2-Dichloroethane	0.6	<0.36	---	<0.2	<0.2	<0.2	<0.4	<0.2	<0.5
1,2-Dichloropropane	1	<0.23	---	<0.2	<0.2	<0.2	<0.4	<0.2	<1
1,3,5-Trimethylbenzene	5	<0.48	---	<0.2	<0.2	<0.2	<0.4	<0.2	---
2-Butanone (MEK)	50 (GV)	64	---	1.7	<0.2	1.1	2.4JD	<0.2	2J
2-Hexanone	50 (GV)	1.9J	---	<0.2	<0.2	<0.2	<0.4	<0.2	<5
4-Methyl-2-pentanone	NA	6.4J	---	4.9	1.6	1.5	3.9D	3	3.1J
Acetone	50 (GV)	86	---	6.2	4.1	5.3	10D	7.1	18
Benzene	1	<0.30	---	<0.2	<0.2	0.24J	<0.4	<0.2	<0.5
Bromodichloromethane	50 (GV)	<0.41	---	<0.2	<0.2	<0.2	<0.4	<0.2	<0.5
Bromoform	50 (GV)	<0.58	---	<0.2	<0.2	<0.2	<0.4	<0.2	<2
Bromomethane	5	<2.0	---	<0.2	<0.2	<0.2	<0.4	<0.2	<2.5
Carbon Disulfide	NA	1.3J	---	0.82	0.89	1.1	0.68JD	0.65	<5
Carbon Tetrachloride	5	<0.56	---	<0.2	<0.2	<0.2	<0.4	<0.2	<0.5
Chlorobenzene	5	<0.38	---	<0.2	<0.2	<0.2	<0.4	<0.2	<2.5
Chloroethane	5	<2.8	---	1.5	3.1	1.4	2.1JD	<0.2	<2.5
Chloroform	7	1.1J	---	0.63	0.66	<0.2	<0.4	0.37J	<2.5
Chloromethane	5	<0.41	---	<0.2	<0.2	<0.2	<0.4	<0.2	<2.5
cis-1,2-Dichloroethylene (-ethene)	5	1.9J	---	<0.2	0.44J	0.51	0.42JD	0.27J	<2.5
cis-1,3-Dichloropropylene (-propene)	0.4	<0.41	---	<0.2	<0.2	<0.2	<0.4	<0.2	<0.5
Dibromochloromethane	50 (GV)	<0.39	---	<0.2	<0.2	<0.2	<0.4	<0.2	<0.5
Dichlorodifluoromethane	5	<0.35	---	<0.2	<0.2	<0.2	<0.4	<0.2	<5
Ethylbenzene	5	<0.25	---	<0.2	<0.2	<0.2	<0.4	<0.2	<2.5
Isopropylbenzene	5	<0.63	---	<0.2	<0.2	<0.2	<0.4	<0.2	<2.5
Methyl t-butyl ether (MTBE)	10	<0.53	---	<0.2	<0.2	<0.2	<0.4	<0.2	<2.5
Methylene Chloride	5	<2.4	---	<1	<1	<1	<2	<1	<2.5
Naphthalene	10	<1.2	---	<1	<1	<1	<2	<1	---
n-Butylbenzene	5	<0.30	---	<0.2	<0.2	<0.2	<0.4	<0.2	---
n-Propylbenzene	5	<0.54	---	<0.2	<0.2	<0.2	<0.4	<0.2	---
n-Xylene	5 (total)	<0.21	---	<0.2	<0.2	<0.2	<0.4	<0.2	---
p- & m- Xylenes	5 (total)	<0.53	---	<0.5	<0.5	<0.5	<1	<0.5	<2.5
sec-Butylbenzene	5	<0.59	---	<0.2	<0.2	<0.2	<0.4	<0.2	---
Styrene	5	<0.22	---	<0.2	<0.2	<0.2	<0.4	<0.2	<2.5
t-Butylbenzene	5	<1.4	---	<0.2	<0.2	<0.2	<0.4	<0.2	---
Tetrachloroethylene (-ethene)	5	1.6J	---	1.7	0.83	1.3	<0.4	0.57	<0.5
Toluene	5	<0.17	---	<0.2	<0.2	<0.2	<0.4	<0.2	<2.5
trans-1,2-Dichloroethylene (-ethene)	5	1.1J	---	0.86	1	1.3	1.2D	0.96	<2.5
trans-1,3-Dichloropropylene (-propene)	0.4	<0.67	---	<0.2	<0.2	<0.2	<0.4	<0.2	<0.5
Trichloroethylene (-ethene)	5	1.0J	---	0.94	0.78	1	0.9JD	0.55	0.19J
Trichlorofluoromethane	5	<0.54	---	<0.2	<0.2	<0.2	<0.4	<0.2	<2.5
Vinyl Chloride	2	16	---	<0.2	0.36J	0.35J	0.44JD	<0.2	0.11
Xylenes, Total	5	<0.55	---	<0.6	<0.6	<0.6	<1.2	<0.6	---

Notes:

Values shaded and in bold indicate the sample concentration exceeds TOGS 1.1.1 Groundwater Standards/Guidances
 S = This compound is a solvent that is used in the lab. Lab contamination is suspected if concentration is less than five times the reporting level.
 D = The reported concentration is the result of a diluted analysis.
 ND = Not Detected
 J = Value is estimated
 µg/L = micrograms per liter
 NA = Not applicable
 GV = Guidance Values
 B-Dil = Detected in method blank(s) associated with the sample analysis. This is a common lab artifact which is found at ND-25 ppb. No dilution factor has been applied to these compounds to eliminate artificially inflated results.
 B=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 --- Not Analyzed

Table 1B
Summary of Volatile Organic Compound Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-6												
	Sample Location:	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31
Sample I.D.:	286040517-02	788100629-03	753110329-04	788110713-03	788120103-13	788120103-14	788120424-01	788120424-02	1177120709-11	1177121024-02	1177121024-03	1177130206-02	
Sampling Date:	5/17/2004	6/29/2010	3/29/2011	7/13/2011	1/3/2012	1/3/2012	4/24/2012	4/24/2012	7/9/2012	10/24/2012	10/24/2012	2/6/2013	
CONSTITUENT	TOGS 1.1.1 GA					Duplicate	Duplicate	Duplicate	Duplicate	Duplicate	Duplicate	Duplicate	Duplicate
Volatile Organics (ug/l)													
1,1,1-Trichloroethane	5	<10	<1.0	<5	<5	<0.95	<0.95	<0.95	<0.95	<0.23	<0.23	<0.23	<0.23
1,1,2,2-Tetrachloroethane	5	<10	<1.0	<1	<1	<0.57	<0.57	<0.57	<0.57	<0.59	<0.59	<0.59	<0.59
1,1,2-Trichloro-1,2,2-trifluoroethane	5	---	---	---	---	<0.60	<0.60	<0.60	<0.60	<0.34	<0.34	<0.34	<0.34
1,1,2-Trichloroethane	1	<10	<1.0	<5	<5	<0.61	<0.61	<0.61	<0.61	<1.3	<1.3	<1.3	<1.3
1,1-Dichloroethane	5	<10	<1.0	<5	<5	1.2J	0.83J	0.88J	1.0J	1.4J	<0.42	<0.42	<0.42
1,1-Dichloroethylene (-ethene)	5	<10	<1.0	<1	<1	<1.3	<1.3	<1.3	<1.3	<0.52	<0.52	<0.52	<0.52
1,2,4-Trichlorobenzene	5	---	---	<1	<1	<0.48	<0.48	<0.48	<0.48	<0.91	<0.91	<0.91	<0.91
1,2,4-Trimethylbenzene	5	---	0.56J	---	---	---	---	---	---	---	<0.41	<0.41	<0.41
1,2-Dibromo-3-chloropropane	0.04	---	---	<1	<1	<1.3	<1.3	<1.3	<1.3	<0.98	<0.98	<0.98	<0.98
1,2-Dibromoethane	0.0006	---	---	---	---	<0.68	<0.68	<0.68	<0.68	<0.44	<0.44	<0.44	<0.44
1,2-Dichloroethane	0.6	<10	<1.0	<2	<2	<0.65	<0.65	<0.65	<0.65	<0.36	<0.36	<0.36	<0.36
1,2-Dichloropropane	1	<10	<1.0	<1	<1	<0.22	<0.22	<0.22	<0.22	<0.23	<0.23	<0.23	<0.23
1,3,5-Trimethylbenzene	5	---	---	---	---	---	---	---	---	---	---	---	<0.48
2-Butanone (MEK)	50 (GV)	<10	<1.0	<1	<1	<2.6	<2.6	<2.6	<2.6	<1.5	<1.5	<1.5	<1.5
2-Hexanone	50 (GV)	<10	<1.0	<1	<1	<0.87	<0.87	<0.87	<0.87	<1.1	<1.1	<1.1	<1.1
4-Methyl-2-pentanone	NA	<10	<1.0	<1	<1	<5.6	<5.6	<5.6	<5.6	<0.86	<0.86	<0.86	<0.86
Acetone	50 (GV)	<10	<5.0	<1	<1	3.4J,B	3.6J,B	<3.1	<3.1	<6.1	<6.1	<6.1	<6.1
Benzene	1	<10	0.59J	<0.7	<0.7	<0.48	<0.48	<0.48	<0.48	<0.3	<0.30	<0.30	<0.3
Bromodichloromethane	50 (GV)	---	<0.50	<1	<1	<0.62	<0.62	<0.62	<0.62	<0.41	<0.41	<0.41	<0.41
Bromoform	50 (GV)	<10	<1.0	<5	<5	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
Bromomethane	5	<10	<1.0	<5	<5	<1.2	<1.2	<1.2	<1.2	<2	<2.0	<2.0	<2
Carbon Disulfide	NA	<10	<1.0	<1	<1	<0.64	<0.64	<0.64	<0.64	<0.51	<0.51	<0.51	<0.51
Carbon Tetrachloride	5	<10	<1.0	<1	<1	<1.0	<1.0	<1.0	<1.0	<0.56	<0.56	<0.56	<0.56
Chlorobenzene	5	<10	<1.0	<5	<5	<0.35	<0.35	<0.35	<0.35	<0.38	<0.38	<0.38	<0.38
Chloroethane	5	<10	<1.0	<5	<5	<0.76	<0.76	<0.76	<0.76	<2.8	<2.8	<2.8	<2.8
Chloroform	7	<10	<1.0	<5	<5	<0.36	<0.36	<0.36	<0.36	<0.42	<0.42	<0.42	<0.42
Chloromethane	5	<10	<1.0	<5	<5	<0.89	<0.89	<0.89	<0.89	<0.41	<0.41	<0.41	<0.41
cis-1,2-Dichloroethylene (-ethene)	5	---	0.83J	<1	<1	5.5	5.3	5.0	5.2	5.6	4.2J	4.8J	2.8J
cis-1,3-Dichloropropylene (-propene)	0.4	<10	<0.50	<1	<1	<0.35	>0.35	<0.35	<0.35	<0.41	<0.41	<0.41	<0.41
Dibromochloromethane	50 (GV)	<10	<1.0	<1	<1	<0.67	>0.67	<0.67	<0.67	<0.39	<0.39	<0.39	<0.39
Dichlorodifluoromethane	5	---	---	<1	<1	<0.83	>0.83	<0.83	<0.83	<0.35	<0.35	<0.35	<0.35
Ethylbenzene	5	<10	0.35J	<5	<5	<0.35	>0.35	<0.35	<0.35	<0.25	<0.25	<0.25	<0.25
Isopropylbenzene	5	---	0.1	<1	<1	<0.39	>0.39	<0.39	<0.39	<0.63	<0.63	<0.63	<0.63
Methyl t-butyl ether (MTBE)	10	---	0.18	<1	<1	<0.38	>0.38	<0.38	<0.38	<0.53	<0.53	<0.53	<0.53
Methylene Chloride	5	<10	<1.0	<5	<5	3.2J,B	2.9J,B	9.6J,B	7.8J,B	7.2J,B	<2.4	<2.4	<2.4
Naphthalene	10	---	<1.0	---	---	---	---	---	---	<1.2	<1.2	<1.2	<1.2
n-Butylbenzene	5	---	---	---	---	---	---	---	---	---	---	---	<0.3
n-Propylbenzene	5	---	0.19J	---	---	---	---	---	---	<0.54	<0.54	<0.54	<0.54
n-Xylene	5 (total)	---	<1.0	<1	<1	<0.50	>0.50	<0.50	<0.50	<0.21	<0.21	<0.21	<0.21
p- & m- Xylenes	5 (total)	---	0.36	<1	<1	<0.55	>0.55	<0.55	<0.55	<0.53	<0.53	<0.53	<0.53
sec-Butylbenzene	5	---	---	---	---	---	---	---	---	---	---	---	<0.59
Styrene	5	<10	<1.0	<1	<1	<0.43	>0.43	<0.43	<0.43	<0.22	<0.22	<0.22	<0.22
t-Butylbenzene	5	---	---	---	---	---	---	---	---	---	---	---	<1.4
Tetrachloroethylene (-ethene)	5	14	1	2.1	<1	26	24	35	38	33	24	23	16
Toluene	5	<10	<1.0	<5	<5	<0.23	>0.23	<0.23	<0.23	<0.17	<0.17	<0.17	<0.17
trans-1,2-Dichloroethylene (-ethene)	5	---	<1.0	<5	<5	<0.65	>0.65	<0.65	<0.65	<0.52	<0.52	<0.52	<0.52
trans-1,3-Dichloropropylene (-propene)	0.4	<10	<0.50	<1	<1	<0.68	>0.68	<0.68	<0.68	<0.67	<0.67	<0.67	<0.67
Trichloroethylene (-ethene)	5	4J	0.59	<1	<1	8.9	7.9	11	11	12	8.2	7.6	6
Trichlorofluoromethane	5	---	---	<1	<1	<0.91	>0.91	<0.91	<0.91	<0.54	<0.54	<0.54	<0.54
Vinyl Chloride	2	<10	<1.0	<1	<1	<0.97	>0.97	<0.97	<0.97	<0.68	<0.68	<0.68	<0.68
Xylenes, Total	5	<10	---	<1	<1	<1.0	>1.0	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55

Notes:
 Values shaded and in bold indicate the sample concentration exceeds TOGS 1.1.1 Groundwater Standards/Guidances
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 D = The reported concentration is the result of a diluted analysis.
 ND = Not Detected
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 ug/l = micrograms per liter
 NA = Not applicable
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 --- Not Analyzed

Table 1B
Summary of Volatile Organic Compound Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-6														
	Sample Location:	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31	SB-31
	Sample I.D.:	1177130206-03	984130521-07	788130829-04	788130829-05	1195140606-14	1195140606-15	1252151130-06	1252151130-17	1313160825-05	1313160825-06	1347171128-01	1514190221-06	1611200814-01	1611200814-06
Sampling Date:	2/6/2013	5/21/2013	8/29/2013	8/29/2013	6/6/2014	6/6/2014	11/30/2015	11/30/2015	8/25/2016	8/25/2016	11/28/2017	2/21/2019	8/14/2020	8/14/2020	
TOGS 1.1.1 GA	Duplicate				Duplicate	Duplicate			Duplicate	Duplicate				Duplicate	
Volatiles (ug/l)															
1,1,1-Trichloroethane	5	<0.23	<0.23	<0.23	<0.23	<0.2	<0.2	<0.2	<0.2	0.29]	0.31]	0.45]	0.32]	<2.5	0.31]
1,1,2,2-Tetrachloroethane	5	<0.59	<0.59	<0.59	<0.59	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
1,1,2-Trichloro-1,2,2-trifluoroethane	5	<0.34	<0.34	<0.34	<0.34	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
1,1,2-Trichloroethane	1	<1.3	<1.3	<1.3	<1.3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
1,1-Dichloroethane	5	<0.42	<0.42	<0.42	0.82]	0.77	0.84	0.82	0.96	1.1	1.1	1.3	0.86	<2.5	1.2
1,1-Dichloroethylene (ethene)	5	<0.52	<0.52	<0.52	<0.52	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.23]	<0.2	<2.5	0.31]
1,2,4-Trichlorobenzene	5	<0.91	<0.91	<0.91	<0.91	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
1,2,4-Trimethylbenzene	5	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
1,2-Dibromo-3-chloropropane	0.04	<0.98	<0.98	<0.98	<0.98	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
1,2-Dibromoethane	0.0006	<0.44	<0.44	<0.44	<0.44	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
1,2-Dichloroethane	0.6	<0.36	<0.36	<0.36	<0.36	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
1,2-Dichloropropane	1	<0.23	<0.23	<0.23	<0.23	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
1,3,5-Trimethylbenzene	5	<0.48	<0.48	<0.48	<0.48	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
2-Butanone (MEK)	50 (GV)	<1.5	<1.5	<1.5	<1.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
2-Hexanone	50 (GV)	<1.1	<1.1	<1.1	<1.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
4-Methyl-2-pentanone	NA	<0.86	<0.86	<0.86	<0.86	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
Acetone	50 (GV)	<6.1	<6.1	<6.1	<6.1	<1	1.1]B	<1	<1	<1	<1	<1	<1	<5	<1
Benzene	1	<0.3	<0.3	<0.30	<0.30	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
Bromodichloromethane	50 (GV)	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.99	<2.5	<0.2
Bromoform	50 (GV)	<0.58	<0.58	<0.58	<0.58	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
Bromomethane	5	<2	<2	<2.0	<2.0	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
Carbon Disulfide	NA	<0.51	<0.51	<0.51	<0.51	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
Carbon Tetrachloride	5	<0.56	<0.56	<0.56	<0.56	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
Chlorobenzene	5	<0.38	<0.38	<0.38	<0.38	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
Chloroethane	5	<2.8	<2.8	<2.8	<2.8	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
Chloroform	7	<0.42	<0.42	<0.42	<0.42	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	6.6	<2.5	1.2
Chloromethane	5	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
cis-1,2-Dichloroethylene (ethene)	5	2.8]	3]	3.9]	3.7]	2.3	2.3	2.1	2.1	2.5	2.6	3	1.7	<2.5	2.3
cis-1,3-Dichloropropylene (-propene)	0.4	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
Dibromochloromethane	50 (GV)	<0.39	<0.39	<0.39	<0.39	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
Dichlorodifluoromethane	5	<0.35	<0.35	<0.35	<0.35	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
Ethylbenzene	5	<0.25	<0.25	<0.25	<0.25	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
Isopropylbenzene	5	<0.63	<0.63	<0.63	<0.63	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
Methyl t-butyl ether (MTBE)	10	<0.53	<0.53	<0.53	<0.53	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
Methylene Chloride	5	<2.4	2.5]	<2.4	<2.4	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<1
Naphthalene	10	<1.2	<1.2	<1.2	<1.2	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<1
n-Butylbenzene	5	<0.3	<0.3	<0.30	<0.30	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
n-Propylbenzene	5	<0.54	<0.54	<0.54	<0.54	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
n-Xylene	5 (total)	<0.21	<0.21	<0.21	<0.21	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
p- & m- Xylenes	5 (total)	<0.53	<0.53	<0.53	<0.53	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
sec-Butylbenzene	5	<0.59	<0.59	<0.59	<0.59	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
Strene	5	<0.22	<0.22	<0.22	<0.22	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
T-butylbenzene	5	<1.4	<1.4	<1.4	<1.4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
Tetrachloroethylene (ethene)	5	17	18	18	17	7	6.9	17	22	20	21	23	16	20	24
Toluene	5	<0.17	<0.17	<0.17	<0.17	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
trans-1,2-Dichloroethylene (ethene)	5	<0.52	<0.52	<0.52	<0.52	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
trans-1,3-Dichloropropylene (-propene)	0.4	<0.67	<0.67	<0.67	<0.67	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
Trichloroethylene (ethene)	5	6.4	7.1	8.2	7.9	4.4	4.5	7.2	9.2	10	10	11	8.2	12	14
Trichlorofluoromethane	5	<0.54	<0.54	<0.54	<0.54	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
Vinyl Chloride	2	<0.68	<0.68	<0.68	<0.68	<0.5	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5	<0.2
Xylenes, Total	5	<0.55	<0.55	<0.55	<0.55	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<7.5	<0.6

Notes:
 Values shaded and in bold indicate the sample concentration exceeds TOGS 1.1.1 Groundwater Standards/Guidances
 S = This compound is a solvent that is used in the lab. Lab contamination is suspected if concentration is less than five times the reporting level.
 D = The reported concentration is the result of a diluted analysis.
 ND = Not Detected
 J = Value is estimated
 µg/L = micrograms per liter
 NA = Not applicable
 GV = Guidance Values
 B-Dil = Detected in method blank(s) associated with the sample analysis. This is a common lab artifact which is found at ND-25 ppb. No dilution factor has been applied to these compounds to eliminate artificially inflated results.
 B=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 --- Not Analyzed

Table 1B
Summary of Volatile Organic Compound Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-6																			
	Sample Location:	SB-32	SB-32	SB-32	SB-32	SB-32	SB-32	SB-32	SB-32	SB-32	SB-32	SB-32	SB-32	SB-32	SB-32	SB-32	SB-32	SB-32	SB-32	
Sample I.D.:	788090729-01	788100629-05	753110329-06	788110714-10	1148111031-13	788120104-06	788120424-04	1177120710-02	1177120710-03	1177121024-06	1177130206-10	984130521-04	788130829-02	1195140606-12	1252151130-08	1313160825-03	1347171128-03	1611200814-03	12154791-03	
Sampling Date:	7/29/2009	6/29/2010	3/29/2011	7/14/2011	11/1/2011	1/4/2012	4/24/2012	7/10/2012	7/10/2012	10/24/2012	2/6/2013	5/21/2013	8/29/2013	6/6/2014	11/30/2015	8/25/2016	11/28/2017	8/14/2020	10/7/2021	
TOGS 1.1.1 GA									Duplicate											
CONSTITUENT																				
Volatiles (ug/l)																				
1,1,1-Trichloroethane	5	<1.0	<1.0	<5	<5	---	<0.95	<0.95	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
1,1,2,2-Tetrachloroethane	5	<0.50	<1.0	<1	<1	---	<0.57	<0.57	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,2-Trichloro-1,2,2-trifluoroethane	5	---	---	---	---	---	<0.60	<0.60	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,2-Trichloroethane	1	<1.0	<1.0	<3	<3	---	<0.61	<0.61	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<0.2	<0.2	<0.2	<0.2	<0.2	<1.5
1,1-Dichloroethane	5	0.17[S]	0.21 [J]	<5	<5	---	<0.69	<0.69	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.2	<0.2	<0.2	0.27]	<0.2	<0.5
1,1-Dichloroethylene (ethene)	5	<1.0	<1.0	<1	<1	---	<1.3	<1.3	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
1,2,4-Trichlorobenzene	5	---	---	<1	<1	---	<0.48	<0.48	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
1,2,4-Trimethylbenzene	5	<1.0	0.21 [J]	---	---	---	---	---	---	<0.41	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	---
1,2-Dibromo-3-chloropropane	0.04	---	---	<1	<1	---	<1.3	<1.3	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
1,2-Dibromoethane	0.0006	---	---	---	---	---	<0.68	<0.68	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.2	<0.2	<0.2	<0.2	<0.2	<2
1,2-Dichloroethane	0.6	<1.0	<1.0	<2	<2	---	<0.65	<0.65	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
1,2-Dichloropropane	1	<1.0	<1.0	<1	<1	---	<0.22	<0.22	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.2	<0.2	<0.2	<0.2	<0.2	<1
1,3,5-Trimethylbenzene	5	---	---	---	---	---	---	---	---	---	---	<0.48	<0.48	<0.48	<0.2	<0.2	<0.2	<0.2	<0.2	---
2-Butanone (MEK)	50 (GV)	<1.0	<1.0	<1	<1	---	<2.6	<2.6	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<0.5	<0.2	<0.2	<0.2	<0.2	<5
2-Hexanone	50 (GV)	<1.0	<1.0	<1	<1	---	<0.87	<0.87	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.2	<0.2	<0.2	<0.2	<0.2	<5
4-Methyl-2-pentanone	NA	<1.0	<1.0	<1	<1	---	<5.6	<5.6	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.2	<0.2	<0.2	<0.2	<0.2	<5
Acetone	50 (GV)	<5.0	0.86 [J]	<1	<1	---	3.9]B	<3.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<1	<1	<1	<1	1.3]	<5
Benzene	1	<1.0	<0.7	<0.7	<0.7	---	<0.48	<0.48	<0.3	<0.3	<0.30	<0.3	<0.3	<0.30	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Bromodichloromethane	50 (GV)	<0.50	<0.50	<1	<1	---	<0.62	<0.62	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Bromoform	50 (GV)	<1.0	<1.0	<5	<5	---	<0.58	<1.0	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.2	<0.2	<0.2	<0.2	<0.2	<2
Bromomethane	5	<1.0	<1.0	<5	<5	---	<1.2	<1.2	<2	<2	<2	<2	<2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Carbon Disulfide	NA	<1.0	<1.0	<1	<1	---	<0.64	<1.0	<0.64	<0.64	<0.64	<0.64	<0.64	<0.64	<0.2	<0.2	<0.2	<0.2	<0.2	<5
Carbon Tetrachloride	5	<1.0	<1.0	<1	<1	---	<1.0	<1.0	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Chlorobenzene	5	<1.0	<1.0	<5	<5	---	<0.35	<1.0	<0.35	<0.38	<0.38	<0.38	<0.38	<0.38	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Chloroethane	5	<1.0	<1.0	<5	<5	---	<0.76	<0.76	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Chloroform	7	<1.0	<1.0	<5	<5	---	<0.36	<0.36	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.2	<0.2	<0.2	<0.2	0.23]	<2.5
Chloromethane	5	<1.0	<1.0	<5	<5	---	<0.89	<0.89	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
cis-1,2-Dichloroethylene (ethene)	5	2.4	1.6	1.3	1.9	---	2.1]	<0.96	1.3]	1.3]	0.97]	<0.43	<0.43	1.3]	0.47]	0.83	0.8	2.3	0.78	<2.5
cis-1,3-Dichloropropylene (propene)	0.4	<0.50	<0.50	<1	<1	---	<0.35	<0.35	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Dibromochloromethane	50 (GV)	<1.0	<1.0	<1	<1	---	<0.67	<0.67	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Dichlorodifluoromethane	5	---	---	<1	<1	---	<0.83	<0.83	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.2	<0.2	<0.2	<0.2	<0.2	<5
Ethylbenzene	5	<1.0	0.29 [J]	<5	<5	---	<0.35	<0.35	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Isopropylbenzene	5	<1.0	<1.0	<1	<1	---	<0.39	<0.39	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Methyl t-butyl ether (MTBE)	10	<1.0	0.27 [J]	<1	<1	---	<0.38	<0.38	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Methylene Chloride	5	0.28[S]	<1.0	<3	<3	---	2.8]B	9.5]B	7]B	6]B	<2.4	<2.4	<2.4	<2.4	<1	<1	<1	<1	<1	<2.5
Naphthalene	10	<1.0	0.24 [J]	---	---	---	---	---	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1	<1	<1	1.3]	<1	<1
n-Butylbenzene	5	---	---	---	---	---	---	---	---	---	<0.3	<0.3	<0.30	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	---
n-Propylbenzene	5	<1.0	<1.0	---	---	---	---	---	---	<0.54	<0.54	<0.54	<0.54	<0.54	<0.2	<0.2	<0.2	<0.2	<0.2	---
n-Xylene	5 (total)	<1.0	<1.0	<1	<1	---	<0.50	<0.50	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.2	<0.2	<0.2	<0.2	<0.2	---
p- & m- Xylenes	5 (total)	<1.0	0.61 [J]	<1	<1	---	<0.55	<0.55	<0.22	<0.22	<0.53	<0.53	<0.53	<0.53	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
sec-Butylbenzene	5	---	---	---	---	---	---	---	---	---	<0.59	<0.59	<0.59	<0.59	<0.2	<0.2	<0.2	<0.2	<0.2	---
Strene	5	<1.0	<1.0	<1	<1	---	<0.43	<0.43	<0.53	<0.53	<0.22	<0.22	<0.22	<0.22	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
T-butylbenzene	5	---	---	---	---	---	---	---	---	---	<1.4	<1.4	<1.4	<1.4	<0.2	<0.2	<0.2	<0.2	<0.2	---
Tetrachloroethylene (ethene)	5	0.73]	1.3	<1	<1	---	1.0]	0.88]	0.9]	0.84]	0.92]	<0.41	<0.41	1.1]	0.3]	1.2	1.1	2.5	0.93	0.64
Toluene	5	<1.0	<1.0	<5	<5	---	<0.23	<0.23	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
trans-1,2-Dichloroethylene (ethene)	5	<1.0	0.11	<5	<5	---	<0.65	<0.65	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.2	<0.2	<0.2	0.22]	<0.2	<2.5
trans-1,3-Dichloropropylene (propene)	0.4	<0.50	<0.50	<1	<1	---	<0.68	<0.68	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Trichloroethylene (ethene)	5	0.36]	0.59 [J]	<1	<1	---	<0.57	<0.57	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.2	0.63	0.5	1.4	0.62	0.38]
Trichlorofluoromethane	5	---	---	<1	<1	---	<0.91	<0.91	<											

Table 1B
Summary of Volatile Organic Compound Groundwater Sampling Analytical Data
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Area of Concern:	AOC-6										
	Sample Location:	SB-33	SB-33	SB-33	SB-33	SB-33	SB-33	SB-33	SB-33	SB-33	SB-33
Sample I.D.:	286040517-04	1177121024-05	1177130207-25	984130521-05	788130829-06	1195140606-18	1252151130-05	1313160825-04	1347171128-05	1514190221-03	1611200813-10
Sampling Date:	5/17/2004	10/24/2012	2/7/2013	5/21/2013	8/29/2013	6/6/2014	11/30/2015	8/25/2016	11/28/2017	2/21/2019	8/13/2020
TOGS 1.1.1 GA											
CONSTITUENT											
Volatile Organics (ug/l)											
1,1,1-Trichloroethane	5	<10	<0.23	<0.23	<0.23	<0.23	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,2,2-Tetrachloroethane	5	<10	<0.59	<0.59	<0.59	<0.59	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,2-Trichloro-1,2,2-trifluoroethane	5	---	<0.34	<0.34	<0.34	<0.34	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,2-Trichloroethane	1	<10	<1.3	<1.3	<1.3	<1.3	<0.2	<0.2	<0.2	<0.2	<0.2
1,1-Dichloroethane	5	<10	<0.42	<0.42	<0.42	<0.42	<0.2	<0.2	<0.2	<0.2	<0.2
1,1-Dichloroethylene (ethene)	5	<10	<0.52	<0.52	<0.52	<0.52	<0.2	<0.2	<0.2	<0.2	<0.2
1,2,4-Trichlorobenzene	5	---	<0.91	<0.91	<0.91	<0.91	<0.2	<0.2	<0.2	<0.2	<0.2
1,2,4-Trimethylbenzene	5	---	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2
1,2-Dibromo-3-chloropropane	0.04	---	<0.98	<0.98	<0.98	<0.98	<0.2	<0.2	<0.2	<0.2	<0.2
1,2-Dibromoethane	0.0006	---	<0.44	<0.44	<0.44	<0.44	<0.2	<0.2	<0.2	<0.2	<0.2
1,2-Dichloroethane	0.6	<10	<0.36	<0.36	<0.36	<0.36	<0.2	<0.2	<0.2	<0.2	<0.2
1,2-Dichloropropane	1	<10	<0.23	<0.23	<0.23	<0.23	<0.2	<0.2	<0.2	<0.2	<0.2
1,3,5-Trimethylbenzene	5	---	<0.48	<0.48	<0.48	<0.48	<0.2	<0.2	<0.2	<0.2	<0.2
2-Butanone (MEK)	50 (GV)	10	<1.5	<1.5	<1.5	<1.5	<0.5	<0.2	<0.2	<0.2	<0.2
2-Hexanone	50 (GV)	<10	<1.1	<1.1	<1.1	<1.1	<0.2	<0.2	<0.2	<0.2	<0.2
4-Methyl-2-pentanone	NA	<10	<0.86	<0.86	<0.86	<0.86	<0.2	<0.2	<0.2	<0.2	<0.2
Acetone	50 (GV)	<10	<6.1	11B	<6.1	<6.1	<1	4.5	1.9J	<1	<5
Benzene	1	<10	<0.30	<0.3	<0.3	<0.30	<0.2	<0.2	<0.2	<0.2	<0.2
Bromodichloromethane	50 (GV)	---	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2
Bromoform	50 (GV)	<10	<0.58	<0.58	<0.58	<0.58	<0.2	<0.2	<0.2	<0.2	<0.2
Bromomethane	5	<10	<2.0	<2	<2	<2.0	<0.2	<0.2	<0.2	<0.2	<0.2
Carbon Disulfide	NA	<10	<0.51	<0.51	<0.51	<0.51	<0.2	<0.2	<0.2	<0.2	<0.2
Carbon Tetrachloride	5	<10	<0.56	<0.56	<0.56	<0.56	<0.2	<0.2	<0.2	<0.2	<0.2
Chlorobenzene	5	<10	<0.38	<0.38	<0.38	<0.38	<0.2	<0.2	<0.2	<0.2	<0.2
Chloroethane	5	<10	<2.8	<2.8	<2.8	<2.8	<0.2	<0.2	<0.2	<0.2	<0.2
Chloroform	7	1J	<0.42	<0.42	<0.42	<0.42	<0.2	<0.2	<0.2	<0.2	<0.2
Chloromethane	5	<10	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2
cis-1,2-Dichloroethylene (ethene)	5	---	<0.43	<0.43	<0.43	<0.43	<0.2	<0.2	<0.2	<0.2	<0.2
cis-1,3-Dichloropropylene (propene)	0.4	<10	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2
Dibromochloromethane	50 (GV)	<10	<0.39	<0.39	<0.39	<0.39	<0.2	<0.2	<0.2	<0.2	<0.2
Dichlorodifluoromethane	5	---	<0.35	<0.35	<0.35	<0.35	<0.2	<0.2	<0.2	<0.2	<0.2
Ethylbenzene	5	<10	<0.25	<0.25	<0.25	<0.25	<0.2	<0.2	<0.2	<0.2	<0.2
Isopropylbenzene	5	---	<0.63	<0.63	<0.63	<0.63	<0.2	<0.2	<0.2	<0.2	<0.2
Methyl t-butyl ether (MTBE)	10	---	<0.53	<0.53	<0.53	<0.53	<0.2	<0.2	<0.2	<0.2	<0.2
Methylene Chloride	5	<10	<2.4	<2.4	4.2I	<2.4	<1	<1	<1	<1	<5
Naphthalene	10	---	<1.2	<1.2	<1.2	<1.2	<1	1.1J	<1	<1	<5
n-Butylbenzene	5	---	<0.3	<0.3	<0.3	<0.3	<0.2	<0.2	<0.2	<0.2	<0.2
n-Propylbenzene	5	---	<0.54	<0.54	<0.54	<0.54	<0.2	<0.2	<0.2	<0.2	<0.2
n-Xylene	5 (total)	---	<0.21	<0.21	<0.21	<0.21	<0.2	<0.2	<0.2	<0.2	<0.2
p- & m- Xylenes	5 (total)	---	<0.53	<0.53	<0.53	<0.53	<0.5	<0.5	<0.5	<0.5	<2.5
sec-Butylbenzene	5	---	<0.59	<0.59	<0.59	<0.59	<0.2	<0.2	<0.2	<0.2	<0.2
Styrene	5	<10	<0.22	<0.22	<0.22	<0.22	<0.2	<0.2	<0.2	<0.2	<0.2
T-butylbenzene	5	---	<1.4	<1.4	<1.4	<1.4	<0.2	<0.2	<0.2	<0.2	<0.2
Tetrachloroethylene (ethene)	5	<10	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2
Toluene	5	<10	<0.17	<0.17	<0.17	<0.17	<0.2	<0.2	<0.2	<0.2	<0.2
trans-1,2-Dichloroethylene (ethene)	5	---	<0.52	<0.52	<0.52	<0.52	<0.2	<0.2	<0.2	<0.2	<0.2
trans-1,3-Dichloropropylene (propene)	0.4	<10	<0.67	<0.67	<0.67	<0.67	<0.2	<0.2	<0.2	<0.2	<0.2
Trichloroethylene (ethene)	5	<10	<0.16	<0.16	<0.16	<0.16	<0.2	<0.2	<0.2	<0.2	<0.2
Trichlorofluoromethane	5	---	<0.54	<0.54	<0.54	<0.54	<0.2	<0.2	<0.2	<0.2	<0.2
Vinyl Chloride	2	<10	<0.68	<0.68	<0.68	<0.68	<0.5	<0.2	<0.2	<0.2	<0.2
Xylenes, Total	5	<10	<0.55	<0.55	<0.55	<0.55	<0.6	<0.6	<0.6	<0.6	<3

Notes:
 Values shaded and in bold indicate the sample concentration exceeds TOGS 1.1.1 Groundwater Standards/Guidances
 S = This compound is a solvent that is used in the lab. Lab contamination is suspected if concentration is less than five times the reporting level.
 D = The reported concentration is the result of a diluted analysis.
 ND = Not Detected
 J = Value is estimated
 µg/L = micrograms per liter
 NA = Not applicable
 GV = Guidance Values
 B-Dil = Detected in method blank(s) associated with the sample analysis. This is a common lab artifact which is found at ND-25 ppb. No dilution factor has been applied to these compounds to eliminate artificially inflated results.
 B= Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 --- Not Analyzed

Table 1B
Summary of Volatile Organic Compound Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-6													
	Sample Location:	SB-36B	SB-36B	SB-36B	SB-36B	SB-36B	SB-36B	SB-36B	SB-36B	SB-36B	SB-36B	SB-36B	SB-36B	SB-36B
	Sample I.D.:	286040521-44	1177121024-08	1177130206-05	984130521-09	788130829-09	1195140606-19	1252150225-02	1252151130-02	1313160825-09	1347171128-07	1514190221-05	1611200814-05	12154524-02
TOGS 1.1.1 GA	5/21/2004	10/24/2012	2/6/2013	5/21/2013	8/29/2013	6/6/2014	2/25/2015	11/30/2015	8/25/2016	11/28/2017	2/21/2019	8/14/2020	10/7/2021	
CONSTITUENT														
Volatiles (ug/l)														
1,1,1-Trichloroethane	5	<10	<0.23	<0.23	<0.23	<0.23	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
1,1,2,2-Tetrachloroethane	5	<10	<0.59	<0.59	<0.59	<0.59	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
1,1,2-Trichloro-1,2,2-trifluoroethane	5	---	<0.34	<0.34	<0.34	<0.34	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
1,1,2-Trichloroethane	1	<10	<1.3	<1.3	<1.3	<1.3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1.5
1,1-Dichloroethane	5	<10	<0.42	<0.42	<0.42	<0.42	<0.2	0.21J	<0.2	<0.2	0.32J	<0.2	<0.2	<0.5
1,1-Dichloroethylene (-ethene)	5	<10	<0.52	<0.52	<0.52	<0.52	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
1,2,4-Trichlorobenzene	5	---	<0.91	<0.91	<0.91	<0.91	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
1,2,4-Trimethylbenzene	5	---	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
1,2-Dibromo-3-chloropropane	0.04	---	<0.98	<0.98	<0.98	<0.98	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
1,2-Dibromoethane	0.0006	---	<0.44	<0.44	<0.44	<0.44	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2
1,2-Dichloroethane	0.6	<10	<0.36	<0.36	<0.36	<0.36	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
1,2-Dichloropropane	1	<10	<0.23	<0.23	<0.23	<0.23	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1
1,3,5-Trimethylbenzene	5	---	<0.48	<0.48	<0.48	<0.48	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
2-Butanone (MEK)	50 (GV)	10	<1.5	<1.5	<1.5	<1.5	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<5
2-Hexanone	50 (GV)	<10	<1.1	<1.1	<1.1	<1.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<5
4-Methyl-2-pentanone	NA	<10	<0.86	<0.86	<0.86	<0.86	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<5
Acetone	50 (GV)	<10	<6.1	<6.1	<6.1	<6.1	<1	<1	<1	<1	<1	<1	<1	<5
Benzene	1	<10	<0.30	<0.3	<0.3	<0.30	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Bromodichloromethane	50 (GV)	---	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Bromoform	50 (GV)	<10	<0.58	<0.58	<0.58	<0.58	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2
Bromomethane	5	<10	<2.0	<2	<2	<2.0	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Carbon Disulfide	NA	<10	<0.51	<0.51	<0.51	<0.51	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<5
Carbon Tetrachloride	5	<10	<0.56	<0.56	<0.56	<0.56	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Chlorobenzene	5	<10	<0.38	<0.38	<0.38	<0.38	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Chloroethane	5	<10	<2.8	<2.8	<2.8	<2.8	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Chloroform	7	11	<0.42	<0.42	<0.42	<0.42	<0.2	0.58	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Chloromethane	5	<10	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
cis-1,2-Dichloroethylene (-ethene)	5	---	<0.43	<0.43	0.86J	<0.43	<0.2	0.96	0.94	0.25J	1.1	<0.2	0.7	<2.5
cis-1,3-Dichloropropylene (-propene)	0.4	<10	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Dibromochloromethane	50 (GV)	<10	<0.39	<0.39	<0.39	<0.39	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Dichlorodifluoromethane	5	---	<0.35	<0.35	<0.35	<0.35	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<5
Ethylbenzene	5	<10	<0.25	<0.25	<0.25	<0.25	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Isopropylbenzene	5	---	<0.63	<0.63	<0.63	<0.63	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Methyl t-butyl ether (MTBE)	10	---	<0.53	<0.53	<0.53	<0.53	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Methylene Chloride	5	<10	<2.4	<2.4	<2.4	<2.4	<1	<1	<1	<1	<1	<1	<1	<2.5
Naphthalene	10	---	<1.2	<1.2	<1.2	<1.2	<1	<1	<1	<1	<1	<1	<1	<2.5
n-Butylbenzene	5	---	<0.3	<0.3	<0.3	<0.30	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
n-Propylbenzene	5	---	<0.54	<0.54	<0.54	<0.54	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
n-Xylene	5 (total)	---	<0.21	<0.21	<0.21	<0.21	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	---
p- & m- Xylenes	5 (total)	---	<0.53	<0.53	<0.53	<0.53	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
sec-Butylbenzene	5	---	<0.59	<0.59	<0.59	<0.59	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Styrene	5	<10	<0.22	<0.22	<0.22	<0.22	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
t-Butylbenzene	5	---	<1.4	<1.4	<1.4	<1.4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Tetrachloroethylene (-ethene)	5	<10	<0.41	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Toluene	5	<10	<0.17	<0.17	<0.17	<0.17	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
trans-1,2-Dichloroethylene (-ethene)	5	---	<0.52	<0.52	<0.52	<0.52	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
trans-1,3-Dichloropropylene (-propene)	0.4	<10	<0.67	<0.67	<0.67	<0.67	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Trichloroethylene (-ethene)	5	<10	<0.16	<0.16	<0.16	<0.16	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5
Trichlorofluoromethane	5	---	<0.54	<0.54	<0.54	<0.54	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
Vinyl Chloride	2	<10	<0.68	<0.68	<0.68	<0.68	<0.5	0.24J	<0.2	<0.2	<0.2	<0.2	<0.2	0.17J
Xylenes, Total	5	<10	<0.55	<0.55	<0.55	<0.55	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<2.5

Notes:

Values shaded and in bold indicate the sample concentration exceeds TOGS 1.1.1 Groundwater Standards/Guidances
 S = This compound is a solvent that is used in the lab. Lab contamination is suspected if concentration is less than five times the reporting level.
 D = The reported concentration is the result of a diluted analysis.
 ND = Not Detected
 J = Value is estimated
 µg/L = micrograms per liter
 NA = Not applicable
 GV = Guidance Values
 B-Dil = Detected in method blank(s) associated with the sample analysis. This is a common lab artifact which is found at ND-25 ppb. No dilution factor has been applied to these compounds to eliminate artificially inflated results.
 B=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 --- Not Analyzed

Table 1B
Summary of Volatile Organic Compound Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-6																					
	Sample Location:	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38		
	Sample I.D.:	286040521-34	286040521-35	753110329-05	788110714-09	1148111031-11	788120103-15	788120424-03	1177120709-12	1177121024-17	1177130206-11	984130521-02	984130521-03	788130829-03	1195140606-13	1252151130-07	1313160825-02	1347171128-02	1514190221-07	1514190221-08	1611200814-02	12154524-13
CONSTITUENT	TOGS 1.1.1 GA	5/21/2004	5/21/2004	3/29/2011	7/14/2011	10/31/2011	1/3/2012	4/24/2012	7/9/2012	10/24/2012	2/6/2013	5/21/2013	Duplicate	8/29/2013	6/6/2014	11/30/2015	8/25/2016	11/28/2017	2/21/2019	Duplicate	8/14/2020	10/6/2021
Volatiles (ug/l)																						
1,1,1-Trichloroethane	5	<10	<10	<5	<5	<0.95	<0.95	<0.95	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
1,1,2,2-Tetrachloroethane	5	<10	<10	<1	<1	<0.57	<0.57	<0.57	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59
1,1,2-Trichloro-1,2,2-trifluoroethane	5	---	---	---	---	<0.60	<0.60	<0.60	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1,2-Trichloroethane	5	<10	<10	<3	<3	<0.61	<0.61	<0.61	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
1,1-Dichloroethane	5	<10	<10	<5	<5	<0.69	<0.69	<0.69	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
1,1-Dichloroethylene (ethylene)	5	<10	<10	<1	<1	<1.3	<1.3	<1.3	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
1,2,4-Trichlorobenzene	5	---	---	<1	<1	<0.48	<0.48	<0.48	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91
1,2,4-Trimethylbenzene	5	---	---	---	---	---	---	---	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,2-Dibromo-3-chloropropane	0.04	---	---	<1	<1	<1.3	<1.3	<1.3	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98
1,2-Dibromoethane	0.0006	---	---	---	---	<0.68	<0.68	<0.68	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
1,2-Dichloroethane	0.6	<10	<10	<2	<2	<0.65	<0.65	<0.65	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,2-Dichloropropane	1	<10	<10	<1	<1	<0.22	<0.22	<0.22	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
1,3,5-Trimethylbenzene	5	---	---	---	---	---	---	---	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
2-Butanone (MEK)	50 (GV)	<10	<10	<1	<1	<2.6	<2.6	<2.6	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
2-Hexanone	50 (GV)	<10	<10	<1	<1	<0.87	<0.87	<0.87	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
4-Methyl-2-pentanone	NA	<10	<10	<1	<1	<5.6	<5.6	<5.6	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86
Acetone	50 (GV)	<10	<10	<1	<1	<3.1	4.4J,B	<3.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1
Benzene	1	<10	<10	<0.7	<0.7	<0.48	<0.48	<0.48	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Bromodichloromethane	50 (GV)	---	---	<1	<1	<0.62	<0.62	<0.62	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Bromoform	50 (GV)	<10	<10	<5	<5	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
Bromomethane	5	<10	<10	<5	<5	<1.2	<1.2	<1.2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Carbon Disulfide	NA	<10	<10	<1	<1	<0.64	<0.64	<0.64	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Carbon Tetrachloride	5	<10	<10	<1	<1	<1.0	<1.0	<1.0	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
Chlorobenzene	5	<10	<10	<5	<5	<0.35	<0.35	<0.35	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
Chloroethane	5	<10	<10	<5	<5	<0.76	<0.76	<0.76	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
Chloroform	7	<10	<10	<5	<5	<0.36	<0.36	<0.36	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
Chloromethane	5	<10	<10	<5	<5	<0.89	<0.89	<0.89	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
cis-1,2-Dichloroethylene (ethylene)	5	---	---	<1	<1	2.0J	2.4J	2.5J	1.9J	1.7J	<0.43	1.5J	1.4J	2.2J	1.8	2	1.4	1.5	0.96	1.2	1.2	1.2J
cis-1,3-Dichloropropylene (propene)	0.4	<10	<10	<1	<1	<0.35	<0.35	<0.35	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Dibromochloromethane	50 (GV)	<10	<10	<1	<1	<0.67	<0.67	<0.67	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Dichlorodifluoromethane	5	---	---	<1	<1	<0.83	<0.83	<0.83	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Ethylbenzene	5	<10	<10	<5	<5	<0.35	<0.35	<0.35	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Isopropylbenzene	5	---	---	<1	<1	<0.39	<0.39	<0.39	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63
Methyl t-butyl ether (MTBE)	10	---	---	<1	<1	<0.38	<0.38	<0.38	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Methylene Chloride	5	1J	<10	<3	<3	5.8J,B	3.9J,B	8.2J,B	5.9J,B	<2.4	<2.4	4J	<2.4	<2.4	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	10	---	---	---	---	---	---	---	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
n-Butylbenzene	5	---	---	---	---	---	---	---	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
n-Propylbenzene	5	---	---	---	---	---	---	---	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
n-Xylene	5 (total)	---	---	<1	<1	<0.5	<0.50	<0.50	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21
p- & m- Xylenes	5 (total)	---	---	<1	<1	<0.55	<0.55	<0.55	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
sec-Butylbenzene	5	---	---	---	---	---	---	---	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59
Styrene	5	<10	<10	<1	<1	<0.43	<0.43	<0.43	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
t-Butylbenzene	5	---	---	---	---	---	---	---	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
Tetrachloroethylene (ethylene)	5	7J	7J	1																		

Table 1B
Summary of Volatile Organic Compound Groundwater Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

Area of Concern:	AOC-6									
Sample Location:	SB-39	SB-39	SB-39	SB-39	SB-39	SB-39	SB-39	SB-39	SB-39	SB-39
Sample I.D.:	286040521-37	1177121024-04	984130521-06	788130829-07	1195140606-16	1252151130-04	1313160825-07	1347171128-04	12154524-02	
Sampling Date:	5/21/2004	10/24/2012	5/21/2013	8/29/2013	6/6/2014	11/30/2015	8/25/2016	11/28/2017	10/6/2021	
TOGS 1.1.1 GA										
CONSTITUENT										
Volatiles (ug/l)										
1,1,1-Trichloroethane	5	<10	<0.23	<0.23	<0.23	<0.2	<0.2	<0.2	<0.2	<2.5
1,1,2,2-Tetrachloroethane	5	<10	<0.59	<0.59	<0.59	<0.2	<0.2	<0.2	<0.2	<0.5
1,1,2-Trichloro-1,2,2-trifluoroethane	5	---	<0.34	<0.34	<0.34	<0.2	<0.2	<0.2	<0.2	<2.5
1,1,2-Trichloroethane	1	<10	<1.3	<1.3	<1.3	<0.2	<0.2	<0.2	<0.2	<1.5
1,1-Dichloroethane	5	<10	<0.42	<0.42	<0.42	0.21]	0.46]	0.36]	0.44]	<0.5
1,1-Dichloroethylene (-ethene)	5	<10	<0.52	<0.52	<0.52	<0.2	<0.2	<0.2	<0.2	0.19]
1,2,4-Trichlorobenzene	5	---	<0.91	<0.91	<0.91	<0.2	<0.2	<0.2	<0.2	<2.5
1,2,4-Trimethylbenzene	5	---	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	---
1,2-Dibromo-3-chloropropane	0.04	---	<0.98	<0.98	<0.98	<0.2	<0.2	<0.2	<0.2	<2.5
1,2-Dibromoethane	0.0006	---	<0.44	<0.44	<0.44	<0.2	<0.2	<0.2	<0.2	<2
1,2-Dichloroethane	0.6	<10	<0.36	<0.36	<0.36	<0.2	<0.2	<0.2	<0.2	<0.5
1,2-Dichloropropane	1	<10	<0.23	<0.23	<0.23	<0.2	<0.2	<0.2	<0.2	<1
1,3,5-Trimethylbenzene	5	---	---	<0.48	<0.48	<0.2	<0.2	<0.2	<0.2	---
2-Butanone (MEK)	50 (GV)	10	<1.5	<1.5	<1.5	<0.5	<0.2	<0.2	<0.2	<5
2-Hexanone	50 (GV)	<10	<1.1	<1.1	<1.1	<0.2	<0.2	<0.2	<0.2	<5
4-Methyl-2-pentanone	NA	<10	<0.86	<0.86	<0.86	<0.2	<0.2	<0.2	<0.2	<5
Acetone	50 (GV)	<10	<6.1	<6.1	<6.1	<1	<1	1.1]	1.1]	<5
Benzene	1	<10	<0.30	<0.3	<0.30	<0.2	<0.2	<0.2	<0.2	<0.5
Bromodichloromethane	50 (GV)	---	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.5
Bromoform	50 (GV)	<10	<0.58	<0.58	<0.58	<0.2	<0.2	<0.2	<0.2	<2
Bromomethane	5	<10	<2.0	<2	<2.0	<0.2	<0.2	<0.2	<0.2	<2.5
Carbon Disulfide	NA	<10	<0.51	<0.51	<0.51	<0.2	<0.2	<0.2	<0.2	<5
Carbon Tetrachloride	5	<10	<0.56	<0.56	<0.56	<0.2	<0.2	<0.2	<0.2	<0.5
Chlorobenzene	5	<10	<0.38	<0.38	<0.38	<0.2	<0.2	<0.2	<0.2	<2.5
Chloroethane	5	<10	<2.8	<2.8	<2.8	<0.2	<0.2	<0.2	<0.2	<2.5
Chloroform	7	J]	<0.42	<0.42	<0.42	<0.2	<0.2	<0.2	<0.2	<2.5
Chloromethane	5	<10	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<2.5
cis-1,2-Dichloroethylene (-ethene)	5	---	<0.43	<0.43	<0.43	<0.2	<0.2	<0.2	<0.2	<2.5
cis-1,3-Dichloropropylene (-propene)	0.4	<10	<0.41	<0.41	<0.41	<0.2	<0.2	<0.2	<0.2	<0.5
Dibromochloromethane	50 (GV)	<10	<0.39	<0.39	<0.39	<0.2	<0.2	<0.2	<0.2	<0.5
Dichlorodifluoromethane	5	---	<0.35	<0.35	<0.35	<0.2	<0.2	<0.2	<0.2	<5
Ethylbenzene	5	<10	<0.25	<0.25	<0.25	<0.2	<0.2	<0.2	<0.2	<2.5
Isopropylbenzene	5	---	<0.63	<0.63	<0.63	<0.2	<0.2	<0.2	<0.2	<2.5
Methyl t-butyl ether (MTBE)	10	---	<0.53	<0.53	<0.53	<0.2	<0.2	<0.2	<0.2	<2.5
Methylene Chloride	5	<10	<2.4	5]	<2.4	<1	<1	<1	<1	<2.5
Naphthalene	10	---	<1.2	<1.2	<1.2	<1	<1	<1	<1	---
n-Butylbenzene	5	---	---	<0.3	<0.30	<0.2	<0.2	<0.2	<0.2	---
n-Propylbenzene	5	---	<0.54	<0.54	<0.54	<0.2	<0.2	<0.2	<0.2	---
n-Xylene	5 (total)	---	<0.21	<0.21	<0.21	<0.2	<0.2	<0.2	<0.2	---
p- & m- Xylenes	5 (total)	---	<0.53	<0.53	<0.53	<0.5	<0.5	<0.5	<0.5	<2.5
sec-Butylbenzene	5	---	---	<0.59	<0.59	<0.2	<0.2	<0.2	<0.2	---
Styrene	5	<10	<0.22	<0.22	<0.22	<0.2	<0.2	<0.2	<0.2	<2.5
T-butylbenzene	5	---	---	<1.4	<1.4	<0.2	<0.2	<0.2	<0.2	---
Tetrachloroethylene (-ethene)	5	<10	<0.41	<0.41	0.91]	0.54	0.6	0.76	0.38]	<0.5
Toluene	5	<10	<0.17	<0.17	<0.17	<0.2	<0.2	<0.2	<0.2	<2.5
trans-1,2-Dichloroethylene (-ethene)	5	---	<0.52	<0.52	<0.52	<0.2	<0.2	<0.2	<0.2	<2.5
trans-1,3-Dichloropropylene (-propene)	0.4	<10	<0.67	<0.67	<0.67	<0.2	<0.2	<0.2	<0.2	<0.5
Trichloroethylene (-ethene)	5	<10	<0.16	<0.16	<0.16	<0.2	<0.2	<0.2	<0.2	0.24]
Trichlorofluoromethane	5	---	<0.54	<0.54	<0.54	<0.2	<0.2	<0.2	<0.2	<2.5
Vinyl Chloride	2	<10	<0.68	<0.68	<0.68	<0.5	<0.2	<0.2	<0.2	<1
Xylenes, Total	5	<10	<0.55	<0.55	<0.55	<0.6	<0.6	<0.6	<0.6	---

Notes:
 Values shaded and in bold indicate the sample concentration exceeds TOGS 1.1.1 Groundwater Standards/Guidances
 S = This compound is a solvent that is used in the lab. Lab contamination is suspected if concentration is less than five times the reporting level.
 D = The reported concentration is the result of a diluted analysis.
 ND = Not Detected
 J = Value is estimated
 µg/L = micrograms per liter
 NA = Not applicable
 GV = Guidance Values
 B-Dil = Detected in method blank(s) associated with the sample analysis. This is a common lab artifact which is found at ND-25 ppb. No dilution factor has been applied to these compounds to eliminate artificially inflated results.
 B=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 --- Not Analyzed

**Table 2 - Summary of Indoor
and Outdoor Air Sampling
Analytical Data - 2011-2021**

Table 2
Summary of Indoor and Outdoor Air Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

VOCs (µg/m ³)	Site ID	IA-3	IA-3	IA-3	IA-3	IA-3	IA-3	IA-3	IA-3	IA-3	IA-3	IA-3	IA-3	IA-3
	Sample #	788110506-01	788110714-01	78811031-01	788120103-01	788120423-01	1177120709-01	1177130206-06	1313160122-05	788161216-01	1398171221-07	1514181220-01	2010735-01	CK05767
	Date	5/6/2011	7/14/2011	11/1/2011	1/3/2012	4/23/2012	7/10/2012	2/7/2013	1/22/2016	12/16/2016	12/21/2017	12/21/2018	12/15/2020	12/22/2021
Air Guidance Value	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
1,1,1,2-Tetrachloroethane	NA	---	---	---	---	---	---	---	<0.69	<0.69	<0.37	<1.00	<1.00	<1.00
1,1,1-Trichloroethane	NA	1.4	4.2	2.3	<0.21	2.7	<0.38	<0.96	<0.55	<0.55	<0.29	<1.00	<1.00	<1.00
1,1,2,2-Tetrachloroethane	NA	<0.24	<0.24	<0.11	<0.36	<0.33	<0.64	<1.2	<0.69	<0.69	<0.37	<1.00	<1.00	<1.00
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.7	0.72	<0.036	<0.12	<0.11	<0.21	<1.4	<0.77	<0.77	<0.41	<1.00	<1.00	<1.00
1,1,2-Trichloroethane	NA	<0.19	<0.19	<0.092	<0.3	<0.27	<0.53	<0.96	<0.55	<0.55	<0.29	<1.00	<1.00	<1.00
1,1-Dichloroethane	NA	<0.14	<0.14	<0.033	<0.11	<0.098	<0.19	<0.71	<0.4	<0.4	<0.22	<1.00	<1.00	<1.00
1,1-Dichloroethylene	NA	<0.14	<0.14	<0.040	<0.13	<0.12	<0.23	<0.7	<0.4	<0.4	<0.053	<0.20	<0.20	<0.20
1,2,4-Trichlorobenzene	NA	<0.26	<0.26	<0.11	<0.35	<0.33	<0.64	<1.3	<0.74	5.9	<0.4	<1.00	0.65D	<1.00
1,2,4-Trimethylbenzene	NA	0.52	19	7.9	<0.13	<0.12	22	2D	1.4	0.74	1.3D	4.68	1.3D	1.81
1,2-Dibromoethane (EDB)	NA	<0.27	<0.27	---	---	<1.5	<3.0	<1.4	<0.77	<0.77	<0.41	<1.00	<1.00	<1.00
1,2-Dichlorobenzene	NA	<0.21	<0.21	<0.10	<0.33	<0.30	<0.59	<1.1	<0.6	<0.6	<0.32	<1.00	<1.00	<1.00
1,2-Dichloroethane	NA	1.5	5.5	2.2	<0.21	2.7	4.7	1.1D	1.7	0.81	0.75D	1.92	<1.00	<1.00
1,2-Dichloropropane	NA	<0.16	<0.16	<0.069	<0.22	<0.20	<0.40	<0.81	<0.46	<0.46	<0.25	<1.00	<1.00	<1.00
1,2-Dichlorotetrafluoroethane	NA	<0.25	<0.25	<0.081	<0.26	<0.24	<0.46	<1.2	<0.7	<0.7	<0.37	<1.00	<1.00	<1.00
1,3,5-Trimethylbenzene	NA	0.31	8.1	2.8	2.2	<0.13	8.2	<0.87	<0.49	<0.49	0.42D	1.34	0.43D	<1.00
1,3-Butadiene	NA	<0.078	<0.078	<0.044	<0.14	<0.13	<0.25	<0.76	<1.3	<0.66	<0.35	<1.00	<1.00	<1.00
1,3-Dichlorobenzene	NA	<0.21	<0.21	<0.073	<0.23	<0.22	<0.42	<1.1	<0.6	<0.6	<0.32	<1.00	<1.00	<1.00
1,3-Dichloropropane	NA	---	---	---	---	---	---	---	<0.46	<0.46	<0.25	<1.00	<1.00	---
1,4-Dichlorobenzene	NA	<0.21	11	2.8	9.1	4.8	13	<1.1	0.66	<0.6	0.77D	---	<1.00	<1.00
1,4-Dioxane (P-Dioxane)	NA	---	---	<0.22	<0.7	<0.65	<1.3	<0.63	<0.72	<0.72	<0.38	<1.00	<1.00	<1.00
2-Butanone (MEK)	NA	4.2	16	5.2	3.3	<0.24	14	3.5D	2.9	2	1.8D	15.1	2.5D	4.19
2-Hexanone (MBK)	NA	0.4	<0.14	<0.15	<0.49	2.7	<0.88	<0.72	<0.82	<0.82	<0.44	<1.00	<1.00	<1.00
3-Chloropropene (Allyl Chloride)	NA	---	---	<0.038	<0.12	---	---	---	<1.6	<1.6	<0.83	---	<1.40	---
4-Methyl-2-pentanone (MIBK)	NA	0.3	1.8	<0.10	<0.32	1.6	<0.57	1.7D	<0.41	<0.41	0.35D	1.11	0.72D	5.16
Acetone	NA	28	72	28B	31	50	89	13D	16	9.4	8.8D	55.5	26D	20.1
Acrylonitrile	NA	---	---	---	---	---	---	---	<0.22	<0.22	<0.12	<1.00	<1.00	<1.00
Benzene	NA	0.84	2.5	4.5	1.8	1.5	3	2D	1.4	0.83	1.4D	2.79	1.1D	<1.00
Benzyl chloride	NA	<0.18	<0.18	<0.042	<0.13	<0.12	<0.24	<0.91	<0.52	<0.52	<0.28	<1.00	<1.00	<1.00
Bromodichloromethane	NA	<0.24	<0.24	<0.10	<0.32	<0.30	<0.58	<1.1	<0.62	<0.62	<0.36	<1.00	<1.00	<1.00
Bromoform	NA	<0.36	<0.36	<0.13	<0.4	<0.37	<0.73	<1.8	<1	<1	<0.55	<1.00	<1.00	<1.00
Bromomethane	NA	<0.14	<0.14	<0.032	<0.1	<0.094	<0.18	<0.68	<0.39	<0.39	<0.21	<1.00	<1.00	<1.00
Carbon Disulfide	NA	0.22	0.45	0.3	7.8	3.1	3.2	4.3D	<0.31	<0.31	<0.17	<1.00	<1.00	<1.00
Carbon Tetrachloride	NA	0.45	0.58	<0.051	<0.16	<0.15	<0.29	<0.55	0.38	0.44	0.31D	0.48	0.55D	0.49
Chlorobenzene	NA	<0.16	<0.16	<0.056	<0.18	<0.17	<0.32	<0.81	<0.46	<0.46	<0.25	<1.00	<1.00	<1.00
Chloroethane	NA	<0.093	<0.093	<0.021	<0.069	<0.064	<0.12	<0.46	<0.26	<0.26	<0.14	<1.00	<1.00	<1.00
Chloroform	NA	1.3	2.7	2.8	<0.16	2.1	2.1	1.3D	1.2	0.54	0.65D	2.8	1.1D	<1.00
Chloromethane	NA	1.1	1.8	1.2	<0.13	1.1	<0.24	<0.36	1.1	1.1	0.59D	1.14	0.99	<1.00
cis-1,2-Dichloroethylene	NA	<0.14	<0.14	<0.046	<0.15	<0.14	<0.26	<0.7	<0.4	<0.4	<0.053	<0.20	<0.20	<0.20
cis-1,3-Dichloropropene	NA	<0.16	<0.16	<0.077	<0.25	<0.23	<0.44	<0.8	<0.45	<0.45	<0.24	<1.00	<1.00	<1.00
Cyclohexane	NA	0.68	2.6	2.1	<0.089	<0.083	2	1.2D	0.62	<0.54	0.55D	1.95	0.75D	<1.00
Dibromochloromethane	NA	<0.30	<0.30	---	<1.6	<3.1	<1.4	<1.4	<0.8	<0.85	<0.45	<1.00	<1.00	<1.00
Dichlorodifluoromethane (Freon 12)	NA	3.6	5.1	4.1	4.4	2.8	2.3	<0.87	2.1	1.9	1.2D	2.58	2.4D	2.44
Ethyl Acetate	NA	1.9	5.4	<0.061	<0.19	4.2	<0.35	<0.63	1.1	<0.72	0.83D	1.33	1.3D	2.02
Ethylbenzene	NA	0.9	4.6	4.9	2.2	2.7	5.1	1.8D	1.1	0.69	1D	2	0.87D	2.96
Flexachlorobutadiene	NA	<0.37	<0.37	<0.13	<0.42	<0.39	<0.75	<1.9	<1.1	<1.1	<0.57	<1.00	<1.00	<1.00
Isopropanol	NA	8	26	1.7	<0.19	23	39	12D	6.1	3.2	2.3D	7.84	25D	19.9
Methyl Methacrylate	NA	---	---	---	---	---	---	---	<0.72	<0.41	<0.41	<0.22	---	1.9D
Methyl tert-Butyl Ether (MTBE)	NA	<0.13	<0.13	<0.029	<0.093	<0.087	<0.17	<0.63	<0.36	<0.36	<0.19	<1.00	<1.00	<1.00
Methylene Chloride	60	1.2	4.5	16	6.4B	7.6	10B	3.1D	1.3	0.76	1.5D	<3.00	120D	<3.00
n-Heptane	NA	1.1	3.5	4.9	2.2	2.7	3.7	2.5D	1.7	0.61	1.4D	3.2	1.5D	1.63
n-Hexane	NA	2	6.1	18	13	2.8	8.4	4.1D	3	0.88	3.5D	5.74	65D	2.44
o-Xylene	NA	0.62	5.4	5.8	2.4	2.6	6.4	1.5D	1.3	0.78	1.1D	2.51	1.1D	3.41
p- & m-Xylene	NA	2.1	13	18	6	8.6	19	4.6D	4.4	3	3.5D	7.29	2.9D	9.55
p-Ethyltoluene	NA	---	---	---	---	---	---	<4.3	1.2	0.69	1.2D	---	1.1D	1.5
Propylene (Propene)	NA	<0.60	<0.60	<0.054	<0.17	<0.16	<0.31	<0.3	2.2	<0.17	0.62D	<1.00	<1.00	<1.00
Styrene	NA	<0.15	3.1	<0.052	1.8	<0.15	2.5	<0.75	<0.43	<0.43	0.32D	<1.00	0.37D	<1.00
Tetrachloroethylene	30	2.6	6.3	6.5	5.6	5.3	<0.32	2.3D	2.1	1	1.2D	3.32	1.4D	1.88
Tetrahydrofuran	NA	1.3	10	4.3	<0.16	2.7	5.4	<0.52	<0.59	1.1	1.3D	14.2	1.4D	<1.00
Toluene	NA	19	35	40	11	44	42	21D	9.5	4.5	5.2D	12.6	8.2D	17
trans-1,2-Dichloroethylene	NA	<0.14	0.24	<0.032	<0.1	<0.096	<0.19	<0.7	<0.4	<0.4	<0.21	<1.00	<1.00	<1.00
trans-1,3-Dichloropropene	NA	<0.16	<0.16	<0.055	<0.18	<0.16	<0.32	<0.8	<0.45	<0.45	<0.24	<1.00	<1.00	<1.00
Trichloroethylene	2	0.21	0.64	0.91	1.5	<0.13	<0.25	<0.47	<0.13	0.16	0.14D	0.54	<0.20	<0.20
Trichlorofluoromethane (Freon 11)	NA	2	2.6	5.1	<0.073	1.9	<0.13	0.99D	1.5	1.7	0.81D	2.77	4.7D	1.32
Vinyl Acetate	NA	<0.12	<0.12	<0.036	<0.11	<0.11	<0.21	<0.62	<0.35	<0.35	<0.19	---	<1.00	---
Vinyl Bromide (Bromoethene)	NA	---	---	<0.044	<0.14	---	---	---	<0.44	<0.44	<0.23	---	<1.00	---
Vinyl Chloride	NA	<0.090	<0.090	<0.042	<0.13	<0.12	<0.24	<0.45	<0.26	<0.26	<0.034	<0.20	<0.20	<0.20

Notes:
 E = The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
 B = Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 D=result is from an analysis that required a dilution
 NA = Not Applicable
 --- Not Analyzed

Table 2
Summary of Indoor and Outdoor Air Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

VOCs (µg/m ³)	Site ID	IA-4	IA-4	IA-4	IA-4	IA-4	IA-4	IA-4	IA-4	IA-4	IA-4	IA-4	IA-4	IA-4	IA-4	IA-4
	Sample #	788110506-02	788110714-02	788110714-03	78811031-02	788120103-02	788120423-02	1177120709-02	1177130206-07	1313160122-04	788161216-02	1398171221-06	1514181220-02	2010735-02	2010735-03	CK05772
	Date	5/6/2011	7/14/2011	7/14/2011	11/1/2011	1/5/2012	4/23/2012	7/10/2012	2/7/2013	1/22/2016	12/16/2016	12/21/2017	12/21/2018	12/15/2020	12/15/2020	12/22/2021
Air Guidance Value	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary
1,1,1,2-Tetrachloroethane	NA	---	---	---	---	---	---	---	---	<0.69	<0.74	<0.37	<1.00	<1.00	<1.00	<1.00
1,1,1-Trichloroethane	NA	0.76	0.99	2.9	2.2	<0.16	1.2	<0.39	<1	<0.55	<0.59	<0.29	<1.00	<1.00	<1.00	<1.00
1,1,2,2-Tetrachloroethane	NA	<0.24	<0.24	<0.24	<0.11	<0.27	<0.36	<0.66	<1.3	<0.69	<0.74	<0.37	<1.00	<1.00	<1.00	<1.00
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.69	1.5	0.7	<0.036	<0.087	<0.12	<0.21	<1.4	<0.77	<0.83	<0.41	<1.00	0.67D	0.72D	<1.00
1,1,2-Trichloroethane	NA	<0.19	<0.19	<0.19	<0.092	<0.22	<0.30	<0.55	<1	<0.55	<0.59	<0.29	<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethane	NA	<0.14	<0.14	<0.14	<0.033	<0.079	<0.11	<0.19	<0.75	<0.4	<0.44	<0.22	<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethylene	NA	<0.14	<0.14	<0.14	<0.040	<0.096	<0.13	<0.24	<0.74	<0.4	<0.43	<0.053	<0.20	<0.20	<0.20	<0.20
1,2,4-Trichlorobenzene	NA	<0.26	<0.26	<0.26	<0.11	<0.26	<0.36	<0.65	<1.4	<0.74	<0.8	<0.4	<1.00	<1.00	<1.00	<1.00
1,2,4-Trimethylbenzene	NA	3.9	7.5	18	8.3	<0.096	<0.13	19	1D	1.6	0.9D	1.5D	6.34	1.6D	1.6D	1.29
1,2-Dibromoethane (EDB)	NA	<0.27	<0.27	<0.27	---	---	<1.7	<3.1	<1.4	<0.77	<0.83	<0.41	<1.00	<1.00	<1.00	<1.00
1,2-Dichlorobenzene	NA	<0.21	<0.21	<0.21	<0.10	<0.24	<0.33	<0.60	<1.1	<0.6	<0.65	<0.32	<1.00	<1.00	<1.00	<1.00
1,2-Dichloroethane	NA	1.2	2.1	5.2	2.3	<0.16	1.9	4.7	1.1D	1.3	0.61D	0.8D	1.47	<1.00	<1.00	<1.00
1,2-Dichloropropane	NA	<0.16	<0.16	<0.16	<0.069	<0.16	<0.22	<0.41	<0.86	<0.46	<0.5	<0.25	<1.00	<1.00	<1.00	<1.00
1,2-Dichlorotetrafluoroethane	NA	<0.25	<0.25	<0.25	<0.081	<0.19	<0.26	<0.48	<1.3	<0.7	<0.75	<0.37	<1.00	<1.00	<1.00	<1.00
1,3,5-Trimethylbenzene	NA	1.5	3	7.8	3.1	1.7	<0.14	7.7	<0.91	0.49	<0.53	0.52D	1.81	0.5D	0.51D	<1.00
1,3-Butadiene	NA	<0.078	<0.078	<0.078	<0.044	<0.11	<0.14	<0.26	<0.81	<1.3	<0.72	<0.35	<1.00	<1.00	<1.00	<1.00
1,3-Dichlorobenzene	NA	<0.21	<0.21	<0.21	<0.073	<0.18	<0.24	<0.43	<1.1	<0.6	<0.65	<0.32	<1.00	<1.00	<1.00	<1.00
1,3-Dichloropropane	NA	---	---	---	---	---	---	---	---	<0.46	<0.5	<0.25	<1.00	<1.00	<1.00	---
1,4-Dichlorobenzene	NA	1	3	9.6	3.5	14	22	22	<1.1	0.6	<0.65	1.6D	<1.00	<1.00	<1.00	<1.00
1,4-Dioxane (P-Dioxane)	NA	---	---	---	<0.22	<0.53	<0.71	<1.3	<0.67	<0.72	<0.78	<0.38	<1.00	<1.00	<1.00	<1.00
2-Butanone (MEK)	NA	3.9	9.9	14	5.8	3.3	<0.26	17	4D	2.5	1.4D	1.8D	9.8	3.5D	3.6D	2.82
2-Hexanone (MBK)	NA	0.44	2	2.3	<0.15	<0.37	<0.49	<0.90	1.7D	<0.82	<0.88	1.3D	<1.00	<1.00	<1.00	<1.00
3-Chloropropene (Allyl Chloride)	NA	---	---	---	<0.038	---	---	---	---	<1.6	<1.7	<0.83	---	<1.2	<1.50	---
4-Methyl-2-pentanone (MIBK)	NA	0.3	0.96	2.1	<0.10	<0.24	<0.32	4.8	<0.76	<0.41	<0.44	0.37D	<1.00	0.71D	0.54D	1.08
Acetone	NA	24	120	56	31B	18	35	96	17D	15	8.9D	7.2D	44.6	23D	25D	13.9
Acrylonitrile	NA	---	---	---	---	---	---	---	---	<0.22	<0.23	<0.12	<1.00	<0.20	<0.20	<1.00
Benzene	NA	0.7	2.3	1.9	4.7	1.2	1.1	2.6	2.1D	1.3	0.62D	0.82D	3.05	1.1D	0.75D	<1.00
Benzyl chloride	NA	<0.18	<0.18	0.51	<0.042	<0.1	<0.14	<0.25	<0.96	<0.52	<0.56	<0.28	<1.00	<1.00	<1.00	<1.00
Bromodichloromethane	NA	<0.24	<0.24	<0.24	<0.10	<0.24	<0.33	<0.60	<1.2	<0.62	<0.72	<0.36	<1.00	<1.00	<1.00	<1.00
Bromoform	NA	<0.36	<0.36	<0.36	<0.13	<0.3	<0.41	<0.75	<1.9	<1	<1.1	<0.55	<1.00	<1.00	<1.00	<1.00
Bromomethane	NA	<0.14	<0.14	<0.14	<0.032	<0.076	<0.10	<0.19	<0.72	<0.39	<0.42	<0.21	<1.00	<1.00	<1.00	<1.00
Carbon Disulfide	NA	<0.11	1.9	0.42	0.27	5.7	3.3	2.6	5.6D	<0.31	<0.34	<0.17	<1.00	<1.00	<1.00	<1.00
Carbon Tetrachloride	NA	0.43	0.57	0.59	<0.051	<0.12	<0.16	<0.30	<0.58	0.44	0.41D	0.34D	0.43	0.55D	0.9D	0.52
Chlorobenzene	NA	<0.16	<0.16	<0.16	<0.056	<0.13	<0.18	<0.33	<0.85	<0.46	<0.5	<0.25	<1.00	<1.00	<1.00	<1.00
Chloroethane	NA	<0.093	<0.093	<0.093	<0.021	<0.051	<0.069	<0.13	<0.49	<0.26	<0.28	<0.14	<1.00	<1.00	<1.00	<1.00
Chloroform	NA	0.83	1.5	2	2.8	<0.12	<0.16	<0.29	1D	0.93	<0.53	0.6D	1.51	0.89D	0.64D	<1.00
Chloromethane	NA	1.1	1.7	1.5	1.3	<0.1	1.1	<0.25	<0.38	1.2	1.2D	0.69D	1.09	1.1D	1.1D	<1.00
cis-1,2-Dichloroethylene	NA	<0.14	<0.14	<0.14	<0.046	<0.11	<0.15	<0.27	<0.74	<0.4	<0.43	<0.053	<0.20	<1.00	<0.20	<0.20
cis-1,3-Dichloropropene	NA	<0.16	<0.16	<0.16	<0.077	<0.18	<0.25	<0.45	<0.84	<0.45	<0.49	<0.24	<1.00	<1.00	<1.00	<1.00
Cyclohexane	NA	0.57	5.1	2.2	2.2	<0.067	<0.090	<0.17	1.5D	0.59	<0.37	0.61D	2.39	0.79D	0.58D	<1.00
Dibromochloromethane (Freon 12)	NA	<0.30	<0.30	<0.30	---	---	<1.8	<3.2	<1.5	<0.8	<0.92	<0.45	<1.00	<1.00	<1.00	<1.00
Dichlorodifluoromethane (Freon 12)	NA	3.3	4.1	4.7	4.5	3.4	2.5	<0.50	<0.92	2	2D	1.4D	2.47	2.6D	2.9D	2.61
Ethyl Acetate	NA	1.8	26	5.7	4.1	<0.15	3.4	<0.36	<0.67	1.1	<0.78	0.75D	1.38	1.8D	1.6D	1.58
Ethylbenzene	NA	1.1	3.5	4.2	5	1.6	2.0	4.5	1.5D	0.96	0.56D	0.93D	2.12	0.86D	0.77D	<1.00
Flexachlorobutadiene	NA	<0.37	<0.37	<0.37	<0.13	<0.31	<0.42	<0.77	<2	<1.1	<1.2	<0.57	<1.00	<1.00	<1.00	<1.00
Isopropanol	NA	7.5	56	24	1.5	<0.14	20	40	12D	6.9	2.6D	1.7D	6.02	22D	16D	13.9
Methyl Methacrylate	NA	---	---	---	---	---	---	---	<0.76	<0.41	<0.44	<0.22	---	0.36D	<1.00	---
Methyl tert-Butyl Ether (MTBE)	NA	<0.13	<0.13	<0.13	<0.029	<0.07	<0.094	<0.17	<0.67	<0.36	<0.39	<0.19	<1.00	<1.00	<1.00	<1.00
Methylene Chloride	60	1.2	55	5.8	14	4.3B	6.1	8.3B	4.2D	1.6	3D	1.2D	<3.00	1.7D	1.3D	<3.00
n-Heptane	NA	0.99	3.4	2.8	5.3	1.5	1.7	3.3	2.7D	1.4	0.44D	1.4D	3.5	1.6D	1.2D	<1.00
n-Hexane	NA	1.5	130	4.9	9.5	2	2.4	6.9	4.2D	2.5	0.49D	2.4D	6.31	2.9D	1.9D	1.29
o-Xylene	NA	1.3	3.5	4.9	5.8	1.8	2.3	5.7	1.1D	1.2	0.66D	1D	2.7	1D	0.98D	<1.00
p- & m-Xylene	NA	3.5	10	12	18	4.9	6.7	16	3.7D	3.8	2.3D	3.4D	7.77	2.7D	2.8D	2.79
p-Ethyltoluene	NA	---	---	---	---	---	---	---	<4.6	1.3	0.74D	1.3D	---	1.2D	1.2D	<1.00
Propylene (Propene)	NA	<0.60	<0.60	<0.60	<0.054	<0.13	<0.17	<0.32	<0.32	2.1	<0.19	0.68D	<1.00	<0.20	<0.20	<1.00
Styrene	NA	0.46	1.9	2.7	<0.052	1.5	<0.17	<0.31	<0.79	<0.43	<0.46	0.34D	<1.00	0.4D	0.4D	<1.00
Tetrachloroethylene	30	2.1	3.6	5.8	6.9	3.1	3.3	4.6	1.9D	1.7	1.3D	1.1D	2.56	1.6D	1.2D	1.32
Tetrahydrofuran	NA	0.94	5.5	7.2	4.5	1.5	<0.16	<0.30	<0.55	<0.59	<0.64	<0.31	8.22	1.7D	1.3D	2.53
Toluene	NA	14	29	28	41	8.8	25	34	16D	7.5	2.8D	5D	13.4	8.4D	8.1D	4.56
trans-1,2-Dichloroethylene	NA	<0.14	<0.14	0.16	<0.032	<0.077	<0.10	<0.19	<0.74	<0.4	<0.43	<0.21	<1.00	<1.00	<1.00	<1.00
trans-1,3-Dichloropropene	NA	<0.16	<0.16	<0.16	<0.055	<0.13	<0.18	<0.33	<0.84	<0.45	<0.49	<0.24	<1.00	<1.00	<1.00	<1.00
Trichloroethylene	2	<0.19	0.47	0.55	0.98	<0.1	<0.14	<0.26	<0.5	<0.13	<0.14	0.14D	0.35	<0.20	<0.20	<0.20
Trichlorofluoromethane (Freon 11)	NA	1.9	3.4	3.3	3.6	<0.055	2.2	<0.14	1.1D	1.5	1.6D	0.81D	3.55	1.7D	1.8D	1.48
Vinyl Acetate	NA	<0.12	<0.12	<0.12	<0.036	<0.086	<0.12	<0.21	<0.65	<0.35	<0.38	<0.19	---	<1.00	<1.00	---
Vinyl Bromide (Bromoethene)	NA	---	---	---	<0.044	<0.11	---	---	---	<0.44	<0.47	---	<1.00	<1.00	<1.00	---
Vinyl Chloride	NA	<0.090	<0.090	<0.090	<0.042	<0.099	<0.13	<0.25	<0.47	<0.26	<0.28	<0.034	<0.20	<0.20	<0.20	<0.20

Notes:
 E = The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
 B = Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 D=result is from an analysis that required a dilution
 NA = Not Applicable
 --- Not Analyzed

Table 2
Summary of Indoor and Outdoor Air Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

VOCs (µg/m ³)	Site ID	IA-5	IA-5	IA-5	IA-5	IA-5	IA-5	IA-5	IA-5	IA-5	IA-5	IA-5	IA-5	IA-5	IA-5	IA-5	IA-5	IA-5
	Sample #	788110506-03	788110714-04	788110103-03	788120103-03	788120423-03	177120709-04	1177130206-09	788141222-03	1313160122-07	1313160122-08	788161216-03	788161216-04	1398171221-05	1514181220-03	1514181220-04	2010735-04	CK05766
	Date	5/6/2011	7/14/2011	11/1/2011	1/5/2012	4/23/2012	7/10/2012	2/7/2013	12/22/2014	1/22/2016	1/22/2016	12/16/2016	12/16/2016	12/21/2017	12/21/2018	12/21/2018	12/15/2020	12/22/2021
Air Guidance Value	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Duplicate	Primary	Primary	
1,1,1,2-Tetrachloroethane	NA	---	---	---	---	---	---	---	---	<0.74	<0.69	<0.84	<0.69	<0.37	<1.00	<1.00	<1.00	<1.00
1,1,1-Trichloroethane	NA	<0.19	0.56	<0.067	<0.23	<0.19	<0.40	<1	<0.55	<0.59	<0.55	<0.67	<0.55	<0.29	<1.00	<1.00	<1.00	<1.00
1,1,2,2-Tetrachloroethane	NA	<0.24	<0.24	<0.11	<0.38	<0.32	<0.67	<1.3	<0.69	<0.74	<0.69	<0.84	<0.69	<0.37	<1.00	<1.00	<1.00	<1.00
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.63	0.72	<0.036	<0.12	6.5	<0.22	<1.5	<0.77	<0.82	<0.77	<0.94	<0.77	<0.41	<1.00	<1.00	<1.00	<1.00
1,1,2-Trichloroethane	NA	<0.19	<0.19	<0.092	<0.32	<0.26	<0.55	<1	<0.55	<0.59	<0.55	<0.67	<0.55	<0.29	<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethane	NA	<0.14	<0.14	<0.033	<0.11	<0.093	<0.20	<0.77	<0.4	<0.44	<0.4	<0.5	<0.4	<0.22	<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethylene	NA	<0.14	<0.14	<0.040	<0.14	<0.11	<0.24	<0.76	<0.4	<0.43	<0.4	<0.49	<0.4	<0.053	<0.20	<0.20	<0.20	<0.20
1,2,4-Trichlorobenzene	NA	<0.26	<0.26	<0.11	<0.38	<0.31	<0.66	<1.4	<0.74	<0.8	<0.74	<0.91	<0.74	<0.4	<1.00	<1.00	<1.00	<1.00
1,2,4-Trimethylbenzene	NA	3.2	8.4	2.7	<0.14	<0.11	24	<0.94	0.54	<0.53	<0.49	0.84D	2.2	0.76D	1.17	1.32	1.7D	2.54
1,2-Dibromoethane (EDB)	NA	<0.27	<0.27	---	---	<1.5	<3.1	<1.5	<0.77	<0.83	<0.77	<0.94	<0.77	<0.41	<1.00	<1.00	<1.00	<1.00
1,2-Dichlorobenzene	NA	<0.21	<0.21	<0.10	<0.35	<0.29	<0.61	<1.1	<0.6	<0.65	<0.6	<0.74	<0.6	<0.32	<1.00	<1.00	<1.00	<1.00
1,2-Dichloroethane	NA	0.19	1.1	<0.066	<0.23	<0.19	<0.40	<0.77	<0.4	<0.44	<0.4	<0.5	<0.4	0.22D	<1.00	<1.00	0.34D	<1.00
1,2-Dichloropropane	NA	<0.16	<0.16	<0.069	<0.24	<0.19	<0.41	<0.88	<0.46	<0.5	<0.46	<0.57	<0.46	<0.25	<1.00	<1.00	<1.00	<1.00
1,2-Dichlorotetrafluoroethane	NA	<0.25	<0.25	<0.081	<0.28	<0.23	<0.48	<1.3	<0.7	<0.75	<0.7	<0.86	<0.7	<0.37	<1.00	<1.00	<1.00	<1.00
1,3,5-Trimethylbenzene	NA	1.2	3	1.1	<0.15	<0.12	7.6	<0.94	<0.49	<0.53	<0.49	<0.6	<0.49	0.26D	<1.00	<1.00	0.69D	<1.00
1,3-Butadiene	NA	<0.078	<0.078	<0.044	<0.15	<0.12	<0.26	<0.83	<0.43	<1.4	<1.3	<0.81	<0.66	<0.35	<1.00	<1.00	<1.00	<1.00
1,3-Dichlorobenzene	NA	<0.21	<0.21	<0.073	<0.25	<0.21	<0.44	<1.1	<0.6	<0.65	<0.6	<0.74	<0.6	<0.32	<1.00	<1.00	<1.00	<1.00
1,3-Dichloropropane	NA	---	---	---	---	---	---	---	---	<0.5	<0.46	<0.57	<0.46	<0.25	<1.00	<1.00	<1.00	---
1,4-Dichlorobenzene	NA	<0.21	1.2	<0.090	<0.31	<0.25	3.7	<1.1	<0.6	<0.65	<0.6	<0.74	<0.6	<0.32	<1.00	<1.00	<1.00	<1.00
1,4-Dioxane (P-Dioxane)	NA	---	---	<0.22	<0.75	<0.62	<1.3	<0.69	<0.36	<0.77	<0.72	<0.88	<0.72	<0.38	<1.00	<1.00	<1.00	<1.00
2-Butanone (MEK)	NA	4.3	5.8	6.8	4	4	2D	<0.56	0.8	2D	0.8	0.69D	1.2	0.68D	1.34	1.59	2.4D	3.33
2-Hexanone (MBK)	NA	0.78	1.1	<0.15	<0.52	<0.43	<0.92	<0.78	<0.82	<0.88	<0.82	<1	<0.82	<0.44	<1.00	<1.00	<1.00	<1.00
3-Chloropropene (Allyl Chloride)	NA	---	---	<0.038	<0.13	---	---	---	---	<1.7	<1.6	<1.9	<1.6	<0.83	<1.00	<1.00	<1.00	<1.00
4-Methyl-2-pentanone (MIBK)	NA	0.24	0.54	<0.10	<0.34	<0.28	<0.60	<0.78	<0.41	<0.44	<0.41	<0.5	<0.41	<0.22	<1.00	<1.00	0.65D	<1.00
Acetone	NA	26	32	40B	20	24	85	6.4D	4.4	8.9D	4.8	6.6D	8.1	4D	14.2	15.2	13D	12.1
Acrylonitrile	NA	---	---	---	---	---	---	---	---	<0.23	<0.22	<0.27	<0.22	<0.12	<1.00	<1.00	<0.20	<1.00
Benzene	NA	1.5	1.8	2.9	<0.11	<0.092	5.1	1.2D	0.73	0.69D	0.61	1.6D	1.8	0.78D	1.61	1.4D	1.9D	1.16
Benzyl chloride	NA	<0.18	<0.18	<0.042	<0.14	<0.12	<0.25	<0.99	<0.52	<0.56	<0.52	<0.64	<0.52	<0.28	<1.00	<1.00	<1.00	<1.00
Bromodichloromethane	NA	<0.24	<0.24	<0.10	<0.35	<0.29	<0.61	<1.2	<0.62	<0.67	<0.62	<0.82	<0.67	<0.36	<1.00	<1.00	<1.00	<1.00
Bromoform	NA	<0.36	<0.36	<0.13	<0.43	<0.36	<0.76	<2	<1	<1.1	<1	<1.3	<1	<0.55	<1.00	<1.00	<1.00	<1.00
Bromomethane	NA	<0.14	<0.14	<0.032	<0.11	<0.089	<0.19	<0.74	<0.39	<0.42	<0.39	<0.48	<0.39	<0.21	<1.00	<1.00	<1.00	<1.00
Carbon Disulfide	NA	0.13	0.26	0.34	8.7	2.9	2.2	4D	<0.31	<0.33	<0.31	<0.38	<0.31	<0.17	<1.00	<1.00	<1.00	<1.00
Carbon Tetrachloride	NA	0.49	1.1	<0.051	<0.18	<0.14	<0.31	<0.6	0.38	0.41D	<0.16	0.39D	0.38	0.37D	0.43	0.44	0.57D	0.51
Chlorobenzene	NA	<0.16	<0.16	<0.056	<0.19	<0.16	<0.34	<0.88	<0.46	<0.49	<0.46	<0.56	<0.46	<0.25	<1.00	<1.00	<1.00	<1.00
Chloroethane	NA	<0.093	<0.093	<0.021	<0.073	<0.061	<0.13	<0.5	<0.26	<0.28	<0.26	<0.32	<0.26	<0.14	<1.00	<1.00	<1.00	<1.00
Chloroform	NA	<0.17	0.54	0.76	<0.17	<0.14	<0.30	<0.93	<0.49	<0.52	<0.49	<0.6	<0.49	<0.26	<1.00	<1.00	0.53D	<1.00
Chloromethane	NA	1	1.3	1.9	<0.14	1.1	<0.25	<0.39	1	1.2D	0.93	1.1D	1.1	0.83D	1.08	1.14	1.1D	<1.00
cis-1,2-Dichloroethylene	NA	<0.14	0.41	<0.046	<0.16	<0.13	<0.27	<0.76	<0.4	<0.43	<0.4	<0.49	<0.4	<0.053	<0.20	<0.20	<0.20	<0.20
cis-1,3-Dichloropropene	NA	<0.16	<0.16	<0.077	<0.26	<0.22	<0.46	<0.87	<0.45	<0.49	<0.45	<0.56	<0.45	<0.24	<1.00	<1.00	<1.00	<1.00
Cyclohexane	NA	1.2	2.3	2.8	<0.096	1.6	4.5	0.92D	<0.34	0.7D	0.59	2.6D	2.4	0.77D	2.04	2.09	1.4D	5.06
Dibromochloromethane	NA	<0.30	<0.30	---	---	<1.5	<3.3	<1.5	<0.8	<0.86	<0.8	<1	<0.85	<0.45	<1.00	<1.00	<1.00	<1.00
Dichlorodifluoromethane (Freon 12)	NA	2.9	3.5	3.3	<0.29	2.6	<0.50	<0.94	1.8	1.9D	1.8	1.9D	1.9	1.6D	2.61	2.68	2.7D	2.54
Ethyl Acetate	NA	<0.13	<0.13	<0.061	<0.21	<0.17	<0.37	<0.69	<0.72	1.2D	0.97	1.7D	<0.72	0.94D	2.54	2.68	1.4D	7.35
Ethylbenzene	NA	0.94	2.9	2	<0.18	2.7	7.1	<0.83	<0.43	<0.47	<0.43	0.85D	1.4	0.58D	<1.00	<1.00	1.5D	1.01
Hexachlorobutadiene	NA	<0.37	<0.37	<0.13	<0.45	<0.37	<0.78	<2	<1.1	<1.1	<1.1	<1.3	<1.1	<0.57	<1.00	<1.00	<1.00	<1.00
Isopropanol	NA	1.2	10	1.1	<0.2	30	14	2.1D	3.6	<0.53	14	<0.6	<0.49	0.43D	4.03	3.98	10D	7.79
Methyl Methacrylate	NA	---	---	---	---	---	---	<0.78	<0.41	<0.44	<0.41	<0.5	<0.41	<0.22	<1.00	<1.00	<1.00	---
Methyl tert-Butyl Ether (MTBE)	NA	<0.13	<0.13	<0.029	<0.1	<0.083	<0.18	<0.69	<0.36	<0.39	<0.36	<0.44	<0.36	<0.19	<1.00	<1.00	<1.00	<1.00
Methylene Chloride	60	0.66	1.8	28	3.8B	11	3.5B	2.8D	13	0.9D	3.6	5.9D	1.5	1.9D	<3.00	<3.00	6D	<3.00
n-Heptane	NA	1.5	3.5	2.8	<0.11	6.0	7.7	1.7D	<0.41	0.48D	<0.41	2.1D	1.9	0.79D	1.21	1.33	1.7D	2.05
n-Hexane	NA	6.1	7.8	97	5.2	11	22	2.1D	3.8	1.2D	2.3	5.3D	4.8	5.2D	1.67	1.71	5.7D	3.4
o-Xylene	NA	1.2	3.9	2.3	<0.18	2.6	8.7	<0.83	<0.43	<0.47	<0.43	1.1D	1.3	0.6D	<1.00	<1.00	2D	1.29
p- & m-Xylene	NA	3.2	10	6.5	2.5	9.6	25	1.2D	<0.87	<0.93	<0.87	4D	5.6	2.3D	2.33	2.23	5.2D	3.5
p-Ethyltoluene	NA	---	---	---	---	---	---	<4.7	<0.49	<0.53	<0.49	0.9D	2.3	0.89D	---	---	2D	2.24
Propylene (Propene)	NA	<0.60	<0.60	<0.054	<0.18	<0.15	<0.32	<0.33	<0.17	0.93D	<0.17	<0.21	<0.17	0.25D	<1.00	<1.00	<0.20	<1.00
Styrene	NA	<0.15	0.8	<0.052	1.6	<0.15	<0.31	<0.81	<0.43	<0.46	<0.43	<0.52	<0.43	<0.23	<1.00	<1.00	<1.00	<1.00
Tetrachloroethylene	30	0.93	2.5	1.6	<0.19	2.9	<0.33	<1.3	<0.17	<0.18	<0.17	0.5D	0.41	1.2D	2.63	2.58	1.2D	1.34
Tetrahydrofuran	NA	1.2	3.3	3.9	<0.17	5.3	12	<0.56	<0.29	<0.63	<0.59	<0.72	<0.59	<0.31	<1.00	<1.00	1.2D	2.52
Toluene	NA	7.9	18	14	2.4	81	69	4.7D	2.1	2D	1.5	8.7D						

Table 2
Summary of Indoor and Outdoor Air Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

VOCs (µg/m ³)	Site ID	IA-6	IA-6	IA-6	IA-6	IA-6	IA-6	IA-6	IA-6	IA-6	IA-6	IA-6	IA-6	IA-6
	Sample #	788110506-04	788110714-05	788111031-04	788120103-04	788120423-04	1177120709-03	1177130206-08	788141222-04	1313160122-06	788161216-05	1514181220-05	2010735-05	CK05772
	Date	5/6/2011	7/14/2011	11/1/2011	1/5/2012	4/23/2012	4/25/2012	2/7/2013	12/22/2014	1/22/2016	12/16/2016	12/21/2018	12/15/2020	12/22/2021
Air Guidance Value	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
1,1,1,2-Tetrachloroethane	NA	---	---	---	---	---	---	---	---	<0.69	<0.69	<1.00	<1.00	<1.00
1,1,1-Trichloroethane	NA	<0.19	0.36	<0.067	<0.17	<0.16	<0.37	<1	<0.55	<0.55	<0.55	<1.00	<1.00	<1.00
1,1,2,2-Tetrachloroethane	NA	<0.24	<0.24	<0.11	<0.28	<0.28	<0.62	<1.3	<0.69	<0.69	<0.69	<1.00	<1.00	<1.00
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.7	0.69	<0.036	4.3	<0.090	<0.20	<1.5	<0.77	<0.77	<0.77	<1.00	<1.00	<1.00
1,1,2-Trichloroethane	NA	<0.19	<0.19	<0.092	<0.23	<0.23	<0.51	<1	<0.55	<0.55	<0.55	<1.00	<1.00	<1.00
1,1-Dichloroethane	NA	<0.14	<0.14	<0.033	<0.082	<0.081	<0.18	<0.78	<0.4	<0.4	<0.4	<1.00	<1.00	<1.00
1,1-Dichloroethylene	NA	<0.14	<0.14	<0.040	<0.1	<0.10	<0.22	<0.76	<0.4	<0.4	<0.4	<0.20	<0.20	<0.20
1,2,4-Trichlorobenzene	NA	<0.26	<0.26	<0.11	<0.28	<0.27	<0.62	<1.4	<0.74	<0.74	<0.74	<1.00	<1.00	<1.00
1,2,4-Trimethylbenzene	NA	0.56	3.9	2.9	<0.099	4.8	14	<0.94	2.2	<0.49	3.3	2.8	0.68D	1.92
1,2-Dibromoethane (EDB)	NA	<0.27	<0.27	---	---	<1.3	<2.9	<1.5	<0.77	<0.77	<0.77	<1.00	<1.00	<1.00
1,2-Dichlorobenzene	NA	<0.21	<0.21	<0.10	<0.25	<0.25	<0.57	<1.2	<0.6	<0.6	<0.6	<1.00	<1.00	<1.00
1,2-Dichloroethane	NA	<0.14	0.67	<0.066	<0.16	<0.16	<0.37	1D	<0.4	<0.4	<0.4	<1.00	<1.00	<1.00
1,2-Dichloropropane	NA	<0.16	<0.16	<0.069	<0.17	<0.17	<0.38	<0.89	<0.46	<0.46	<0.46	<1.00	<1.00	<1.00
1,2-Dichlorotetrafluoroethane	NA	<0.25	<0.25	<0.081	<0.2	<0.20	<0.45	<1.3	<0.7	<0.7	<0.7	<1.00	<1.00	<1.00
1,3,5-Trimethylbenzene	NA	0.21	1.5	1.3	<0.11	<0.11	4.4	<0.94	0.69	<0.49	1.1	<1.00	<1.00	<1.00
1,3-Butadiene	NA	<0.078	<0.078	<0.044	<0.11	<0.11	<0.25	<0.83	<0.43	<1.3	<0.66	<1.00	<1.00	<1.00
1,3-Dichlorobenzene	NA	<0.21	<0.21	<0.073	<0.18	<0.18	<0.41	<1.2	<0.6	<0.6	<0.6	<1.00	<1.00	<1.00
1,3-Dichloropropane	NA	---	---	---	---	---	---	---	<0.46	<0.46	<0.46	<1.00	<1.00	<1.00
1,4-Dichlorobenzene	NA	<0.21	0.91	0.98	<0.22	<0.22	<0.50	<1.2	<0.6	<0.6	7	---	0.55D	<1.00
1,4-Dioxane (P-Dioxane)	NA	---	---	<0.22	<0.55	<0.54	<1.2	<0.69	<0.36	<0.72	<0.72	<1.00	<1.00	<1.00
2-Butanone (MEK)	NA	1.5	5.1	4.7	8.8	<0.20	10	2.6D	2.7	1.5	2.3	3.65	4.8D	17.8
2-Hexanone (MBK)	NA	<0.14	0.74	<0.15	<0.38	<0.38	<0.85	<0.79	<0.82	<0.82	<0.82	<1.00	<1.00	<1.00
3-Chloropropene (Allyl Chloride)	NA	---	---	<0.038	<0.095	---	---	---	<1.6	<1.6	---	<1.20	---	---
4-Methyl-2-pentanone (MIBK)	NA	<0.14	0.49	<0.10	<0.25	<0.25	<0.56	<0.79	<0.41	<0.41	<0.41	<1.00	<1.00	<1.00
Acetone	NA	9.9	32	16B	160E	45	110	11D	19	16	32	58.2	29D	41.5
Acrylonitrile	NA	---	---	---	---	---	---	---	<0.22	<0.22	<0.22	<1.00	<0.20	<1.00
Benzene	NA	0.45	0.58	2.6	<0.081	0.91	<0.18	1.2D	1.2	0.96	0.38	1.96	0.73D	<1.00
Benzyl chloride	NA	<0.18	<0.18	<0.042	<0.1	<0.10	<0.23	<0.99	<0.52	<0.52	<0.52	<1.00	<1.00	<1.00
Bromodichloromethane	NA	<0.24	<0.24	<0.10	<0.25	<0.25	<0.56	2.7D	<0.62	<0.62	<0.62	<1.00	<1.00	<1.00
Bromoform	NA	<0.36	<0.36	<0.13	<0.31	<0.31	<0.70	<2	<1	<1	<1	<1.00	<1.00	<1.00
Bromomethane	NA	<0.14	<0.14	<0.032	<0.079	<0.078	<0.18	<0.75	<0.39	<0.39	<0.39	<1.00	<1.00	<1.00
Carbon Disulfide	NA	<0.11	0.25	0.32	5.9	2.9	3.2	4.6D	0.4	<0.31	<0.31	<1.00	<1.00	<1.00
Carbon Tetrachloride	NA	0.6	0.69	<0.051	<0.13	<0.13	<0.28	<0.6	0.44	0.5	0.44	0.48	0.53D	0.53
Chlorobenzene	NA	<0.16	<0.16	<0.056	<0.14	<0.14	<0.31	<0.88	<0.46	<0.46	<0.46	<1.00	<1.00	<1.00
Chloroethane	NA	<0.093	<0.093	<0.021	<0.053	<0.053	<0.12	<0.51	<0.26	<0.26	<0.26	<1.00	<0.20	<1.00
Chloroform	NA	<0.17	0.37	0.7	<0.12	<0.12	<0.28	<0.94	<0.49	<0.49	<0.49	<1.00	<1.00	<1.00
Chloromethane	NA	1.1	1.2	1.2	<0.1	1.3	<0.23	<0.4	1.2	1.4	1.2	1.21	1.4D	<1.00
cis-1,2-Dichloroethylene	NA	<0.14	<0.14	<0.046	<0.11	<0.11	<0.25	<0.76	<0.4	<0.4	<0.4	<0.20	<0.20	<0.20
cis-1,3-Dichloropropene	NA	<0.16	<0.16	<0.077	<0.19	<0.19	<0.43	<0.87	<0.45	<0.45	<0.45	<1.00	<1.00	<1.00
Cyclohexane	NA	<0.12	<0.12	0.7	1.2	<0.069	<0.16	1.1D	0.62	4.2	1.3	13	5D	31.8
Dibromochloromethane	NA	<0.30	<0.30	---	---	<1.3	<3.0	<1.5	<0.8	<0.8	<0.85	<1.00	<1.00	<1.00
Dichlorodifluoromethane (Freon 12)	NA	3	3.2	2.9	3	2.4	<0.47	<0.95	1.9	2.4	2	2.51	2.3D	2.53
Ethyl Acetate	NA	1.1	1.1	<0.061	<0.15	<0.15	<0.34	<0.69	<0.72	6.8	14	15.4	10D	53.3
Ethylbenzene	NA	0.29	0.86	2	2.8	13	12	1.6D	6.1	0.61	2.6	<1.00	<1.00	<1.00
Hexachlorobutadiene	NA	<0.37	<0.37	<0.13	<0.32	<0.32	<0.72	<2	<1.1	<1.1	<1.1	<1.00	<1.00	<1.00
Isopropanol	NA	0.92	4.4	<0.035	53	20	17	7.6D	23	5.6	10	24.4	34D	39.6
Methyl Methacrylate	NA	---	---	---	---	---	<0.79	<0.41	<0.41	<0.41	0.49	---	<1.00	---
Methyl tert-Butyl Ether (MTBE)	NA	<0.13	<0.13	<0.029	<0.073	<0.072	<0.16	<0.69	<0.36	<0.36	<0.36	<1.00	<1.00	<1.00
Methylene Chloride	60	1.1	2.4	1.9	9.4B	2.8	3.0B	2.9D	4.1	19	2.4	<3.00	0.85D	<3.00
n-Heptane	NA	0.37	1.5	1.6	<0.083	1.6	<0.19	2.4D	1.1	0.78	0.45	3.16	1.3D	6.23
n-Hexane	NA	0.84	1.6	3.2	100	1.9	<0.16	1.7D	2.6	19	<0.35	3.35	1.1D	2.93
o-Xylene	NA	0.3	1.1	2	2.1	11	11	1.3D	7.4	0.48	3.4	1.18	<1.00	1.21
p- & m-Xylene	NA	0.87	2.7	5.5	5.5	33	33	4D	24	1.8	11	3.2	0.8D	3.25
p-Ethyltoluene	NA	---	---	---	---	---	<4.7	2.1	<0.49	3	---	0.56D	---	1.75
Propylene (Propene)	NA	<0.60	1.4	<0.054	<0.13	<0.13	<0.30	<0.33	<0.17	1.2	<0.17	<1.00	<0.20	<1.00
Styrene	NA	<0.15	0.84	<0.052	2.1	29	27	2D	<0.43	<0.43	<0.43	<1.00	<1.00	<1.00
Tetrachloroethylene	30	0.52	1.0	1.7	<0.14	3.3	3.3	<1.3	0.68	0.68	5.8	18.2	1.6D	65.3
Tetrahydrofuran	NA	0.12	1.00	1.4	2.9	2.7	<0.28	<0.57	9.9	<0.59	<0.59	1.44	0.95D	5.07
Toluene	NA	5.3	9.2	2.5	13	39	25	6.9D	42	9.5	6.7	7.04	2.7D	23
trans-1,2-Dichloroethylene	NA	<0.14	<0.14	<0.032	<0.08	<0.080	<0.18	<0.76	<0.4	<0.4	<0.4	<1.00	<1.00	<1.00
trans-1,3-Dichloropropene	NA	<0.16	<0.16	<0.055	<0.14	<0.14	<0.31	<0.87	<0.45	<0.45	<0.45	<1.00	<1.00	<1.00
Trichloroethylene	2	<0.19	<0.19	0.51	<0.11	<0.11	<0.24	<0.52	<0.13	<0.13	<0.13	0.42	<0.20	<0.20
Trichlorofluoromethane (Freon 11)	NA	2.2	8.7	5	4.2	2.9	4.2	1.6D	3.7	2.1	1.5	6.91	2.6D	3.52
Vinyl Acetate	NA	0.45	<0.12	<0.036	<0.089	<0.088	<0.20	<0.68	<0.35	<0.35	<0.35	---	<1.00	---
Vinyl Bromide (Bromoethene)	NA	---	---	<0.044	<0.11	---	---	---	<0.44	<0.44	---	<1.00	---	---
Vinyl Chloride	NA	<0.090	<0.090	<0.042	<0.1	<0.10	<0.23	<0.49	<0.064	<0.26	<0.26	<0.20	<0.20	<0.20

Notes:

E = The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.

B = Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

D=result is from an analysis that required a dilution

NA = Not Applicable

--- Not Analyzed

Table 2
Summary of Indoor and Outdoor Air Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

VOCs (µg/m ³)	Site ID	1A-7	1A-7	1A-7	1A-7	1A-7	1A-7	1A-7	1A-7	1A-7	1A-7	1A-7
	Sample #	788110506-06	788110506-07	788110714-07	788111031-06	788111031-07	788120103-05	788120103-06	788120423-06	788120423-07	1177120709-06	1177120709-07
	Date	5/6/2011	5/6/2011	7/14/2011	11/1/2011	11/1/2011	1/3/2012	1/3/2012	4/23/2012	4/23/2012	7/10/2012	7/10/2012
Air Guidance Value	Primary	Duplicate	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Duplicate	Primary	Duplicate	
1,1,1,2-Tetrachloroethane	NA	---	---	---	---	---	---	---	---	---	---	---
1,1,1-Trichloroethane	NA	<0.19	<0.19	<0.19	<0.33	<0.13	<0.18	<0.2	<0.17	<0.19	<0.37	<0.35
1,1,2,2-Tetrachloroethane	NA	<0.24	<0.24	<0.24	<0.56	<0.22	<0.3	<0.33	<0.28	<0.32	<0.63	<0.59
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.65	0.6	0.65	<0.18	8	<0.099	<0.11	4.2	<0.10	<0.20	<0.19
1,1,2-Trichloroethane	NA	<0.19	<0.19	<0.19	<0.46	<0.18	<0.25	<0.27	<0.24	<0.26	<0.52	<0.49
1,1-Dichloroethane	NA	<0.14	<0.14	<0.14	<0.16	<0.066	<0.09	<0.097	<0.084	<0.094	<0.18	<0.18
1,1-Dichloroethylene	NA	<0.14	<0.14	<0.14	<0.2	<0.081	<0.11	<0.12	<0.10	<0.11	<0.23	<0.21
1,2,4-Trichlorobenzene	NA	<0.26	<0.26	<0.26	<0.55	<0.22	<0.3	<0.33	<0.28	<0.31	<0.62	<0.59
1,2,4-Trimethylbenzene	NA	1.1	1.1	0.19	<0.2	2.2	<0.11	<0.12	<0.10	<0.11	<0.22	<0.21
1,2-Dibromoethane (EDB)	NA	<0.27	<0.27	<0.27	---	---	---	---	<1.3	<1.5	<2.9	<2.8
1,2-Dichlorobenzene	NA	<0.21	<0.21	<0.21	<0.51	<0.2	<0.28	<0.3	<0.26	<0.29	<0.57	<0.54
1,2-Dichloroethane	NA	0.18	0.18	<0.14	<0.33	<0.13	<0.18	<0.19	<0.17	<0.19	<0.37	<0.35
1,2-Dichloropropane	NA	<0.16	<0.16	<0.16	<0.34	<0.14	<0.19	<0.2	<0.18	<0.20	<0.39	<0.37
1,2-Dichlorotetrafluoroethane	NA	<0.25	<0.25	<0.25	<0.40	<0.16	<0.22	<0.24	<0.21	<0.23	<0.45	<0.43
1,3,5-Trimethylbenzene	NA	0.37	0.37	<0.17	<0.22	<0.087	1.8	2.1	<0.11	<0.12	<0.24	<0.23
1,3-Butadiene	NA	<0.078	<0.078	<0.078	<0.22	<0.088	<0.12	<0.13	<0.11	<0.13	<0.25	<0.23
1,3-Dichlorobenzene	NA	<0.21	<0.21	<0.21	<0.37	<0.15	<0.2	<0.22	<0.19	<0.21	<0.41	<0.39
1,3-Dichloropropane	NA	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	NA	<0.21	<0.21	<0.21	<0.45	<0.18	<0.24	<0.26	<0.23	<0.25	<0.50	<0.48
1,4-Dioxane (P-Dioxane)	NA	---	---	---	<1.1	<0.44	<0.6	<0.65	<0.56	<0.63	<1.2	<1.2
2-Butanone (MEK)	NA	4.5	5.9	3.9	7.9	3.6	26	27	<0.20	<0.23	9	7.8
2-Hexanone (MBK)	NA	<0.14	0.54	0.78	<0.76	<0.31	<0.42	<0.45	<0.39	<0.43	<0.86	<0.81
3-Chloropropene (Allyl Chloride)	NA	---	---	---	<0.19	<0.076	<0.1	<0.11	---	---	---	---
4-Methyl-2-pentanone (MIBK)	NA	0.15	<0.14	0.2	<0.5	<0.2	6.7	7.5	<0.25	<0.28	<0.56	<0.53
Acetone	NA	24	29	22	20	30	86	64	38	29	140	130
Acrylonitrile	NA	---	---	---	---	---	---	---	---	---	---	---
Benzene	NA	0.37	0.39	0.23	3.6	1.8	<0.089	<0.096	<0.083	<0.092	<0.18	<0.17
Benzyl chloride	NA	<0.18	<0.18	<0.18	<0.21	<0.084	<0.11	<0.12	<0.11	<0.12	<0.24	<0.22
Bromodichloromethane	NA	<0.24	<0.24	<0.24	<0.51	<0.2	<0.28	<0.3	<0.26	<0.29	<0.57	<0.54
Bromoform	NA	<0.36	<0.36	<0.36	<0.63	<0.25	<0.34	<0.37	<0.32	<0.36	<0.71	<0.67
Bromomethane	NA	<0.14	<0.14	<0.14	<0.16	<0.063	<0.086	<0.093	<0.080	<0.090	<0.18	<0.17
Carbon Disulfide	NA	<0.11	<0.11	<0.11	<0.13	<0.051	6.2	6.9	2.6	2.9	2	1.8
Carbon Tetrachloride	NA	0.6	0.58	0.54	<0.26	<0.1	<0.14	<0.15	<0.13	<0.14	<0.29	<0.27
Chlorobenzene	NA	<0.16	<0.16	<0.16	<0.28	<0.11	<0.15	<0.17	<0.14	<0.16	<0.31	<0.30
Chloroethane	NA	<0.093	<0.093	<0.093	<0.11	<0.043	<0.059	<0.063	<0.055	<0.061	<0.12	<0.11
Chloroform	NA	<0.17	0.19	<0.17	<0.25	<0.099	<0.14	<0.15	<0.13	<0.14	<0.28	<0.26
Chloromethane	NA	1.1	1.1	1.1	1.5	1.3	<0.11	<0.12	1.2	1.2	<0.24	<0.22
cis-1,2-Dichloroethylene	NA	<0.14	<0.14	<0.14	<0.23	<0.091	<0.12	<0.13	<0.12	<0.13	<0.26	<0.24
cis-1,3-Dichloropropene	NA	<0.16	<0.16	<0.16	<0.38	<0.15	<0.21	<0.23	<0.20	<0.22	<0.43	<0.41
Cyclohexane	NA	<0.12	0.28	<0.12	<0.14	2.1	<0.076	<0.083	<0.071	<0.080	<0.16	<0.15
Dibromochloromethane	NA	<0.30	<0.30	<0.30	---	---	---	---	<1.4	<1.5	<3.0	<2.9
Dichlorodifluoromethane (Freon 12)	NA	2.8	3	2.9	<0.42	3.2	3.1	3.2	2.4	2.5	<0.47	<0.45
Ethyl Acetate	NA	2.7	2.8	<0.15	<0.31	<0.12	<0.17	<0.18	<0.16	<0.17	<0.34	<0.33
Ethylbenzene	NA	0.47	0.47	<0.15	5.4	1.9	2.2	2.2	<0.13	<0.15	2.8	3
Hexachlorobutadiene	NA	<0.37	<0.37	<0.37	<0.65	<0.26	<0.36	<0.38	<0.33	<0.37	<0.73	<0.69
Isopropanol	NA	1.7	1.8	1.9	16	6.7	12	<0.17	4.5	4.0	<0.33	<0.31
Methyl Methacrylate	NA	---	---	---	---	---	---	---	---	---	---	---
Methyl tert-Butyl Ether (MTBE)	NA	<0.13	<0.13	<0.13	<0.15	<0.059	<0.08	<0.086	<0.075	<0.083	<0.16	<0.16
Methylene Chloride	60	0.79	0.73	0.74	<0.28	33	5.3B	3.1B	7.1	4.9	3.2B	3.0B
n-Heptane	NA	3.7	3.6	<0.14	3.5	2.1	<0.091	<0.098	2.3	2.4	<0.19	<0.18
n-Hexane	NA	0.69	0.68	1.4	<0.14	110	31	9.9	9.2	5.0	<0.16	<0.15
o-Xylene	NA	0.49	0.48	<0.15	4.4	1.9	3.2	3.5	<0.13	<0.15	2.8	4.4
p- & m-Xylene	NA	1.5	1.5	0.33	13	5.4	7.2	7.7	<0.25	<0.28	8.7	12
p-Ethyltoluene	NA	---	---	---	---	---	---	---	---	---	---	---
Propylene (Propene)	NA	<0.60	<0.60	1	<0.27	<0.11	<0.15	<0.16	<0.14	<0.15	<0.30	<0.29
Styrene	NA	0.27	0.29	<0.15	6.5	1.6	<0.14	1.4	<0.13	<0.15	<0.29	<0.28
Tetrachloroethylene	30	3.4	3.5	<0.24	4.4	1.7	3.6	4.1	4.6	4.8	25	25
Tetrahydrofuran	NA	0.74	0.76	4.4	<0.25	1.8	1.8	1.8	<0.13	<0.14	<0.28	<0.27
Toluene	NA	14	14	0.71	110	20	29	32	21	23	17	17
trans-1,2-Dichloroethylene	NA	<0.14	<0.14	<0.14	<0.16	<0.065	<0.088	<0.095	<0.082	<0.092	<0.18	<0.17
trans-1,3-Dichloropropene	NA	<0.16	<0.16	<0.16	<0.28	<0.11	<0.15	<0.16	<0.14	<0.16	<0.31	<0.29
Trichloroethylene	2	<0.19	<0.19	<0.19	<0.22	0.66	<0.12	<0.13	<0.11	<0.12	<0.24	<0.23
Trichlorofluoromethane (Freon 11)	NA	6.4	6.6	1.7	22	35	6.8	6.1	7.3	5.7	26	27
Vinyl Acetate	NA	<0.12	<0.12	<0.12	<0.16	<0.072	<0.098	<0.11	<0.091	<0.10	<0.20	<0.19
Vinyl Bromide (Bromoethene)	NA	---	---	---	<0.22	<0.089	<0.12	<0.13	---	---	---	---
Vinyl Chloride	NA	<0.090	<0.090	<0.090	<0.28	<0.083	<0.11	<0.12	<0.11	<0.12	<0.23	<0.22

Notes:
E = The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
B = Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
D=result is from an analysis that required a dilution
NA = Not Applicable
--- Not Analyzed

Table 2
Summary of Indoor and Outdoor Air Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

VOCs (µg/m ³)	Site ID	IA-7	IA-7	IA-7	IA-7	IA-7	IA-7	IA-7	IA-7	IA-7	IA-7	IA-7
	Sample #	1177130206-16	1177130206-17	788141222-06	788141222-07	16A0720-02	788161216-07	1398171221-01	1398171221-02	1514181220-07	20L0735-07	CK05771
	Date	2/7/2013	2/7/2013	12/22/2014	12/22/2014	1/22/2016	12/16/2016	12/21/2017	12/21/2017	12/21/2018	12/15/2020	12/22/2021
Air Guidance Value	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	
1,1,1,2-Tetrachloroethane	NA	---	---	---	---	<0.69	<0.69	<0.37	<0.37	<1.00	<1.00	<1.00
1,1,1-Trichloroethane	NA	<1.4	<1.1	<1.1	<0.77	<0.55	<0.55	<0.29	<0.29	<1.00	<1.00	<1.00
1,1,2,2-Tetrachloroethane	NA	<1.8	<1.4	<1.4	<0.97	<0.69	<0.69	<0.37	<0.37	<1.00	<1.00	<1.00
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	<2	<1.5	<1.5	<1.1	<0.77	<0.77	<0.41	0.49D	<1.00	<1.00	<1.00
1,1,2-Trichloroethane	NA	<1.4	<1.1	<1.1	<0.77	<0.55	<0.55	<0.29	<0.29	<1.00	<1.00	<1.00
1,1-Dichloroethane	NA	<1	<0.81	<0.81	<0.57	<0.4	<0.4	<0.22	<0.22	<1.00	<1.00	<1.00
1,1-Dichloroethylene	NA	<1	<0.79	<0.79	<0.56	<0.4	<0.4	<0.053	<0.053	<0.20	<1.00	<0.20
1,2,4-Trichlorobenzene	NA	<1.9	<1.5	<1.5	<1.1	<0.74	<0.74	<0.4	<0.4	<1.00	<1.00	<1.00
1,2,4-Trimethylbenzene	NA	1.7D	<0.98	1.8D	1.4D	1.5	7.8	0.71D	0.6D	2.25	0.7D	2.9
1,2-Dibromoethane (EDB)	NA	<2	<1.5	<1.5	<1.1	<0.77	<0.77	<0.41	<0.41	<1.00	<1.00	<1.00
1,2-Dichlorobenzene	NA	<1.6	<1.2	<1.2	<0.85	<0.6	<0.6	<0.32	<0.32	<1.00	<1.00	<1.00
1,2-Dichloroethane	NA	13D	13D	<0.81	<0.57	<0.4	<0.4	<0.22	<0.22	<1.00	0.67D	<1.00
1,2-Dichloropropane	NA	<1.2	<0.93	<0.92	<0.65	<0.46	<0.46	<0.25	<0.25	<1.00	<1.00	<1.00
1,2-Dichlorotetrafluoroethane	NA	<1.8	<1.4	<1.4	<0.99	<0.7	<0.7	<0.37	<0.37	<1.00	<1.00	<1.00
1,3,5-Trimethylbenzene	NA	<1.3	<0.98	<0.98	<0.7	0.54	2.6	0.29D	<0.26	<1.00	<1.00	<1.00
1,3-Butadiene	NA	<1.1	<0.87	<0.86	<0.61	<1.3	<0.66	<0.35	<0.35	<1.00	<1.00	<1.00
1,3-Dichlorobenzene	NA	<1.6	<1.2	<1.2	<0.85	<0.6	<0.6	<0.32	<0.32	<1.00	<1.00	<1.00
1,3-Dichloropropane	NA	---	---	---	---	<0.46	<0.46	<0.25	<0.25	<1.00	<1.00	---
1,4-Dichlorobenzene	NA	<1.6	<1.2	<1.2	<0.85	1.4	<0.6	<0.32	<0.32	---	<1.00	1.14
1,4-Dioxane (P-Dioxane)	NA	<0.93	<0.72	<0.72	<0.51	<0.72	<0.72	<0.38	<0.38	<1.00	<1.00	<1.00
2-Butanone (MEK)	NA	39D	22D	15D	8D	11	9.5	5.1D	3.9D	7.81	4.3D	4.48
2-Hexanone (MBK)	NA	<1.1	<0.82	2.4D	<1.2	<0.82	<0.82	<0.44	<0.44	<1.00	<1.00	<1.00
3-Chloropropene (Allyl Chloride)	NA	---	---	---	---	<1.6	<1.6	<0.83	<0.83	---	<1.20	---
4-Methyl-2-pentanone (MIBK)	NA	<1.1	<0.82	3.7D	<0.58	<0.41	<0.41	<0.22	<0.22	<1.00	0.4D	<1.00
Acetone	NA	52D	49D	24D	18D	310D	69	20D	29D	74.5	38D	49.4
Acrylonitrile	NA	---	---	---	---	<0.22	<0.22	<0.12	<0.12	<1.00	<0.20	<1.00
Benzene	NA	1.3D	0.96D	1.1D	1D	0.73	0.38	0.48D	0.36D	1.93	0.96D	<1.00
Benzyl chloride	NA	<1.3	<1	<1	<0.73	<0.52	<0.52	<0.28	<0.28	<1.00	<1.00	<1.00
Bromodichloromethane	NA	<1.6	<1.2	<1.2	<0.88	<0.62	<0.62	<0.36	<0.36	<1.00	<1.00	<1.00
Bromoform	NA	<2.7	<2.1	<2.1	<1.5	<1	<1	<0.55	<0.55	<1.00	<1.00	<1.00
Bromomethane	NA	<1	<0.78	<0.77	<0.55	<0.39	<0.39	<0.21	<0.21	<1.00	<1.00	<1.00
Carbon Disulfide	NA	4.6D	3.7D	<0.62	<0.44	<0.31	<0.31	<0.17	<0.17	<1.00	<1.00	<1.00
Carbon Tetrachloride	NA	<0.81	<0.63	<0.31	<0.22	0.44	0.44	0.4D	0.37D	0.47	0.52D	0.47
Chlorobenzene	NA	<1.2	<0.92	<0.92	<0.65	<0.46	<0.46	<0.25	<0.25	<1.00	<1.00	<1.00
Chloroethane	NA	<0.68	<0.53	<0.53	<0.37	<0.26	<0.26	<0.14	<0.14	<1.00	<0.20	<1.00
Chloroform	NA	<1.3	<0.98	<0.97	<0.69	<0.49	<0.49	0.55D	0.42D	<1.00	<1.00	<1.00
Chloromethane	NA	<0.53	<0.41	1.3D	1.1D	0.99	1.2	0.89D	1.2D	1.14	1.2D	<1.00
cis-1,2-Dichloroethylene	NA	<1	<0.79	<0.79	<0.56	<0.4	<0.4	<0.053	<0.053	<0.20	<0.20	<0.20
cis-1,3-Dichloropropene	NA	<1.2	<0.91	<0.9	<0.64	<0.45	<0.45	<0.24	<0.24	<1.00	<1.00	<1.00
Cyclohexane	NA	2.6D	1.4D	<0.69	0.58D	1.1	1.2	2D	1.7D	4.16	3.1D	6.4
Dibromochloromethane	NA	<2.1	<1.6	<1.6	<1.1	<0.8	<0.85	<0.45	<0.45	<1.00	<1.00	<1.00
Dichlorodifluoromethane (Freon 12)	NA	<1.3	<0.99	2D	2D	1.8	2.1	2D	2.3D	2.3	2.5D	2.57
Ethyl Acetate	NA	<0.93	<0.72	<1.4	<1	4.6	2.7	8.1D	7.1D	6.12	6.4D	9.44
Ethylbenzene	NA	1.7D	1D	1.5D	1.2D	1	16	0.9D	0.72D	1.53	0.65D	2.14
Hexachlorobutadiene	NA	<2.8	<2.1	<2.1	<1.5	<1.1	<1.1	<0.57	<0.57	<1.00	<1.00	<1.00
Isopropanol	NA	3D	4.1D	24D	5.5D	<0.49	4	1.2D	2.3D	9.26	39D	10.7
Methyl Methacrylate	NA	<1.1	<0.82	<0.82	<0.58	<0.41	<0.41	<0.22	<0.22	---	<1.00	---
Methyl tert-Butyl Ether (MTBE)	NA	<0.93	<0.72	<0.72	<0.51	<0.36	<0.36	<0.19	<0.19	<1.00	<1.00	<1.00
Methylene Chloride	60	2.5D	2.2D	12D	11D	9.5	2.2	13D	11D	<3.00	1.7D	<3.00
n-Heptane	NA	8.2D	6.2D	4.8D	4.5D	0.66	1.9	0.5D	0.44D	2.14	1.1D	1.68
n-Hexane	NA	1.5D	<0.71	6.1D	5.8D	2	<0.35	8.7D	5.2D	1.85	1.3D	1.51
o-Xylene	NA	1.9D	1.4D	1.6D	1.4D	2	20	1.1D	0.88D	2	0.65D	3.09
p- & m-Xylene	NA	4.7D	3.7D	5.4D	4.5D	5.1	75	3.9D	3.1D	6.29	1.7D	10.3
p-Ethyltoluene	NA	<6.4	<4.9	1.5D	1.2D	1.6	5.1	0.79D	0.63D	---	0.74D	2.35
Propylene (Propene)	NA	<0.45	<0.34	<0.34	<0.24	1.6	<0.17	0.76D	0.88D	<1.00	<0.20	<1.00
Styrene	NA	2.4D	2.6D	<0.85	<0.6	21	<0.43	0.39D	0.32D	<1.00	0.35D	<1.00
Tetrachloroethylene	30	7.7D	5.8D	0.95D	0.96D	6.2	2.7	12D	11D	5.01	1.1D	4.49
Tetrahydrofuran	NA	23D	1.8D	<0.59	<0.42	13	<0.59	0.8D	0.75D	2.27	1.2D	1.48
Toluene	NA	63D	69D	47D	44D	31	20	6.3D	8.1D	10.6	4.6D	5.35
trans-1,2-Dichloroethylene	NA	<1	<0.79	<0.79	<0.56	<0.4	<0.4	<0.21	<0.21	<1.00	<1.00	<1.00
trans-1,3-Dichloropropene	NA	<1.2	<0.91	<0.9	<0.64	<0.45	<0.45	<0.24	<0.24	<1.00	<1.00	<1.00
Trichloroethylene	2	<0.7	<0.54	<0.27	<0.19	<0.13	<0.13	0.6D	1.1D	<0.20	<0.20	<0.20
Trichlorofluoromethane (Freon 11)	NA	7.7D	9.1D	3.6D	3.4D	1.7	1.6	1.3D	1.9D	3.63	3.4D	4.53
Vinyl Acetate	NA	<0.91	<0.71	<0.7	<0.5	<0.35	<0.35	4.2D	3.7D	---	<1.00	---
Vinyl Bromide (Bromoethene)	NA	---	---	---	---	<0.44	<0.44	<0.23	<0.23	---	<1.00	---
Vinyl Chloride	NA	<0.66	<0.51	<0.13	<0.09	<0.26	<0.26	<0.034	<0.034	<0.20	<0.20	<0.20

Notes:
E = The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
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D=result is from an analysis that required a dilution
NA = Not Applicable
--- Not Analyzed

Table 2
Summary of Indoor and Outdoor Air Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

VOCs (µg/m ³)	Site ID	IA-8	IA-8	IA-8	IA-8	IA-8	IA-8	IA-8	IA-8	IA-8	IA-8	IA-8	IA-8	IA-8
	Sample #	788110506-05	788110714-06	788110314-05	788120103-07	788120423-05	1177120709-05	1177130206-14	1313160122-05	788161216-06	1398171221-03	1514181220-06	2010735-06	CK05770
	Date	5/6/2011	7/14/2011	11/1/2011	1/3/2012	4/23/2012	7/10/2012	2/7/2013	1/22/2016	12/16/2016	12/21/2017	12/21/2018	12/15/2020	12/22/2021
Air Guidance Value	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
1,1,1,2-Tetrachloroethane	NA	---	---	---	---	---	---	---	<0.7	<0.69	<0.37	<1.00	<1.00	<1.00
1,1,1-Trichloroethane	NA	<0.19	0.23	<0.33	<0.21	<0.21	<0.38	<1.2	<0.55	<0.55	<0.29	<1.00	<1.00	<1.00
1,1,2,2-Tetrachloroethane	NA	<0.24	<0.24	<0.56	<0.35	<0.34	<0.63	<1.6	<0.7	<0.69	<0.37	<1.00	<1.00	<1.00
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.67	0.69	<0.18	<0.11	<0.11	<0.21	<1.7	<0.78	<0.77	<0.41	<1.00	<1.00	<1.00
1,1,2-Trichloroethane	NA	<0.19	<0.19	<0.46	<0.29	<0.29	<0.52	<1.2	<0.55	<0.55	<0.29	<1.00	<1.00	<1.00
1,1-Dichloroethane	NA	<0.14	<0.14	<0.16	<0.1	<0.10	<0.19	<0.92	<0.41	<0.4	<0.22	<1.00	<1.00	<1.00
1,1-Dichloroethylene	NA	<0.14	<0.14	<0.2	<0.13	<0.12	<0.23	<0.9	<0.4	<0.4	<0.053	<0.20	<0.20	<0.20
1,2,4-Trichlorobenzene	NA	<0.26	<0.26	<0.55	<0.35	<0.34	<0.62	<1.7	<0.75	<0.74	<0.4	<1.00	<1.00	<1.00
1,2,4-Trimethylbenzene	NA	1.6	4.4	4.7	<0.13	<0.12	<0.23	4.7D	1.3D	0.79	0.79D	1.24	0.48D	<1.00
1,2-Dibromoethane (EDB)	NA	<0.27	<0.27	---	---	<1.6	<2.9	<1.8	<0.78	<0.77	<0.41	<1.00	<1.00	<1.00
1,2-Dichlorobenzene	NA	<0.21	<0.21	<0.51	<0.32	<0.31	<0.58	<1.4	<0.61	<0.6	<0.32	<1.00	<1.00	<1.00
1,2-Dichloroethane	NA	0.25	0.59	<0.33	<0.21	<0.20	<0.37	55D	<0.41	<0.4	<0.22	<1.00	<1.00	<1.00
1,2-Dichloropropane	NA	<0.16	0.19	<0.34	<0.22	<0.21	<0.39	<1.1	<0.47	<0.46	<0.25	<1.00	<1.00	<1.00
1,2-Dichlorotetrafluoroethane	NA	<0.25	<0.25	<0.40	<0.25	<0.25	<0.45	<1.6	<0.71	<0.7	<0.37	<1.00	<1.00	<1.00
1,3,5-Trimethylbenzene	NA	0.43	1.5	2.7	<0.14	<0.13	<0.24	1.3D	<0.5	<0.49	<0.26	<1.00	<1.00	<1.00
1,3-Butadiene	NA	<0.078	<0.078	<0.22	<0.14	<0.14	<0.25	<0.99	<1.3	<0.66	<0.35	<1.00	<1.00	<1.00
1,3-Dichlorobenzene	NA	<0.21	<0.21	<0.37	<0.23	<0.23	<0.41	<1.4	<0.61	<0.6	<0.32	<1.00	<1.00	<1.00
1,3-Dichloropropane	NA	---	---	---	---	---	---	---	<0.47	<0.46	<0.25	1.5	<1.00	---
1,4-Dichlorobenzene	NA	<0.21	0.5	<0.45	<0.28	<0.28	<0.51	<1.4	<0.61	<0.6	0.42D	---	0.87D	2.67
1,4-Dioxane (P-Dioxane)	NA	---	---	<1.1	<0.69	<0.68	<1.2	<0.82	<0.73	<0.72	<0.38	<1.00	<1.00	<1.00
2-Butanone (MEK)	NA	17	16	22	14	<0.25	29	150D	6.3D	1.1	2.5D	2.11	2D	1.59
2-Hexanone (MBK)	NA	0.25	0.74	<0.76	<0.48	<0.47	<0.86	<0.93	<0.83	<0.82	<0.44	<1.00	<1.00	<1.00
3-Chloropropene (Allyl Chloride)	NA	---	---	<0.19	<0.12	---	---	---	<1.6	<1.6	<0.83	---	<1.30	---
4-Methyl-2-pentanone (MIBK)	NA	<0.14	0.6	<0.5	3.6	<0.31	<0.56	<0.93	<0.42	<0.41	<0.22	<1.00	<1.00	<1.00
Acetone	NA	33	63	34B	34	69	35	75D	120D	15	28D	36.1	26D	20.5
Acrylonitrile	NA	---	---	---	---	---	---	---	<0.22	<0.22	<0.12	<1.00	<0.20	<1.00
Benzene	NA	0.69	0.78	3	<0.1	<0.10	<0.18	1.4D	0.87D	<0.32	0.87D	1.84	0.88D	<1.00
Benzyl chloride	NA	<0.18	<0.18	<0.21	<0.13	<0.13	<0.24	<1.2	<0.52	<0.52	<0.28	<1.00	<1.00	<1.00
Bromodichloromethane	NA	<0.24	<0.24	<0.51	<0.32	<0.31	<0.57	<1.4	<0.63	<0.67	<0.36	<1.00	<1.00	<1.00
Bromoform	NA	<0.36	<0.36	<0.63	<0.4	<0.39	<0.71	<2.4	<1	<1	<0.55	<1.00	<1.00	<1.00
Bromomethane	NA	<0.14	<0.14	<0.16	<0.1	<0.097	<0.18	<0.88	<0.39	<0.39	<0.21	<1.00	<1.00	<1.00
Carbon Disulfide	NA	<0.11	0.36	<0.13	7	3.1	<0.14	4.8D	<0.32	<0.31	<0.17	<1.00	<1.00	<1.00
Carbon Tetrachloride	NA	0.64	0.79	<0.26	<0.16	<0.16	<0.29	<0.72	0.51D	0.38	0.37D	0.47	0.51D	0.49
Chlorobenzene	NA	<0.16	<0.16	<0.28	<0.18	<0.17	<0.32	<1	<0.47	<0.46	<0.25	<1.00	<1.00	<1.00
Chloroethane	NA	<0.093	<0.093	<0.11	<0.068	<0.066	<0.12	<0.6	<0.27	<0.26	<0.14	<1.00	<1.00	<1.00
Chloroform	NA	0.28	0.73	<0.25	<0.16	<0.15	<0.28	<1.1	<0.5	<0.49	0.7D	<1.00	<1.00	<1.00
Chloromethane	NA	1.2	1.4	1.8	<0.13	1.2	<0.24	<0.47	1.2D	1.2	0.76D	1.18	1.1D	<1.00
cis-1,2-Dichloroethylene	NA	<0.14	<0.14	<0.23	<0.14	<0.14	<0.26	2.1D	<0.4	<0.4	<0.053	<0.20	<0.20	<0.20
cis-1,3-Dichloropropene	NA	<0.16	<0.16	<0.38	<0.24	<0.24	<0.43	<1	<0.46	<0.45	<0.24	<1.00	<1.00	<1.00
Cyclohexane	NA	0.88	2.5	3	<0.088	<0.086	<0.16	4.8D	13D	<0.34	1.2D	3.58	1.9D	1.29
Dibromochloromethane	NA	<0.30	<0.30	---	---	<1.7	<3.1	<1.8	<0.81	<0.85	<0.45	<1.00	<1.00	<1.00
Dichlorodifluoromethane (Freon 12)	NA	2.9	3.2	<0.42	<0.26	2.4	<0.47	<1.1	1.9D	2.1	2.9D	2.38	2.4D	2.5
Ethyl Acetate	NA	20	17	<0.31	<0.19	<0.19	<0.34	1.2D	38D	0.83	4.5D	4.5	3.6D	2.16
Ethylbenzene	NA	0.66	1.4	3.5	1.7	2.1	<0.30	2D	1.2D	1.7	1.4D	<1.00	0.49D	<1.00
Hexachlorobutadiene	NA	<0.37	<0.37	<0.65	<0.41	<0.40	<0.73	<2.4	<1.1	<1.1	<0.57	<1.00	<1.00	<1.00
Isopropanol	NA	4.8	8.4	9.3	<0.18	11	<0.33	7.1D	<0.5	3.7	2.1D	7.79	4.2D	8.7
Methyl Methacrylate	NA	---	---	---	---	---	---	<0.93	<0.42	<0.41	<0.22	---	1.7D	---
Methyl tert-Butyl Ether (MTBE)	NA	<0.13	<0.13	<0.15	<0.092	<0.090	<0.17	<0.82	<0.36	<0.36	<0.19	<1.00	<1.00	<1.00
Methylene Chloride	NA	60	1	4	<0.28	5.6B	3.8	2.5B	7.9D	5.8D	1.8	22D	<3.00	120D
n-Heptane	NA	1.4	4.5	5.7	<0.11	2.0	<0.19	6.3D	2.5D	<0.41	0.5D	1.6	0.83D	<1.00
n-Hexane	NA	3.3	3.9	11	4.9	1.8	<0.16	1.5D	12D	<0.35	41D	1.95	62D	<1.00
o-Xylene	NA	0.55	1.5	3.4	1.9	2.5	<0.30	2.1D	2.1D	2.6	1.6D	1.19	0.53D	<1.00
p- & m-Xylene	NA	1.5	3.5	9	4.8	6.5	<0.56	4.6D	5.1D	8.8	6D	3.78	1.6D	3.06
p-Ethyltoluene	NA	---	---	---	---	---	---	<5.6	1D	0.49	0.71D	---	0.44D	<1.00
Propylene (Propene)	NA	<0.60	<0.60	<0.27	<0.17	<0.17	<0.30	<0.39	1.4D	<0.17	0.58D	<1.00	<0.20	<1.00
Styrene	NA	0.3	3.9	2	1.5	<0.16	<0.29	12D	13D	<0.43	0.5D	<1.00	<1.00	<1.00
Tetrachloroethylene	NA	30	2.4	5.5	<0.28	<0.17	3.3	<0.31	<1.5	12D	0.27	5.1D	4.81	0.71D
Tetrahydrofuran	NA	0.35	1.3	3.7	<0.16	<0.15	<0.28	9.7D	<0.6	<0.59	<0.31	<1.00	1.1D	<1.00
Toluene	NA	57	70	100	24	200E	130	370D	26D	44	14D	5.91	3.6D	1.82
trans-1,2-Dichloroethylene	NA	<0.14	<0.14	<0.16	<0.1	<0.10	<0.18	<0.9	<0.4	<0.4	<0.21	<1.00	<1.00	<1.00
trans-1,3-Dichloropropene	NA	<0.16	<0.16	<0.28	<0.17	<0.17	<0.31	<1	<0.46	<0.45	<0.24	<1.00	<1.00	<1.00
Trichloroethylene	NA	2	<0.19	<0.19	<0.22	<0.14	<0.13	<0.25	<0.61	<0.14	<0.13	0.46D	<0.20	<0.20
Trichlorofluoromethane (Freon 11)	NA	3.4	6.9	7.2	3.5	2.6	<0.13	1.3D	1.5D	1.4	1.7D	3.54	5.2D	1.77
Vinyl Acetate	NA	<0.12	<0.12	<0.16	<0.11	<0.11	<0.20	<0.8	<0.36	<0.35	0.6D	---	<1.00	---
Vinyl Bromide (Bromoethene)	NA	---	---	<0.22	<0.14	---	---	---	<0.44	<0.44	<0.23	---	<1.00	---
Vinyl Chloride	NA	<0.090	<0.090	<0.28	<0.13	<0.13	<0.23	<0.58	<0.26	<0.26	<0.034	<0.20	<0.20	<0.20

Notes:
 E = The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
 B = Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
 D=result is from an analysis that required a dilution
 NA = Not Applicable
 --- Not Analyzed

Table 2
Summary of Indoor and Outdoor Air Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

VOCs (µg/m ³)	Site ID	IA-9	IA-9	IA-9	IA-9
	Sample #	1398171221-08	1514190221-01	20L0735-09	CK05769
	Date	12/21/2017	02/21/2019	12/15/2020	12/22/2021
Air Guidance Value	Primary	Primary	Primary	Primary	
1,1,1,2-Tetrachloroethane	NA	<0.37	< 3.00	<1.00	< 1.00
1,1,1-Trichloroethane	NA	0.47D	< 3.00	1.2D	< 1.00
1,1,2,2-Tetrachloroethane	NA	<0.37	< 3.00	<1.00	< 1.00
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	<0.41	< 3.00	<1.00	< 1.00
1,1,2-Trichloroethane	NA	<0.29	< 3.00	<1.00	< 1.00
1,1-Dichloroethane	NA	<0.22	< 3.00	<1.00	< 1.00
1,1-Dichloroethylene	NA	<0.053	< 0.60	<0.20	< 0.20
1,2,4-Trichlorobenzene	NA	<0.4	< 3.00	<1.00	< 1.00
1,2,4-Trimethylbenzene	NA	<0.26	25.8	5D	2.01
1,2-Dibromoethane (EDB)	NA	<0.41	< 3.00	<1.00	< 1.00
1,2-Dichlorobenzene	NA	<0.32	< 3.00	<1.00	< 1.00
1,2-Dichloroethane	NA	<0.22	< 3.00	<1.00	< 1.00
1,2-Dichloropropane	NA	<0.25	< 3.00	<1.00	< 1.00
1,2-Dichlorotetrafluoroethane	NA	<0.37	< 3.00	<1.00	< 1.00
1,3,5-Trimethylbenzene	NA	<0.26	8.25	1.4D	< 1.00
1,3-Butadiene	NA	<0.35	< 3.01	2D	< 1.00
1,3-Dichlorobenzene	NA	<0.32	< 3.00	<1.00	< 1.00
1,3-Dichloropropane	NA	<0.25	< 3.00	<1.00	---
1,4-Dichlorobenzene	NA	<0.32	---	<1.00	< 1.00
1,4-Dioxane (P-Dioxane)	NA	<0.38	< 3.00	<1.00	< 1.00
2-Butanone (MEK)	NA	0.55D	42.4	8.1D	5.33
2-Hexanone (MBK)	NA	<0.44	< 3.00	<1.00	< 1.00
3-Chloropropene (Allyl Chloride)	NA	<0.83	---	<1.60	---
4-Methyl-2-pentanone (MIBK)	NA	<0.22	< 3.00	5.3D	4.95
Acetone	NA	10D	6930	140D	28.7
Acrylonitrile	NA	<0.12	< 2.99	<1.00	< 1.00
Benzene	NA	0.46D	21.1	7.8D	3.67
Benzyl chloride	NA	<0.28	< 3.00	<1.00	< 1.00
Bromodichloromethane	NA	<0.36	< 3.00	<1.00	< 1.00
Bromoform	NA	<0.55	< 3.00	<1.10	< 1.00
Bromomethane	NA	<0.21	< 3.00	<1.00	< 1.00
Carbon Disulfide	NA	<0.17	< 3.00	<1.00	< 1.00
Carbon Tetrachloride	NA	0.37D	< 0.60	0.51D	0.5
Chlorobenzene	NA	<0.25	< 3.00	<1.00	< 1.00
Chloroethane	NA	<0.14	< 3.01	<1.00	< 1.00
Chloroform	NA	0.44D	< 3.00	0.65D	< 1.00
Chloromethane	NA	0.74D	< 2.99	1.2D	< 1.00
cis-1,2-Dichloroethylene	NA	<0.053	< 0.60	<0.20	< 0.20
cis-1,3-Dichloropropene	NA	<0.24	< 3.00	<1.00	< 1.00
Cyclohexane	NA	<0.18	6.74	4.8D	1.27
Dibromochloromethane	NA	<0.45	< 3.00	<1.00	< 1.00
Dichlorodifluoromethane (Freon 12)	NA	2.6D	< 3.00	2.3D	2.32
Ethyl Acetate	NA	0.94D	132	9.8D	< 1.00
Ethylbenzene	NA	0.25D	216	11D	8.77
Hexachlorobutadiene	NA	<0.57	< 3.01	<1.10	< 1.00
Isopropanol	NA	0.3D	49.1	12D	16.7
Methyl Methacrylate	NA	<0.22	---	3.8D	---
Methyl tert-Butyl Ether (MTBE)	NA	<0.19	< 3.00	<1.00	< 1.00
Methylene Chloride	60	12D	26.9	3.5D	5.31
n-Heptane	NA	0.22D	20	9.9D	8.76
n-Hexane	NA	26D	21.8	38D	4.47
o-Xylene	NA	0.25D	229	12D	7.42
p- & m-Xylene	NA	0.79D	811	43D	35.6
p-Ethyltoluene	NA	<0.26	---	4.6D	2.03
Propylene (Propene)	NA	0.35D	< 2.99	<0.20	< 1.00
Styrene	NA	<0.23	13	<1.00	< 1.00
Tetrachloroethylene	30	0.76D	1.75	<1.00	< 0.25
Tetrahydrofuran	NA	<0.31	< 3.01	<1.00	< 1.00
Toluene	NA	1D	88.9	20D	18
trans-1,2-Dichloroethylene	NA	<0.21	< 3.00	<1.00	< 1.00
trans-1,3-Dichloropropene	NA	<0.24	< 3.00	<1.00	< 1.00
Trichloroethylene	2	<0.072	0.81	1.4D	1.56
Trichlorofluoromethane (Freon 11)	NA	1D	< 3.00	1.4D	1.22
Vinyl Acetate	NA	<0.19	---	<1.00	---
Vinyl Bromide (Bromoethene)	NA	<0.23	---	<1.00	---
Vinyl Chloride	NA	<0.034	< 0.60	<0.20	< 0.20

Notes:
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 D=result is from an analysis that required a dilution
 NA = Not Applicable
 --- Not Analyzed

Table 2
Summary of Indoor and Outdoor Air Sampling Analytical Data
Former Hudson Wire Mill • 2022 Periodic Review Report

VOCs (µg/m ³)	Site ID	OA-1	OA-1	OA-1	OA-1	OA-1	OA-1	OA-1	OA-1	OA-1	OA-1	OA-1	OA-1	OA-1
	Sample #	788110506-08	788110714-08	788111031-08	788120103-08	788120423-08	1177120709-08	1177130206-15	788141222-08	1513160122-01	788161216-08	1514181220-08	2010735-08	CK015768
	Date	5/6/2011	7/14/2011	11/1/2011	1/3/2012	4/23/2012	7/10/2012	2/7/2013	12/22/2014	1/22/2016	12/16/2016	12/21/2018	12/15/2020	12/22/2021
Air Guidance Value	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
1,1,1,2-Tetrachloroethane	NA	---	---	---	---	---	---	---	---	<0.69	<0.72	<1.00	<1.00	<1.00
1,1,1-Trichloroethane	NA	<0.19	0.28	<0.067	<0.16	<0.28	<0.42	<1.1	<1.4	<0.55	<0.57	<1.00	<1.00	<1.00
1,1,2,2-Tetrachloroethane	NA	<0.24	<0.24	<0.11	<0.26	<0.47	<0.71	<1.3	<1.8	<0.69	<0.72	<1.00	<1.00	<1.00
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.67	0.6	<0.036	<0.086	<0.15	<0.23	<1.5	<2	<0.77	1.1D	<1.00	<1.00	<1.00
1,1,2-Trichloroethane	NA	<0.19	<0.19	<0.092	<0.22	<0.39	<0.59	<1.1	<1.4	<0.55	<0.57	<1.00	<1.00	<1.00
1,1-Dichloroethane	NA	<0.14	<0.14	<0.033	<0.078	<0.14	<0.21	<0.79	<1	<0.4	<0.42	<1.00	<1.00	<1.00
1,1-Dichloroethylene	NA	<0.14	<0.14	<0.040	<0.095	<0.17	<0.26	<0.77	<1	<0.4	<0.41	<0.20	<1.00	<0.20
1,2,4-Trichlorobenzene	NA	<0.26	<0.26	<0.11	<0.26	<0.46	<0.70	<1.4	<1.9	<0.74	6.8D	<1.00	<1.00	<1.00
1,2,4-Trimethylbenzene	NA	0.42	4	2	<0.094	<0.17	<0.25	<0.95	<1.3	<0.49	<0.51	<1.00	<1.00	<1.00
1,2-Dibromoethane (E:DB)	NA	<0.27	<0.27	---	---	<2.2	<3.3	<1.5	<2	<0.77	<0.8	<1.00	<1.00	<1.00
1,2-Dichlorobenzene	NA	<0.21	<0.21	<0.10	<0.24	<0.43	<0.65	<1.2	<1.5	<0.6	0.63D	<1.00	<1.00	<1.00
1,2-Dichloroethane	NA	<0.14	0.66	<0.066	<0.16	<0.28	<0.42	<0.79	<1	<0.4	<0.42	<1.00	<1.00	<1.00
1,2-Dichloropropane	NA	<0.16	<0.16	<0.069	<0.16	<0.29	<0.44	<0.9	<1.2	<0.46	<0.48	<1.00	<1.00	<1.00
1,2-Dichlorotetrafluoroethane	NA	<0.25	<0.25	<0.081	<0.19	<0.34	<0.51	<1.4	<1.8	<0.7	0.8D	<1.00	<1.00	<1.00
1,3,5-Trimethylbenzene	NA	<0.17	1.5	0.9	<0.1	<0.18	<0.28	<0.95	<1.3	<0.49	<0.51	<1.00	<1.00	<1.00
1,3-Butadiene	NA	<0.078	<0.078	<0.044	<0.1	<0.18	<0.28	<0.84	<1.1	<1.3	<0.69	<1.00	<1.00	<1.00
1,3-Dichlorobenzene	NA	<0.21	<0.21	<0.073	<0.17	<0.31	<0.47	<1.2	<1.5	<0.6	<0.63	<1.00	<1.00	<1.00
1,3-Dichloropropane	NA	---	---	---	---	---	---	---	---	<0.46	<0.48	<1.00	<1.00	---
1,4-Dichlorobenzene	NA	<0.21	0.7	<0.022	<0.21	<0.37	<0.57	<1.2	<1.5	<0.6	<0.63	<1.00	<1.00	<1.00
1,4-Dioxane (P-Dioxane)	NA	---	---	<0.09	<0.52	<0.92	<1.4	<0.7	<0.92	<0.72	<0.75	<1.00	<1.00	<1.00
2-Butanone (MEK)	NA	1.4	7.5	1.4	<0.19	<0.33	1.4D	<0.76	<0.29	0.46D	<1.00	0.8D	<1.00	<1.00
2-Hexanone (MBK)	NA	0.22	0.52	<0.15	<0.36	<0.64	<0.97	<0.8	<2.1	<0.82	<0.85	<1.00	<1.00	<1.00
3-Chloropropene (Allyl Chloride)	NA	---	---	<0.018	<0.09	---	---	---	---	<1.6	<1.6	<1.90	<1.90	<1.90
4-Methyl-2-pentanone (MIBK)	NA	<0.14	0.61	<0.10	<0.24	<0.42	<0.64	<0.8	<1	<0.41	<0.43	<1.00	<1.00	<1.00
Acetone	NA	11	57	7.8	86E	6.0	20D	9.2D	6.6D	4.3	3.6D	5.86	8.7D	1.94
Acrylonitrile	NA	---	---	---	---	---	---	---	---	<0.22	<0.23	<1.00	<1.00	<1.00
Benzene	NA	0.48	0.88	2.6	<0.077	<0.14	<0.21	0.81D	0.82D	0.38	0.53D	1.31	1D	<1.00
Benzyl chloride	NA	<0.18	<0.18	<0.042	<0.099	<0.18	<0.27	<1	<1.3	<0.52	<0.54	<1.00	<1.00	<1.00
Bromodichloromethane	NA	<0.24	<0.24	<0.10	<0.24	<0.42	<0.64	<1.2	<1.6	<0.62	<0.7	<1.00	<1.00	<1.00
Bromoform	NA	<0.36	<0.36	<0.13	<0.3	<0.53	<0.80	<2	<2.6	<1	<1.1	<1.00	<1.30	<1.00
Bromomethane	NA	<0.14	<0.14	<0.032	<0.075	<0.13	<0.20	<0.75	<0.99	<0.39	<0.4	<1.00	<1.00	<1.00
Carbon Disulfide	NA	<0.11	0.28	0.32	4.8	3.8	1.9	3.6D	<0.8	<0.31	<0.32	<1.00	0.62D	<1.00
Carbon Tetrachloride	NA	0.45	0.65	<0.051	<0.12	<0.21	<0.33	<0.61	<0.4	<0.16	0.72D	0.45	0.54D	0.47
Chlorobenzene	NA	<0.16	<0.16	<0.056	<0.13	<0.23	<0.36	<0.89	<1.2	<0.46	<0.48	<1.00	<1.00	<1.00
Chloroethane	NA	<0.093	<0.093	<0.021	<0.051	<0.090	<0.14	<0.51	<0.68	<0.26	<0.27	<1.00	<1.00	<1.00
Chloroform	NA	<0.17	0.39	<0.015	<0.12	<0.21	<0.32	<0.95	<1.3	<0.49	<0.51	<1.00	<1.00	<1.00
Chloromethane	NA	1.4	1.6	1.1	<0.099	<0.18	<0.27	<0.4	1.2D	1	1.3D	1.18	0.87D	<1.00
cis-1,2-Dichloroethylene	NA	<0.14	<0.14	<0.046	<0.11	<0.19	<0.29	<0.77	<1	<0.4	<0.41	<0.20	<0.20	<0.20
cis-1,3-Dichloropropene	NA	<0.16	<0.16	<0.077	<0.18	<0.32	<0.49	<0.88	<1.2	<0.45	<0.47	<1.00	<1.00	<1.00
Cyclohexane	NA	<0.12	0.71	<0.012	<0.066	<0.12	<0.18	<0.67	<0.88	<0.34	<0.36	<1.00	<1.00	<1.00
Dibromochloromethane	NA	<0.30	<0.30	---	---	<2.3	<3.5	<1.6	<2.1	<0.8	<0.89	<1.00	<1.10	<1.00
Dichlorodifluoromethane (Freon 12)	NA	2.8	3.1	2.8	2.8	2.5	<0.53	<0.96	1.9D	1.8	2.1D	2.32	2.6D	2.43
Ethyl Acetate	NA	0.16	3.6	<0.025	<0.14	<0.26	<0.39	<0.7	<1.8	<0.72	<0.75	<1.00	<1.00	<1.00
Ethylbenzene	NA	0.3	1.2	1.5	<0.13	<0.22	<0.34	<0.84	<1.1	<0.43	<0.45	1.5	<1.00	<1.00
Hexachlorobutadiene	NA	<0.37	<0.37	<0.018	<0.31	<0.54	<0.83	<2.1	<2.7	<1.1	2.1D	<1.00	<1.30	<1.00
Isopropanol	NA	0.8	4.8	<0.035	16	<0.24	<0.37	0.81D	8.7D	<0.49	<0.51	1.68	2.7D	<1.00
Methyl Methacrylate	NA	---	---	---	---	---	---	<0.79	<1	<0.41	<0.47D	---	<1.00	---
Methyl tert-Butyl Ether (MTBE)	NA	<0.13	<0.13	<0.012	<0.069	<0.12	<0.19	<0.7	<0.92	<0.36	<0.38	<1.00	<1.00	<1.00
Methylene Chloride	60	0.59	4.9	1.8	5.2B	4.5	3.7B	1.7D	45D	0.73	8.8D	<3.00	2.1D	<3.00
n-Heptane	NA	0.29	7.4	1.3	<0.079	<0.14	<0.21	1D	<1	<0.41	<0.43	<1.00	<1.00	<1.00
n-Hexane	NA	0.8	3.2	2.4	60	<0.12	<0.18	0.96D	7.3D	<0.35	0.84D	<1.00	1.2D	<1.00
o-Xylene	NA	0.31	1.4	1.7	<0.13	<0.22	<0.34	<0.84	<1.1	<0.43	<0.45	1.69	<1.00	<1.00
p- & m-Xylene	NA	0.94	3.7	4.7	1	<0.42	<0.64	<0.84	<2.2	<0.87	<0.9	5.86	<1.10	<1.00
p-Ethyltoluene	NA	---	---	---	---	---	---	<4.8	<1.3	<0.49	<0.51	---	<1.00	<1.00
Propylene (Propene)	NA	<0.60	<0.60	<0.046	<0.13	<0.22	<0.34	<0.33	<0.44	<0.17	<0.18	<1.00	<1.00	<1.00
Strene	NA	<0.15	1.5	<0.018	<0.12	<0.22	<0.33	<0.83	<1.1	<0.43	<0.44	<1.00	<1.00	<1.00
Tetrachloroethylene	30	<0.24	2.2	1.2	<0.13	<0.23	<0.35	<1.3	<0.43	<0.17	0.71D	0.5	0.92D	<0.25
Tetrahydrofuran	NA	<0.10	2.7	1.1	<0.12	<0.21	<0.32	<0.57	<0.76	<0.59	<0.61	<1.00	<1.00	<1.00
Toluene	NA	1.4	19	6.2	1	<0.26	<0.39	1.2D	2.5D	<0.38	0.51D	2.21	1.3D	<1.00
trans-1,2-Dichloroethylene	NA	<0.14	<0.14	<0.012	<0.076	<0.13	<0.20	<0.77	<1	<0.4	<0.41	<1.00	<1.00	<1.00
trans-1,3-Dichloropropene	NA	<0.16	<0.16	<0.018	<0.13	<0.23	<0.35	<0.88	<1.2	<0.45	<0.47	<1.00	<1.00	<1.00
Trichloroethylene	2	<0.19	<0.19	0.47	<0.1	<0.18	<0.28	<0.52	<0.34	<0.13	0.34D	<0.20	<0.20	<0.20
Trichlorofluoromethane (Freon 11)	NA	1.6	10	2.1	2.6	1.8	<0.15	<1.1	1.4D	1.2	2.2D	1.58	1.5D	1.21
Vinyl Acetate	NA	<0.12	<0.12	<0.015	<0.084	<0.15	<0.23	<0.68	<0.9	<0.35	<0.37	---	<1.00	---
Vinyl Bromide (Bromoethene)	NA	---	---	<0.044	<0.1	---	---	---	---	<0.44	<0.46	---	<1.00	---
Vinyl Chloride	NA	<0.090	<0.090	<0.024	<0.098	<0.17	<0.26	<0.5	<0.16	<0.26	0.27D	<0.20	<0.20	<0.20

Notes:

E = The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.

B = Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

D=result is from an analysis that required a dilution

NA = Not Applicable

--- Not Analyzed

Appendices

**Appendix A - Institutional
and Engineering Controls
Certification Form**



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.	C360065		
Site Name Former Hudson Wire Co.			
Site Address: 62 Water Street Zip Code: 10562			
City/Town: Ossining			
County: Westchester			
Site Acreage: 3.707			
Reporting Period: July 01, 2019 to July 31, 2022			
		YES	NO
1.	Is the information above correct?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.	Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.	Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		Box 2	
		YES	NO
6.	Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7.	Are all ICs in place and functioning as designed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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	

Box 2A

YES NO

8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid?
(The Qualitative Exposure Assessment must be certified every five years)

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C360065

Box 3

Description of Institutional Controls

<u>Parcel</u>	<u>Owner</u>	<u>Institutional Control</u>
89.18-1-15	The Wire Mill, LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan
See description for 62 Water Street		
89.18-1-16	The Wire Mill, LLC	Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan
See 62 Water Street description.		Ground Water Use Restriction
89.18-1-17	The Wire Mill, LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan
See 62 Water Street description.		
89.18-1-18	The Wire Mill, LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan
See 62 Water Street Description.		
89.18-1-19	The Wire Mill, LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan
See 62 Water Street.		
89.19-5-1	The Wire Mill, LLC	

Landuse Restriction
Building Use Restriction
Ground Water Use Restriction
Soil Management Plan
Monitoring Plan
Site Management Plan
O&M Plan
IC/EC Plan

1. IC: Compliance with the Environmental Easement and this SMP by the Grantor and the Grantor's successors and assigns;
2. IC: All Engineering Controls must be operated and maintained as specified in this SMP;
3. IC: All Engineering Controls on the Controlled Property must be inspected at a frequency and in a manner defined in the SMP;
4. IC: Groundwater, indoor air, and other environmental monitoring must be performed as defined in this SMP;
5. IC: Data and information pertinent to Site Management of the Controlled Property must be report at the frequency and in a manner defined in this SMP;
6. IC: Institutional Controls identified in the Environmental Easement may not be discontinued without an amendment to or extinguishment of the Environmental Easement. The site has a series of Institutional Controls in the form of site restrictions. Adherence to these Institutional Controls is required by the Environmental Easement;
7. IC: The property may only be used for restricted residential use and /or commercial and/or industrial use for the portion of the property located on the east side of Water Street and restricted to commercial and/or industrial use on the west side of Water Street provided that the long-term Engineering and Institutional Controls included in this SMP are employed;
8. IC: The property may not be used for a higher level of use, such as unrestricted use without additional remediation and amendment of the Environmental Easement, as approved by the NYSDEC;
9. IC: All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with this SMP;
10. IC: The use of the groundwater underlying the property is prohibited without treatment rendering it safe for intended use;
11. IC: The potential for vapor intrusion must be evaluated for any buildings developed on the site, and any potential impacts that are identified must be monitored or mitigated;
12. IC: Vegetable gardens and farming on the property are prohibited;
13. IC: The site owner or remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environmental or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Controlled Property at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

Box 4

Description of Engineering Controls

<u>Parcel</u>	<u>Engineering Control</u>
89.18-1-15	Vapor Mitigation Cover System
89.18-1-16	Vapor Mitigation Cover System
89.18-1-17	Vapor Mitigation Cover System
89.18-1-18	Vapor Mitigation Cover System
89.18-1-19	Vapor Mitigation Cover System
89.19-5-1	Vapor Mitigation Cover System

Periodic Review Report (PRR) Certification Statements

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

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

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

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. C360065

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 Robert Fedigan at 62 N Water St, Ossining, NY 10562
print name print business address

am certifying as Owner (Owner or Remedial Party)

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

Robert Fedigan
Signature of Owner, Remedial Party, or Designated Representative
Rendering Certification

7/27/2022
Date

EC CERTIFICATIONS

Box 7

Professional Engineer 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 Rosaura Andújar-McNeil, P.E. at 12 Raymond Ave, Poughkeepsie, NY 12603,
print name print business address

I am certifying as a Professional Engineer for the Owner
(Owner or Remedial Party)



Signature of Professional Engineer, for the Owner or
Remedial Party, Rendering Certification

Stamp
(Required for PE)

7/28/2022

Date

**Appendix B - Inspection and
Maintenance Forms**



**INSTITUTIONAL CONTROLS &
SITE MANAGEMENT INSPECTION FORM
The Wire Mill, LLC**

Inspector: Gregory Toothill
Inspection Date: 12/19/2019

- 1) Is the site use currently restricted to restricted residential, commercial, and/or industrial use on the portion of the property on the east side of Water Street? Yes ___ No

If no, describe: (Self storage, costume and stage set storage, stage set manufacturing, insole manufacturing)

- 2) Is the site use currently restricted to commercial and/or industrial use on the portion of the property on the west side of Water Street (61 water Street)? Yes ___ No

If no, describe: (Glass shop)

- 3) If the building at 61 Water Street is no longer being used for automobile repair, has an evaluation of the suitability of the current SSDS installed at the building been performed? Yes ___ No ___ N/A

If no, describe: _____

- 4) Is groundwater being used for any purpose at the site? ___ Yes No

If yes, is it being properly treated? ___ Yes ___ No

If no, describe: _____

- 5) Have all scheduled groundwater monitoring and indoor air monitoring been performed as scheduled in the last year? Yes ___ No

If no, describe the reason for any deviation: _____



- 6) Is a current copy of the Site Management Plan, including all DEC approved revisions, maintained on-site? Yes No

If no, describe: _____

General Site Condition

Describe general site condition: Overall conditions are similar to those observed at the time of the 2018 inspection, except that an approximately 15 square foot section of pavement in the alley way has significantly deteriorated and should be repaired when asphalt plants reopen in the spring. Cracks are present throughout the pavement across the remainder of the site; however, the pavement continues to provide overall coverage of the impacted soil below.

INSPECTION LIMITATIONS

Describe any conditions that limited the completeness of this inspection: Tenants materials are stored throughout the site buildings. Self-storage units were locked and inaccessible. Vehicles parked throughout the parking lots limited visibility of the pavement.

CORRECTIVE MEASURES

If any of the answers to items 1 through 7 was “No”, please complete the CORRECTIVE MEASURES section below and append additional pages or documentation, as necessary.

Description of corrective measures: _____



ENGINEERED CONTROL INSPECTION FORM Former Hudson Wire Mill

Inspector: Gregory Toothill Inspection Date: 12/19/2019

ENGINEERED CONTROL OBSERVATIONS

1) Sub-slab pressure differential measured at sample tap located in:

- Zone A -0.01 inches of water column
- Zone B -0.01 inches of water column
- Zone C -0.66 inches of water column
- Zone D -0.02 inches of water column
- Zone E -0.01 inches of water column

2) Are cracks or other damage to the Concrete Floor Slab present in:

- Zone A Yes x No
- Zone B x Yes No
- Zone C Yes x No
- Zone D x Yes No
- Zone E x Yes No
- 61 Water Street x Yes No

If yes, describe (Attach photos and/or site sketch if appropriate): Minor chipping of surface concrete was observed in zones B, D, E, and at 61 Water Street. The concrete appeared solid below the surface chips and the integrity of the engineered control appears to be intact.

3) Damage to the Aboveground SSDS Piping in:

- Zone A Yes x No
- Zone B Yes x No
- Zone C Yes x No
- Zone D Yes x No
- Zone E Yes x No
- 61 Water Street Yes x No

If yes, describe (Attach photos and/or site sketch if appropriate): _____

4) Damage to the SSDS Vent Stack in:



Zone A Yes No
 Zone B Yes No
 Zone C Yes No
 Zone D Yes No
 Zone E Yes No
 61 Water Street Yes No

If yes, describe (Attach photos and/or sketch if appropriate): _____

5) Damage to the SSDS Fan in:
 Zone A Yes No
 Zone B Yes No
 Zone C Yes No
 Zone D Yes No
 Zone E Yes No
 61 Water Street Yes No

If yes, describe (Attach photos and/or sketch if appropriate): _____

INSPECTION LIMITATIONS

Describe any conditions that limited the completeness of the inspection (e.g., part of the slab in Bldg. 11 was covered by tenant’s stored materials): Visibility of the building slabs throughout the site was limited by tenant storage and locked storage lockers that were inaccessible.

**INSTITUTIONAL CONTROLS &
SITE MANAGEMENT INSPECTION FORM
The Wire Mill, LLC**

Inspector: Rosaura Andujar-McNeil, P.E.

Inspection Date: 12/23/2021 and 1/6/2022

- 1) Is the site use currently restricted to restricted residential, commercial, and/or industrial use on the portion of the property on the east side of Water Street? Yes No

If no, describe: _____

- 2) Is the site use currently restricted to commercial and/or industrial use on the portion of the property on the west side of Water Street (61 water Street)? Yes No

If no, describe: _____

- 3) If the building at 61 Water Street is no longer being used for automobile repair, has an evaluation of the suitability of the current SSDS installed at the building been performed?
 Yes No N/A

If no, describe: The building at 61 Water St. is currently used by a
glass manufacturing facility, which is a comparable
use to the automobile repair shop.

- 4) Is groundwater being used for any purpose at the site? Yes No

If yes, is it being properly treated? Yes No

If no, describe: Per the site contact, potable water at the site is
provided by the local municipality.

- 5) Have all scheduled groundwater monitoring and indoor air monitoring been performed as scheduled in the last year? Yes No

If no, describe the reason for any deviation: _____

6) Is a current copy of the Site Management Plan, including all DEC approved revisions, maintained on-site? ____ Yes X No

If no, describe: During the 12/23/21, the site contact indicated the the SMP was not currently available on-site.
Per the site contact, as of January 2022, a copy of the SMP has been secured on-site.

General Site Condition

Describe general site condition: _____
The asphalt pavement was observed to be minimally to moderately deteriorated in the northwestern corner of the parking lot north of the building located at 61 Water Street. Cracks are present throughout the pavement across the Site; however, the pavement continues to provide overall coverage of the impacted soil below.

INSPECTION LIMITATIONS

Describe any conditions that limited the completeness of this inspection: _____
Tenants materials are stored throughout the site buildings. Self-storage units were locked and inaccessible. Vehicles parked throughout the parking lots limited visibility of the pavement.

CORRECTIVE MEASURES

If any of the answers to items 1 through 7 was “No”, please complete the CORRECTIVE MEASURES section below and append additional pages or documentation, as necessary.

Description of corrective measures: Not applicable

ENGINEERED CONTROL INSPECTION FORM
Former Hudson Wire Mill

12/23/2021

Inspector: Rosaura Andujar-McNeil, P.E. Inspection Date: 1/6/2022

ENGINEERED CONTROL OBSERVATIONS

- 1) Sub-slab pressure differential measured at sample tap located in:
- | | | | |
|--------|------------------|------------------------|--|
| Zone A | <u> - </u> | inches of water column | * Monitoring Point (MP) for Zone A was reassessed and determined to be faulty. MP was reinstalled and adequate readings were collected (-0.068 in H2O). |
| Zone B | <u>-0.008</u> | inches of water column | |
| Zone C | <u>-0.698</u> | inches of water column | |
| Zone D | <u>-0.08</u> | inches of water column | |
| Zone E | <u>-0.022</u> | inches of water column | |

- 2) Are cracks or other damage to the Concrete Floor Slab present in:
- | | | |
|-----------------|-----------------|-----------------|
| Zone A | <u> </u> Yes | <u> X </u> No |
| Zone B | <u> </u> Yes | <u> X </u> No |
| Zone C | <u> </u> Yes | <u> X </u> No |
| Zone D | <u> </u> Yes | <u> X </u> No |
| Zone E | <u> </u> Yes | <u> X </u> No |
| 61 Water Street | <u> </u> Yes | <u> X </u> No |

If yes, describe (Attach photos and/or site sketch if appropriate): Not applicable

- 3) Damage to the Aboveground SSDS Piping in:
- | | | |
|-----------------|-----------------|-----------------|
| Zone A | <u> </u> Yes | <u> X </u> No |
| Zone B | <u> </u> Yes | <u> X </u> No |
| Zone C | <u> </u> Yes | <u> X </u> No |
| Zone D | <u> </u> Yes | <u> X </u> No |
| Zone E | <u> </u> Yes | <u> X </u> No |
| 61 Water Street | <u> </u> Yes | <u> X </u> No |

If yes, describe (Attach photos and/or site sketch if appropriate): Not applicable

4) Damage to the SSDS Vent Stack in:

- Zone A Yes No
- Zone B Yes No
- Zone C Yes No
- Zone D Yes No
- Zone E Yes No
- 61 Water Street Yes No

If yes, describe (Attach photos and/or sketch if appropriate): Not applicable

5) Damage to the SSDS Fan in:

- Zone A Yes No
- Zone B Yes No
- Zone C Yes No
- Zone D Yes No
- Zone E Yes No
- 61 Water Street Yes No

If yes, describe (Attach photos and/or sketch if appropriate): Not applicable

INSPECTION LIMITATIONS

Describe any conditions that limited the completeness of the inspection (e.g., part of the slab in Bldg. 11 was covered by tenant's stored materials):

Several areas were covered by tenants materials and storage units.

**Appendix C - 2020-2021
Groundwater and Air
Laboratory Reports**

Groundwater 2020-2021

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Technical Report

prepared for:

Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull CT, 06611
Attention: Gregory Toothill

Report Date: 09/16/2020
Client Project ID: 20040181.B3N Former Hudson Wire Mill
York Project (SDG) No.: 20H0643

Revision No. 1.0

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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

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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull CT, 06611
Attention: Gregory Toothill

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 August 18, 2020 and listed below. The project was identified as your project: **20040181.B3N Former Hudson Wire Mill**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
20H0643-01	1611200813-01	Water	08/13/2020	08/18/2020
20H0643-02	1611200813-02	Water	08/13/2020	08/18/2020
20H0643-03	1611200813-03	Water	08/13/2020	08/18/2020
20H0643-04	1611200813-04	Water	08/13/2020	08/18/2020
20H0643-05	1611200813-05	Water	08/13/2020	08/18/2020
20H0643-06	1611200813-06	Water	08/13/2020	08/18/2020
20H0643-07	1611200813-07	Water	08/13/2020	08/18/2020
20H0643-08	1611200813-08	Water	08/13/2020	08/18/2020
20H0643-09	1611200813-09	Water	08/13/2020	08/18/2020
20H0643-10	1611200813-10	Water	08/13/2020	08/18/2020
20H0643-11	1611200813-11	Water	08/13/2020	08/18/2020

General Notes for York Project (SDG) No.: 20H0643

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 09/16/2020





Sample Information

Client Sample ID: 1611200813-01

York Sample ID: 20H0643-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 10:35 am

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
75-34-3	1,1-Dichloroethane	1.6		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
							Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
108-10-1	4-Methyl-2-pentanone	3.0		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
67-64-1	Acetone	7.1		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
75-15-0	Carbon disulfide	0.65		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				



Sample Information

Client Sample ID: 1611200813-01

York Sample ID: 20H0643-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 10:35 am

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
67-66-3	Chloroform	0.37	J	ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
156-59-2	cis-1,2-Dichloroethylene	0.27	J	ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
127-18-4	Tetrachloroethylene	0.57		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
156-60-5	trans-1,2-Dichloroethylene	0.96		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS



Sample Information

Client Sample ID: 1611200813-01

York Sample ID: 20H0643-01

York Project (SDG) No.
20H0643

Client Project ID
20040181.B3N Former Hudson Wire Mill

Matrix
Water

Collection Date/Time
August 13, 2020 10:35 am

Date Received
08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	0.55		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:24	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
	Surrogate Recoveries	Result						Acceptance Range			
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	120 %						69-130			
2037-26-5	Surrogate: SURRE: Toluene-d8	106 %						81-117			
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	94.5 %						79-122			

Sample Information

Client Sample ID: 1611200813-02

York Sample ID: 20H0643-02

York Project (SDG) No.
20H0643

Client Project ID
20040181.B3N Former Hudson Wire Mill

Matrix
Water

Collection Date/Time
August 13, 2020 10:59 am

Date Received
08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			



Sample Information

Client Sample ID: 1611200813-02

York Sample ID: 20H0643-02

York Project (SDG) No.
20H0643

Client Project ID
20040181.B3N Former Hudson Wire Mill

Matrix
Water

Collection Date/Time
August 13, 2020 10:59 am

Date Received
08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
156-59-2	cis-1,2-Dichloroethylene	2.4		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			



Sample Information

Client Sample ID: 1611200813-02

York Sample ID: 20H0643-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 10:59 am

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
							Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP				
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP				
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
127-18-4	Tetrachloroethylene	1.6		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
79-01-6	Trichloroethylene	4.0		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	08/25/2020 09:30	08/25/2020 13:50	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP				

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	117 %									
2037-26-5	Surrogate: SURRE: Toluene-d8	106 %									
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	95.4 %									

Chromium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
7440-47-3	Chromium	0.0111		mg/L	0.00556	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:06	BML	
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP				



Sample Information

Client Sample ID: 1611200813-02

York Sample ID: 20H0643-02

<u>York Project (SDG) No.</u> 20H0643	<u>Client Project ID</u> 20040181.B3N Former Hudson Wire Mill	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 13, 2020 10:59 am	<u>Date Received</u> 08/18/2020
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Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.0621	B	mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/19/2020 14:02	08/21/2020 14:06	BML

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	0.00647		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/19/2020 14:02	08/21/2020 14:06	BML

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/19/2020 14:02	08/21/2020 14:06	BML

Silver by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	0.0462		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/19/2020 14:02	08/21/2020 14:06	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2020 17:27	08/18/2020 22:43	MAO

Sample Information

Client Sample ID: 1611200813-03

York Sample ID: 20H0643-03

<u>York Project (SDG) No.</u> 20H0643	<u>Client Project ID</u> 20040181.B3N Former Hudson Wire Mill	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 13, 2020 11:30 am	<u>Date Received</u> 08/18/2020
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Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes: VSAMP

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 14:17	SS



Sample Information

Client Sample ID: 1611200813-03

York Sample ID: 20H0643-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 11:30 am

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes: VSAMP

Sample Prepared by Method: EPA 5030B

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Contains 30 rows of chemical analysis data.



Sample Information

Client Sample ID: 1611200813-03

York Sample ID: 20H0643-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 11:30 am

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes: VSAMP

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:17	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:17	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
156-59-2	cis-1,2-Dichloroethylene	5.8		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:17	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:17	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:17	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:17	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:17	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:17	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:17	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-09-2	Methylene chloride	3.8		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:17	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:17	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:17	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:17	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:17	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:17	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP			
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:17	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:17	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:17	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
127-18-4	Tetrachloroethylene	66		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:17	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-88-3	Toluene	0.59		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:17	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:17	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:17	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-01-6	Trichloroethylene	31		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:17	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:17	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			



Sample Information

Client Sample ID: 1611200813-03

York Sample ID: 20H0643-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 11:30 am

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes: VSAMP

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:17	SS
Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP											
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:17	SS
Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP											

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	112 %			69-130
2037-26-5	Surrogate: SURRE: Toluene-d8	107 %			81-117
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	93.1 %			79-122

Chromium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
7440-47-3	Chromium	0.0801		mg/L	0.00556	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:09	BML	
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
7440-50-8	Copper	1.80	B	mg/L	0.0222	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:09	BML	
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
7439-92-1	Lead	0.0609		mg/L	0.00556	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:09	BML	
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
7440-02-0	Nickel	0.720		mg/L	0.0111	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:09	BML	
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Silver by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
7440-22-4	Silver	1.11		mg/L	0.00556	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:09	BML	
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											



Sample Information

Client Sample ID: 1611200813-03

York Sample ID: 20H0643-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 11:30 am

08/18/2020

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury, 0.00044, mg/L, 0.00020, 1, EPA 7473, 08/18/2020 17:27, 08/19/2020 10:00, SY.

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 57-12-5 Cyanide, total, 5.66, mg/L, 0.500, 50, SM 4500 CN C/E, 08/20/2020 14:24, 08/20/2020 19:40, MAO.

Sample Information

Client Sample ID: 1611200813-04

York Sample ID: 20H0643-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 11:48 am

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Multiple rows for various compounds like 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, etc., all with ND results.



Sample Information

Client Sample ID: 1611200813-04

York Sample ID: 20H0643-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 11:48 am

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:44	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 14:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			



Sample Information

Client Sample ID: 1611200813-04

York Sample ID: 20H0643-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 11:48 am

08/18/2020

Volatile Organics, TCL (Target Compound List)

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
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 14:44	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 14:44	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 14:44	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/25/2020 09:30	08/25/2020 14:44	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/25/2020 09:30	08/25/2020 14:44	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 14:44	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 14:44	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 14:44	SS
127-18-4	Tetrachloroethylene	1.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 14:44	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 14:44	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 14:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 14:44	SS
79-01-6	Trichloroethylene	0.60		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 14:44	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 14:44	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 14:44	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/25/2020 09:30	08/25/2020 14:44	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	118 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	106 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	96.6 %			79-122						

Chromium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	0.0240		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/19/2020 14:02	08/21/2020 14:18	BML



Sample Information

Client Sample ID: 1611200813-04

York Sample ID: 20H0643-04

York Project (SDG) No.

Client Project ID

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20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 11:48 am

08/18/2020

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.0718	B	mg/L	0.0222	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	0.0553		mg/L	0.00556	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	0.0114		mg/L	0.0111	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Silver by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	0.0130		mg/L	0.00556	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	08/18/2020 17:27	08/18/2020 23:24	MAO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	08/20/2020 14:24	08/20/2020 19:40	MAO
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: 1611200813-05

York Sample ID: 20H0643-05

York Project (SDG) No.

Client Project ID

Matrix

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20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 12:32 pm

08/18/2020



Sample Information

Client Sample ID: 1611200813-05

York Sample ID: 20H0643-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 12:32 pm

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		



Sample Information

Client Sample ID: 1611200813-05

York Sample ID: 20H0643-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 12:32 pm

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
127-18-4	Tetrachloroethylene	1.1		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			



Sample Information

Client Sample ID: 1611200813-05

York Sample ID: 20H0643-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 12:32 pm

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:11	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	122 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	105 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	97.3 %			79-122						

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	08/19/2020 14:17	08/19/2020 20:25	MAO
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	

Sample Information

Client Sample ID: 1611200813-06

York Sample ID: 20H0643-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 1:10 pm

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		



Sample Information

Client Sample ID: 1611200813-06

York Sample ID: 20H0643-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 1:10 pm

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
67-66-3	Chloroform	0.42	J	ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			



Sample Information

Client Sample ID: 1611200813-06

York Sample ID: 20H0643-06

York Project (SDG) No.
20H0643

Client Project ID
20040181.B3N Former Hudson Wire Mill

Matrix
Water

Collection Date/Time
August 13, 2020 1:10 pm

Date Received
08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
							Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
							Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP				
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP				
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
127-18-4	Tetrachloroethylene	0.56		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	08/25/2020 09:30	08/25/2020 15:37	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP				

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	117 %	69-130
2037-26-5	Surrogate: SURRE: Toluene-d8	106 %	81-117
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	95.1 %	79-122



Sample Information

Client Sample ID: 1611200813-06

York Sample ID: 20H0643-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 1:10 pm

08/18/2020

Chromium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7440-47-3 Chromium, 0.0848 mg/L, 0.00556, 1, EPA 6010D, 08/19/2020 14:02, 08/21/2020 14:21, BML.

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7440-50-8 Copper, 0.317 mg/L, 0.0222, 1, EPA 6010D, 08/19/2020 14:02, 08/21/2020 14:21, BML.

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-92-1 Lead, 0.0749 mg/L, 0.00556, 1, EPA 6010D, 08/19/2020 14:02, 08/21/2020 14:21, BML.

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7440-02-0 Nickel, 0.0478 mg/L, 0.0111, 1, EPA 6010D, 08/19/2020 14:02, 08/21/2020 14:21, BML.

Silver by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7440-22-4 Silver, ND mg/L, 0.00556, 1, EPA 6010D, 08/19/2020 14:02, 08/21/2020 14:21, BML.

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury, ND mg/L, 0.00020, 1, EPA 7473, 08/18/2020 17:27, 08/18/2020 23:34, MAO.

Sample Information

Client Sample ID: 1611200813-07

York Sample ID: 20H0643-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 1:37 pm

08/18/2020



Sample Information

Client Sample ID: 1611200813-07

York Sample ID: 20H0643-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 1:37 pm

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	2.8		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	2.9		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	0.30	J	ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			



Sample Information

Client Sample ID: 1611200813-07

York Sample ID: 20H0643-07

York Project (SDG) No.
20H0643

Client Project ID
20040181.B3N Former Hudson Wire Mill

Matrix
Water

Collection Date/Time
August 13, 2020 1:37 pm

Date Received
08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
156-59-2	cis-1,2-Dichloroethylene	80		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
							Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
							Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP				
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP				
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
127-18-4	Tetrachloroethylene	0.85		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
156-60-5	trans-1,2-Dichloroethylene	1.2		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				



Sample Information

Client Sample ID: 1611200813-07

York Sample ID: 20H0643-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 1:37 pm

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	2.4		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	34		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:04	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	120 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	109 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	91.3 %			79-122						

Chromium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
7440-47-3	Chromium	0.160		mg/L	0.00556	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:23	BML	
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP		

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
7440-50-8	Copper	0.284	B	mg/L	0.0222	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:23	BML	
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP		

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
7439-92-1	Lead	0.00804		mg/L	0.00556	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:23	BML	
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:23	BML	
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP		

Silver by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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



Sample Information

Client Sample ID: 1611200813-07

York Sample ID: 20H0643-07

York Project (SDG) No. 20H0643 Client Project ID 20040181.B3N Former Hudson Wire Mill Matrix Water Collection Date/Time August 13, 2020 1:37 pm Date Received 08/18/2020

Silver by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7440-22-4 Silver 0.0262 mg/L 0.00556 1 EPA 6010D 08/19/2020 14:02 08/21/2020 14:23 BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury ND mg/L 0.00020 1 EPA 7473 08/18/2020 17:27 08/18/2020 23:45 MAO

Sample Information

Client Sample ID: 1611200813-08

York Sample ID: 20H0643-08

York Project (SDG) No. 20H0643 Client Project ID 20040181.B3N Former Hudson Wire Mill Matrix Water Collection Date/Time August 13, 2020 1:48 pm Date Received 08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Multiple rows listing various organic compounds and their results.



Sample Information

Client Sample ID: 1611200813-08

York Sample ID: 20H0643-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 1:48 pm

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:31	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:31	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:31	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:31	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:31	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:31	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:31	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:31	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:31	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:31	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:31	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:31	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:31	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:31	SS
67-66-3	Chloroform	0.55		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:31	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:31	SS
156-59-2	cis-1,2-Dichloroethylene	9.0		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:31	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:31	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:31	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:31	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:31	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:31	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 16:31	SS



Sample Information

Client Sample ID: 1611200813-08

York Sample ID: 20H0643-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 1:48 pm

08/18/2020

Volatile Organics, TCL (Target Compound List)

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
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 16:31	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 16:31	SS
103-65-1	n-Propylbenzene	0.31	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 16:31	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/25/2020 09:30	08/25/2020 16:31	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/25/2020 09:30	08/25/2020 16:31	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 16:31	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 16:31	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 16:31	SS
127-18-4	Tetrachloroethylene	9.3		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 16:31	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 16:31	SS
156-60-5	trans-1,2-Dichloroethylene	0.32	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 16:31	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 16:31	SS
79-01-6	Trichloroethylene	7.9		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 16:31	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 16:31	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 16:31	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/25/2020 09:30	08/25/2020 16:31	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	116 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	104 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	98.0 %			79-122						

Chromium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	0.0217		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/19/2020 14:02	08/21/2020 14:26	BML



Sample Information

Client Sample ID: 1611200813-08

York Sample ID: 20H0643-08

York Project (SDG) No. 20H0643 Client Project ID 20040181.B3N Former Hudson Wire Mill Matrix Water Collection Date/Time August 13, 2020 1:48 pm Date Received 08/18/2020

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7440-50-8 Copper, 0.0662, B, mg/L, 0.0222, 1, EPA 6010D, 08/19/2020 14:02, 08/21/2020 14:26, BML. Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-92-1 Lead, ND, mg/L, 0.00556, 1, EPA 6010D, 08/19/2020 14:02, 08/21/2020 14:26, BML. Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7440-02-0 Nickel, ND, mg/L, 0.0111, 1, EPA 6010D, 08/19/2020 14:02, 08/21/2020 14:26, BML. Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP

Silver by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7440-22-4 Silver, ND, mg/L, 0.00556, 1, EPA 6010D, 08/19/2020 14:02, 08/21/2020 14:26, BML. Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury, ND, mg/L, 0.00020, 1, EPA 7473, 08/18/2020 17:27, 08/18/2020 23:55, MAO. Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: 1611200813-09

York Sample ID: 20H0643-09

York Project (SDG) No. 20H0643 Client Project ID 20040181.B3N Former Hudson Wire Mill Matrix Water Collection Date/Time August 13, 2020 2:25 pm Date Received 08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 71-55-6 1,1,1-Trichloroethane, ND, ug/L, 0.40, 1.0, 2, EPA 8260C, 08/25/2020 09:30, 08/25/2020 16:58, SS. Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP



Sample Information

Client Sample ID: 1611200813-09

York Sample ID: 20H0643-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 2:25 pm

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	13		ug/L	2.0	4.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		



Sample Information

Client Sample ID: 1611200813-09

York Sample ID: 20H0643-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 2:25 pm

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
									Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	2.0	4.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/L	2.0	4.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
									Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	1.0	2.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		



Sample Information

Client Sample ID: 1611200813-09

York Sample ID: 20H0643-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 2:25 pm

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	3.0		ug/L	0.40	1.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	1.2	3.0	2	EPA 8260C	08/25/2020 09:30	08/25/2020 16:58	SS
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	118 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	104 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.8 %			79-122						

Chromium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	0.0179		mg/L	0.00556	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:29	BML
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	

Chromium, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	08/25/2020 13:50	08/25/2020 15:23	KML
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.0911	B	mg/L	0.0222	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:29	BML
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	

Copper, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	08/25/2020 13:50	08/25/2020 15:23	KML
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:29	BML
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	



Sample Information

Client Sample ID: 1611200813-09

York Sample ID: 20H0643-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 2:25 pm

08/18/2020

Lead, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/25/2020 13:50	08/25/2020 15:23	KML

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/19/2020 14:02	08/21/2020 14:29	BML

Nickel, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/25/2020 13:50	08/25/2020 15:23	KML

Silver by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/19/2020 14:02	08/21/2020 14:29	BML

Silver, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/25/2020 13:50	08/25/2020 15:23	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2020 17:27	08/19/2020 00:06	MAO

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2020 10:49	08/20/2020 18:29	MAO



Sample Information

Client Sample ID: 1611200813-10

York Sample ID: 20H0643-10

York Project (SDG) No.
20H0643

Client Project ID
20040181.B3N Former Hudson Wire Mill

Matrix
Water

Collection Date/Time
August 13, 2020 3:40 pm

Date Received
08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C	08/25/2020 09:30	08/25/2020 17:25	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C	08/25/2020 09:30	08/25/2020 17:25	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	1.0	2.5	5	EPA 8260C	08/25/2020 09:30	08/25/2020 17:25	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C	08/25/2020 09:30	08/25/2020 17:25	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C	08/25/2020 09:30	08/25/2020 17:25	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260C	08/25/2020 09:30	08/25/2020 17:25	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C	08/25/2020 09:30	08/25/2020 17:25	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C	08/25/2020 09:30	08/25/2020 17:25	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C	08/25/2020 09:30	08/25/2020 17:25	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
106-93-4	1,2-Dibromoethane	ND		ug/L	1.0	2.5	5	EPA 8260C	08/25/2020 09:30	08/25/2020 17:25	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C	08/25/2020 09:30	08/25/2020 17:25	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-87-5	1,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C	08/25/2020 09:30	08/25/2020 17:25	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C	08/25/2020 09:30	08/25/2020 17:25	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		ug/L	1.0	2.5	5	EPA 8260C	08/25/2020 09:30	08/25/2020 17:25	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
591-78-6	2-Hexanone	ND		ug/L	1.0	2.5	5	EPA 8260C	08/25/2020 09:30	08/25/2020 17:25	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	1.0	2.5	5	EPA 8260C	08/25/2020 09:30	08/25/2020 17:25	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
67-64-1	Acetone	ND		ug/L	5.0	10	5	EPA 8260C	08/25/2020 09:30	08/25/2020 17:25	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-43-2	Benzene	ND		ug/L	1.0	2.5	5	EPA 8260C	08/25/2020 09:30	08/25/2020 17:25	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-27-4	Bromodichloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C	08/25/2020 09:30	08/25/2020 17:25	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-25-2	Bromoform	ND		ug/L	1.0	2.5	5	EPA 8260C	08/25/2020 09:30	08/25/2020 17:25	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
74-83-9	Bromomethane	ND		ug/L	1.0	2.5	5	EPA 8260C	08/25/2020 09:30	08/25/2020 17:25	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-15-0	Carbon disulfide	ND		ug/L	1.0	2.5	5	EPA 8260C	08/25/2020 09:30	08/25/2020 17:25	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	2.5	5	EPA 8260C	08/25/2020 09:30	08/25/2020 17:25	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			



Sample Information

Client Sample ID: 1611200813-10

York Sample ID: 20H0643-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 3:40 pm

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Chlorobenzene, Chloroethane, Chloroform, Chloromethane, cis-1,2-Dichloroethylene, cis-1,3-Dichloropropylene, Dibromochloromethane, Dichlorodifluoromethane, Ethyl Benzene, Isopropylbenzene, Methyl tert-butyl ether (MTBE), Methylene chloride, Naphthalene, n-Butylbenzene, n-Propylbenzene, o-Xylene, p- & m- Xylenes, sec-Butylbenzene, Styrene, tert-Butylbenzene, Tetrachloroethylene, Toluene, trans-1,2-Dichloroethylene, trans-1,3-Dichloropropylene.



Sample Information

Client Sample ID: 1611200813-10

York Sample ID: 20H0643-10

York Project (SDG) No.:
20H0643

Client Project ID:
20040181.B3N Former Hudson Wire Mill

Matrix:
Water

Collection Date/Time:
August 13, 2020 3:40 pm

Date Received:
08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 17:25	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 17:25	SS
75-01-4	Vinyl Chloride	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 17:25	SS
1330-20-7	Xylenes, Total	ND		ug/L	3.0	7.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/25/2020 09:30	08/25/2020 17:25	SS
Surrogate Recoveries		Result					Acceptance Range				
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	123 %					69-130				
2037-26-5	Surrogate: SURRE: Toluene-d8	105 %					81-117				
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	96.9 %					79-122				

Chromium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	0.0663		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/19/2020 14:02	08/21/2020 14:32	BML

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.192	B	mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/19/2020 14:02	08/21/2020 14:32	BML

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	0.492		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/19/2020 14:02	08/21/2020 14:32	BML

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	0.0820		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/19/2020 14:02	08/21/2020 14:32	BML

Silver by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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

Client Sample ID: 1611200813-10

York Sample ID: 20H0643-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 3:40 pm

08/18/2020

Silver by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7440-22-4 Silver ND mg/L 0.00556 1 EPA 6010D 08/19/2020 14:02 08/21/2020 14:32 BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury ND mg/L 0.00020 1 EPA 7473 08/18/2020 17:27 08/19/2020 00:16 MAO

Sample Information

Client Sample ID: 1611200813-11

York Sample ID: 20H0643-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 4:00 pm

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Multiple rows for various compounds like 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, etc.



Sample Information

Client Sample ID: 1611200813-11

York Sample ID: 20H0643-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0643

20040181.B3N Former Hudson Wire Mill

Water

August 13, 2020 4:00 pm

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows list various compounds like 1,2-Dichloropropane, 1,3,5-Trimethylbenzene, etc., with results mostly ND.



Sample Information

Client Sample ID: 1611200813-11

York Sample ID: 20H0643-11

York Project (SDG) No.
20H0643

Client Project ID
20040181.B3N Former Hudson Wire Mill

Matrix
Water

Collection Date/Time
August 13, 2020 4:00 pm

Date Received
08/18/2020

Volatile Organics, TCL (Target Compound List)

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
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 17:51	SS
							Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 17:51	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 17:51	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 17:51	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP				
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 17:51	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP				
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 17:51	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 17:51	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 17:51	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 17:51	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 17:51	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 17:51	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 17:51	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 17:51	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 17:51	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 17:51	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	08/25/2020 09:30	08/25/2020 17:51	SS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP				

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	121 %	69-130
2037-26-5	Surrogate: SURRE: Toluene-d8	105 %	81-117
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	93.8 %	79-122



CASE NARRATIVE

York Project/SDG No.: 20H0643
Client: Fuss & O'Neill, Inc.
Client Project ID: 20040181.B3N Former Hudson Wire Mill
Prepared for: Gregory Toothill

Introduction

This Case Narrative applies only to the samples submitted to our laboratory on **08/18/2020 14:58** as detailed on the chain-of-custody form.

The 11 sample(s) were received intact in a custody-sealed cooler(s), unless otherwise noted. Upon receipt, cooler temperature(s) was determined using a NIST traceable digital infrared thermometer. The cooler temperature was acceptable ($\leq 6^{\circ}\text{C}$) and documented as:

<u>Cooler</u>	<u>Temp C°</u>
Default Cooler	2.7

Chain-of-custody was maintained from receipt through analysis in the laboratory.

Methodology

All preparation and analyses were conducted according to the appropriate EPA methods detailed in the report.

Client Sample Information and Non-Conformances

<u>Laboratory ID</u>	<u>Sample Name</u>	<u>Matrix</u>
20H0643-01	1611200813-01	Water
20H0643-02	1611200813-02	Water
20H0643-03	1611200813-03	Water
20H0643-04	1611200813-04	Water
20H0643-05	1611200813-05	Water
20H0643-06	1611200813-06	Water
20H0643-07	1611200813-07	Water
20H0643-08	1611200813-08	Water
20H0643-09	1611200813-09	Water
20H0643-10	1611200813-10	Water
20H0643-11	1611200813-11	Water

<u>Laboratory ID</u>	<u>Sample Name</u>	<u>Analysis</u>	<u>Analyte</u>	<u>Qualifier</u>	<u>Description</u>
20H0643-03	1611200813-03	Volatile Organics, TCL (Target Compound List)			- VSAMP The sample vials provided were consumed during analysis and no remaining sample was available for reanalysis.
20H0643-03	1611200813-03	Volatile Organics, TCL (Target Compound List)	Acetone	E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.

Any additional Client Sample Non-conformances are detailed in the proceeding Case Narrative Non-Conformance Summary tables.

No other problems were encountered during analysis.



QC Sample Non-Conformances

Any QC sample Non-conformances (SCV, CCV, BS, BSD, SRM, PS, MS, MSD, DUP) are detailed in the proceeding Case Narrative Non-Conformance Summary tables.

No other problems were encountered during analysis.

York Project/SDG no.: 20H0643 Statement

We certify that these data are in compliance with SOP requirements both technically and for completeness for other than the conditions stated above. Release of the data contained in the hard copy report and any electronic data deliverables has been authorized by the Laboratory Manager as verified by the signature on this laboratory report.

Approved by: Ben Gulizia
Laboratory Director

Date: 09/16/2020

York Analytical Laboratories, Inc.
Formulae Used for Sample Calculations

1. **Volatile Organics (Water-ug/L or Soil-ug/Kg)**

Soils/Waters

Medium Level Soils

$$C_x = \frac{(A_x)(IS)(DF)}{(A_{is})(RRF)(V)(\% \text{ solids})}$$

$$C_x = \frac{(A_x)(IS)(VT)(1000)(DF)}{(A_{is})(RRF)(VA)(V)(\% \text{ solids})}$$

2. **Semi-Volatiles (Water-ug/L or Soil-ug/Kg)**

$$C_x = \frac{(A_x)(IS)(VE)(DF)}{(A_{is})(RRF)(\text{Volume injected, uL})(V)(\% \text{ solids})}$$

3. **Pesticides/PCB, DRO, EPH, CTETPH (Water-ug/L or Soil-ug/Kg)**

$$C_x = \frac{(A_x)(VE)(DF)}{(CF)(\text{Volume injected, uL})(V)(\% \text{ solids})}$$

4. **Inorganics (Water or Soil-ug/mL)**

$$C_x = \frac{(\text{Conc.})(VE)}{(V)(\% \text{ solids}/100)}$$

WHERE:



C_x = concentration of analyte as ug/L or ug/kg
A_x = Area of the characteristic ion for the compound to be measured, counts
A_{is} = Area of the characteristic ion for the specific internal standard, counts
IS = Concentration of the internal standard spiking mixture, ng
RRF = Mean relative response factor from the initial calibration
DF = Dilution factor calculated as described in section 2. If no dilution is performed, DF= 1
V = Volume for liquids in mL, weight for soils/solids in grams
V_A = volume of MeOH aliquot for medium level soils
V_E = final volume of concentrated extract or digestate
V_T = volume of MeOH for volatiles medium level soils
CF = calibration factor for external calibration used in GC pest/pcb
C_{is} = Concentration of the internal standard spiking mixture, ppbv



Case Narrative Non-Conformance Summary

Laboratory: York Analytical Laboratories, Inc. Client:
 Project: Lab Project No:
 Laboratory Sample ID(s): -01 - -11 Sampling Date(s): 08/13/2020 - 08/13/2020
 Review Date(s): - Laboratory Reviewer(s):

QC Sample Nonconformances

Batch ID: BH01387 Affected Samples: See Batch Summary

QC Sample ID	Analyte - CAS No.	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Notes
BH01387-BS1	1,2-Dichloroethane - 107-06-2	0.81 ug/L	LCS	8.10	69-133	Low Bias				
BH01387-BS1	2-Butanone - 78-93-3	3.3 ug/L	LCS	32.7	44-169	Low Bias				
BH01387-BS1	Chloromethane - 74-87-3	14 ug/L	LCS	140	43-134	High Bias				
BH01387-BS1	Dichlorodifluoromethane - 75-71-8	20 ug/L	LCS	196	38-139	High Bias				
BH01387-BS1	n-Butylbenzene - 104-51-8	14 ug/L	LCS	136	74-132	High Bias				
BH01387-BSD1	1,2-Dibromo-3-chloropropane - 96-12-8	12 ug/L	LCS Dup	119	60-150		36.9	30	Non-dir.	
BH01387-BSD1	1,2-Dichloroethane - 107-06-2	10 ug/L	LCS Dup	104	69-133		171	30	Non-dir.	
BH01387-BSD1	2-Butanone - 78-93-3	15 ug/L	LCS Dup	145	44-169		127	30	Non-dir.	
BH01387-BSD1	Acetone - 67-64-1	15 ug/L	LCS Dup	145	29-163		69.6	30	Non-dir.	
BH01387-BSD1	Chloromethane - 74-87-3	6.7 ug/L	LCS Dup	67.1	43-134		70.4	30	Non-dir.	
BH01387-BSD1	Dichlorodifluoromethane - 75-71-8	20 ug/L	LCS Dup	196	38-139	High Bias	0.408	30		
BH01387-BSD1	Surrogate: SURR: p-Bromofluorobenzene	7.77 ug/L	Surrogate	77.7	79-122	Low Bias				



Batch ID: BH01540

Affected Samples:

See Batch Summary

QC Sample ID	Analyte - CAS No.	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Notes
BH01540-BLK1	Surrogate: SURR: p-Bromofluorobenzene	14.0 ug/L	Surrogate	140	79-122	High Bias				
BH01540-BS1	1,1,2-Trichloroethane - 79-00-5	6.6 ug/L	LCS	66.3	79-125	Low Bias				
BH01540-BS1	1,2,4-Trichlorobenzene - 120-82-1	6.7 ug/L	LCS	67.4	75-141	Low Bias				
BH01540-BS1	Bromomethane - 74-83-9	4.4 ug/L	LCS	44.1	50-156	Low Bias				
BH01540-BS1	Tetrachloroethylene - 127-18-4	5.6 ug/L	LCS	56.0	78-133	Low Bias				
BH01540-BSD1	1,1,2-Trichloroethane - 79-00-5	9.1 ug/L	LCS Dup	91.1	79-125		31.5	30	Non-dir.	
BH01540-BSD1	1,1-Dichloroethane - 75-34-3	7.6 ug/L	LCS Dup	75.5	78-128	Low Bias	37.5	30	Non-dir.	
BH01540-BSD1	1,2,4-Trichlorobenzene - 120-82-1	9.3 ug/L	LCS Dup	93.1	75-141		32.0	30	Non-dir.	
BH01540-BSD1	Acetone - 67-64-1	5.2 ug/L	LCS Dup	52.5	29-163		36.6	30	Non-dir.	
BH01540-BSD1	Carbon disulfide - 75-15-0	7.9 ug/L	LCS Dup	78.8	54-154		45.9	30	Non-dir.	
BH01540-BSD1	Methyl tert-butyl ether (MTBE) - 1634-04-4	7.5 ug/L	LCS Dup	74.9	64-142		48.6	30	Non-dir.	
BH01540-BSD1	Methylene chloride - 75-09-2	8.1 ug/L	LCS Dup	81.1	56-142		43.8	30	Non-dir.	
BH01540-BSD1	Tetrachloroethylene - 127-18-4	8.6 ug/L	LCS Dup	86.0	78-133		42.3	30	Non-dir.	
BH01540-BSD1	trans-1,2-Dichloroethylene - 156-60-5	7.8 ug/L	LCS Dup	77.7	59-145		45.6	30	Non-dir.	
BH01540-BSD1	Surrogate: SURR: p-Bromofluorobenzene	6.68 ug/L	Surrogate	66.8	79-122	Low Bias				

Batch ID: Y0H2527

Affected Samples:

See Batch Summary

QC Sample ID	Analyte - CAS No.	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Notes
Y0H2527-CCV1	1,1-Dichloroethylene - 75-35-4	12.8 ug/L	Calibration Check	128	80-120	High Bias				
Y0H2527-CCV1	2-Hexanone - 591-78-6	13.0 ug/L	Calibration Check	130	80-120	High Bias				
Y0H2527-CCV1	Acetone - 67-64-1	12.4 ug/L	Calibration Check	124	80-120	High Bias				
Y0H2527-CCV1	Chloroethane - 75-00-3	12.8 ug/L	Calibration Check	128	80-120	High Bias				
Y0H2527-CCV1	Chloromethane - 74-87-3	13.7 ug/L	Calibration Check	137	80-120	High Bias				
Y0H2527-CCV1	Dichlorodifluoromethane - 75-71-8	18.5 ug/L	Calibration Check	185	80-120	High Bias				
Y0H2527-CCV1	n-Butylbenzene - 104-51-8	13.9 ug/L	Calibration Check	139	80-120	High Bias				
Y0H2527-CCV1	Trichlorofluoromethane - 75-69-4	13.1 ug/L	Calibration Check	131	80-120	High Bias				
Y0H2527-CCV1	Vinyl Chloride - 75-01-4	13.4 ug/L	Calibration Check	134	80-120	High Bias				

Batch ID: Y0H2820

Affected Samples:

See Batch Summary

QC Sample ID	Analyte - CAS No.	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Notes
Y0H2820-CCV1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) - 76-13-1	12.9 ug/L	Calibration Check	129	80-120	High Bias				
Y0H2820-CCV1	Acetone - 67-64-1	6.93 ug/L	Calibration Check	69.3	80-120	Low Bias				
Y0H2820-CCV1	Bromoform - 75-25-2	12.0 ug/L	Calibration Check	120	80-120	High Bias				
Y0H2820-CCV1	Bromomethane - 74-83-9	4.61 ug/L	Calibration Check	46.1	80-120	Low Bias				
Y0H2820-CCV1	Chloroethane - 75-00-3	12.4 ug/L	Calibration Check	124	80-120	High Bias				
Y0H2820-CCV1	Dichlorodifluoromethane - 75-71-8	7.44 ug/L	Calibration Check	74.4	80-120	Low Bias				



Batch ID: BH01065 **Affected Samples:** **See Batch Summary**

QC Sample ID	Analyte - CAS No.	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Notes
BH01065-BLK1	Copper - 7440-50-8	0.0247 mg/L	Blank		-					
BH01065-BS1	Copper - 7440-50-8	0.302 mg/L	LCS	121	80-120	High Bias				

Batch ID: Y0H3110 **Affected Samples:** **See Batch Summary**

QC Sample ID	Analyte - CAS No.	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Notes
Y0H3110-CCV2	Silver - 7440-22-4	1.38 ug/mL	Calibration Check	110	90-110	High Bias				
Y0H3110-CRL1	Lead - 7439-92-1	0.00738 ug/mL	Instrument RL Check	148	70-130	High Bias				
Y0H3110-CRL1	Nickel - 7440-02-0	0.00507 mg/L	Instrument RL Check	50.7	70-130	Low Bias				

Batch ID: BH01173 **Affected Samples:** **See Batch Summary**

QC Sample ID	Analyte - CAS No.	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Notes
BH01173-MS1	Cyanide, total - 57-12-5	0.117 mg/L	Matrix Spike (1611200813-04)	58.4	79-105	Low Bias				



Batch ID: BH01065

General Method: Metals by ICP

YORK Sample ID	Client Sample ID
20H0643-02	1611200813-02
20H0643-03	1611200813-03
20H0643-04	1611200813-04
20H0643-06	1611200813-06
20H0643-07	1611200813-07
20H0643-08	1611200813-08
20H0643-09	1611200813-09
20H0643-10	1611200813-10
BH01065-BLK1	Blank
BH01065-BS1	LCS

Batch ID: BH01173

General Method: Wet Chemistry Parameters

YORK Sample ID	Client Sample ID
20H0643-03	1611200813-03
20H0643-04	1611200813-04
BH01173-BLK1	Blank
BH01173-BS1	LCS
BH01173-DUP1	Duplicate
BH01173-MS1	Matrix Spike

Batch ID: BH01387

General Method: Volatile Organic Compounds by GC/MS

YORK Sample ID	Client Sample ID
20H0643-01	1611200813-01
20H0643-02	1611200813-02
20H0643-03	1611200813-03
20H0643-04	1611200813-04
20H0643-05	1611200813-05
20H0643-06	1611200813-06
20H0643-07	1611200813-07
20H0643-08	1611200813-08
20H0643-09	1611200813-09
20H0643-10	1611200813-10
20H0643-11	1611200813-11
BH01387-BLK1	Blank
BH01387-BS1	LCS
BH01387-BSD1	LCS Dup

Batch ID: BH01540

General Method: Volatile Organic Compounds by GC/MS

YORK Sample ID	Client Sample ID
20H0643-03RE1	1611200813-03
BH01540-BLK1	Blank
BH01540-BS1	LCS
BH01540-BSD1	LCS Dup



No Sample Nonconformances Found

Notes: Other nonconformances, if any, are detailed in the Data Quality Assessment worksheets.

For multiple surrogate analyses such as semi-volatiles, volatiles, etc, single surrogate excursions do not necessarily indicate a bias in the sample. Samples with multiple surrogate excursions may exhibit a bias in the results.

Definitions: LCS - Laboratory Control Sample
LCS dup - Laboratory Control Sample Duplicate
MS - Matrix Spike
MSD - Matrix Spike Duplicate
BS - Blank Spike also called LCS
BSD - Blank Spike Duplicate also called LCS dup
SRM - Standard Reference Material
DUP - Duplicate



QC DATA QUALIFIERS

LabID	Analysis	Analyte	Qualifier	Definition
BH01065-BS1	Copper by EPA 6010	Copper	M-BS, B	
Y0H2107-CRL1	Copper by EPA 6010	Copper	M-CRL	The RL check for this element recovered outside of control limits.
BH01065-BLK1	Copper by EPA 6010	Copper	M-MBLk	Analyte was detected in the batch method blank above the Reporting Limit.

LabID	Analysis	Analyte	Qualifier	Definition
BH01173-MS1	Cyanide, Total	Cyanide, total	QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

LabID	Analysis	Analyte	Qualifier	Definition
Y0H2107-CRL1	Lead by EPA 6010	Lead	M-CRL	The RL check for this element recovered outside of control limits.

LabID	Analysis	Analyte	Qualifier	Definition
Y0H2107-CRL1	Nickel by EPA 6010	Nickel	M-CRL	The RL check for this element recovered outside of control limits.

LabID	Analysis	Analyte	Qualifier	Definition
Y0H2107-CRL1	Silver by EPA 6010	Silver	M-CRL	The RL check for this element recovered outside of control limits.

LabID	Analysis	Analyte	Qualifier	Definition
BH01540-BSD1	Volatile Organics, TCL (Target Compound List)	1,2,4-Trichlorobenzene	QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
BH01540-BS1	Volatile Organics, TCL (Target Compound List)	Tetrachloroethylene	QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
BH01540-BS1	Volatile Organics, TCL (Target Compound List)	Bromomethane	QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.



LabID	Analysis	Analyte	Qualifier	Definition
BH01540-BS1	Volatile Organics, TCL (Target Compound List)	1,2,4-Trichlorobenzene	QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
BH01540-BS1	Volatile Organics, TCL (Target Compound List)	1,1,2-Trichloroethane	QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
BH01540-BLK1	Volatile Organics, TCL (Target Compound List)	SURR: p-Bromofluorobenzene	S-08	The recovery of this surrogate was outside of QC limits.
BH01387-BSD1	Volatile Organics, TCL (Target Compound List)	Dichlorodifluoromethane	QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
BH01540-BSD1	Volatile Organics, TCL (Target Compound List)	Carbon disulfide	QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
BH01387-BSD1	Volatile Organics, TCL (Target Compound List)	Chloromethane	QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
BH01387-BSD1	Volatile Organics, TCL (Target Compound List)	2-Butanone	QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
BH01387-BSD1	Volatile Organics, TCL (Target Compound List)	1,2-Dibromo-3-chloropropane	QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
BH01387-BSD1	Volatile Organics, TCL (Target Compound List)	Acetone	QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
BH01387-BSD1	Volatile Organics, TCL (Target Compound List)	1,2-Dichloroethane	QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.



LabID	Analysis	Analyte	Qualifier	Definition
BH01387-BS1	Volatile Organics, TCL (Target Compound List)	n-Butylbenzene	QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
BH01387-BS1	Volatile Organics, TCL (Target Compound List)	Chloromethane	QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
BH01387-BS1	Volatile Organics, TCL (Target Compound List)	Dichlorodifluoromethane	QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
BH01387-BS1	Volatile Organics, TCL (Target Compound List)	2-Butanone	QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
BH01387-BS1	Volatile Organics, TCL (Target Compound List)	1,2-Dichloroethane	QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
BH01387-BSD1	Volatile Organics, TCL (Target Compound List)	SURR: p-Bromofluorobenzene	QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
Y0H2527-CCV1	Volatile Organics, TCL (Target Compound List)	Acetone	CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Y0H2820-CCV1	Volatile Organics, TCL (Target Compound List)	Chloroethane	CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).



LabID	Analysis	Analyte	Qualifier	Definition
Y0H2820-CCV1	Volatile Organics, TCL (Target Compound List)	Bromomethane	CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Y0H2820-CCV1	Volatile Organics, TCL (Target Compound List)	Acetone	CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Y0H2820-CCV1	Volatile Organics, TCL (Target Compound List)	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Y0H2527-CCV1	Volatile Organics, TCL (Target Compound List)	Vinyl Chloride	CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Y0H2527-CCV1	Volatile Organics, TCL (Target Compound List)	Trichlorofluoromethane	CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Y0H2527-CCV1	Volatile Organics, TCL (Target Compound List)	n-Butylbenzene	CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Y0H2527-CCV1	Volatile Organics, TCL (Target Compound List)	Dichlorodifluoromethane	CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
BH01540-BSD1	Volatile Organics, TCL (Target Compound List)	1,1-Dichloroethane	QL-02, QR-	
Y0H2527-CCV1	Volatile Organics, TCL (Target Compound List)	Chloroethane	CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
BH01540-BSD1	Volatile Organics, TCL (Target Compound List)	1,1,2-Trichloroethane	QR-04	The RPD exceeded control limits for the LCS/LCSD QC.



LabID	Analysis	Analyte	Qualifier	Definition
Y0H2527-CCV1	Volatile Organics, TCL (Target Compound List)	2-Hexanone	CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Y0H2527-CCV1	Volatile Organics, TCL (Target Compound List)	1,1-Dichloroethylene	CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
BH01540-BSD1	Volatile Organics, TCL (Target Compound List)	trans-1,2-Dichloroethylene	QR-04, S-08	
BH01540-BSD1	Volatile Organics, TCL (Target Compound List)	SURR: p-Bromofluorobenzene	S-08	The recovery of this surrogate was outside of QC limits.
BH01540-BSD1	Volatile Organics, TCL (Target Compound List)	Tetrachloroethylene	QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
BH01540-BSD1	Volatile Organics, TCL (Target Compound List)	Methylene chloride	QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
BH01540-BSD1	Volatile Organics, TCL (Target Compound List)	Methyl tert-butyl ether (MTBE)	QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
Y0H2820-CCV1	Volatile Organics, TCL (Target Compound List)	Dichlorodifluoromethane	CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
BH01540-BSD1	Volatile Organics, TCL (Target Compound List)	Acetone	QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
Y0H2527-CCV1	Volatile Organics, TCL (Target Compound List)	Chloromethane	CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).



Analytical Batch Summary

Batch ID: BH01001 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20H0643-02	1611200813-02	08/18/20
20H0643-03	1611200813-03	08/18/20
20H0643-04	1611200813-04	08/18/20
20H0643-06	1611200813-06	08/18/20
20H0643-07	1611200813-07	08/18/20
20H0643-08	1611200813-08	08/18/20
20H0643-09	1611200813-09	08/18/20
20H0643-10	1611200813-10	08/18/20
BH01001-BLK1	Blank	08/18/20
BH01001-SRM1	Reference	08/18/20

Batch ID: BH01065 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20H0643-02	1611200813-02	08/19/20
20H0643-03	1611200813-03	08/19/20
20H0643-04	1611200813-04	08/19/20
20H0643-06	1611200813-06	08/19/20
20H0643-07	1611200813-07	08/19/20
20H0643-08	1611200813-08	08/19/20
20H0643-09	1611200813-09	08/19/20
20H0643-10	1611200813-10	08/19/20
BH01065-BLK1	Blank	08/19/20
BH01065-BS1	LCS	08/19/20

Batch ID: BH01069 **Preparation Method:** Analysis Preparation **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
20H0643-05	1611200813-05	08/19/20
BH01069-BLK1	Blank	08/19/20
BH01069-BS1	LCS	08/19/20

Batch ID: BH01140 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20H0643-09	1611200813-09	08/20/20
BH01140-BLK1	Blank	08/20/20
BH01140-SRM1	Reference	08/20/20

Batch ID: BH01173 **Preparation Method:** Analysis Preparation **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
20H0643-03	1611200813-03	08/20/20



20H0643-04	1611200813-04	08/20/20
BH01173-BLK1	Blank	08/20/20
BH01173-BS1	LCS	08/20/20
BH01173-DUP1	Duplicate	08/20/20
BH01173-MS1	Matrix Spike	08/20/20

Batch ID: BH01387 **Preparation Method:** EPA 5030B **Prepared By:** AH

YORK Sample ID	Client Sample ID	Preparation Date
20H0643-01	1611200813-01	08/25/20
20H0643-02	1611200813-02	08/25/20
20H0643-03	1611200813-03	08/25/20
20H0643-04	1611200813-04	08/25/20
20H0643-05	1611200813-05	08/25/20
20H0643-06	1611200813-06	08/25/20
20H0643-07	1611200813-07	08/25/20
20H0643-08	1611200813-08	08/25/20
20H0643-09	1611200813-09	08/25/20
20H0643-10	1611200813-10	08/25/20
20H0643-11	1611200813-11	08/25/20
BH01387-BLK1	Blank	08/25/20
BH01387-BS1	LCS	08/25/20
BH01387-BSD1	LCS Dup	08/25/20

Batch ID: BH01407 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20H0643-09	1611200813-09	08/25/20
BH01407-BLK1	Blank	08/25/20
BH01407-BS1	LCS	08/25/20

Batch ID: BH01540 **Preparation Method:** EPA 5030B **Prepared By:** AH

YORK Sample ID	Client Sample ID	Preparation Date
20H0643-03RE1	1611200813-03	08/25/20
BH01540-BLK1	Blank	08/27/20
BH01540-BS1	LCS	08/27/20
BH01540-BSD1	LCS Dup	08/27/20



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH01387 - EPA 5030B

Blank (BH01387-BLK1)

Prepared & Analyzed: 08/25/2020

1,1,1-Trichloroethane	ND	0.50	ug/L								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Flag
		Limit							Units		
Batch BH01387 - EPA 5030B											
Blank (BH01387-BLK1)										Prepared & Analyzed: 08/25/2020	
Xylenes, Total	ND	1.5	ug/L								
Surrogate: SURR: 1,2-Dichloroethane-d4	12.0		"	10.0	120	69-130					
Surrogate: SURR: Toluene-d8	10.5		"	10.0	105	81-117					
Surrogate: SURR: p-Bromofluorobenzene	9.43		"	10.0	94.3	79-122					
LCS (BH01387-BS1)										Prepared & Analyzed: 08/25/2020	
1,1,1-Trichloroethane	10		ug/L	10.0	99.9	68-138					
1,1,2,2-Tetrachloroethane	9.2		"	10.0	91.6	73-132					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.3		"	10.0	92.9	67-136					
1,1,2-Trichloroethane	9.1		"	10.0	90.7	79-125					
1,1-Dichloroethane	9.3		"	10.0	92.6	78-128					
1,1-Dichloroethylene	10		"	10.0	105	68-134					
1,2,4-Trichlorobenzene	9.2		"	10.0	92.4	75-141					
1,2,4-Trimethylbenzene	9.8		"	10.0	98.0	78-127					
1,2-Dibromo-3-chloropropane	8.2		"	10.0	81.9	60-150					
1,2-Dibromoethane	9.2		"	10.0	92.4	86-123					
1,2-Dichloroethane	0.81		"	10.0	8.10	69-133	Low Bias				
1,2-Dichloropropane	10		"	10.0	101	76-124					
1,3,5-Trimethylbenzene	9.8		"	10.0	97.6	78-128					
2-Butanone	3.3		"	10.0	32.7	44-169	Low Bias				
2-Hexanone	10		"	10.0	101	62-145					
4-Methyl-2-pentanone	7.9		"	10.0	78.7	67-137					
Acetone	7.0		"	10.0	70.3	29-163					
Benzene	9.0		"	10.0	90.1	72-134					
Bromodichloromethane	10		"	10.0	101	76-127					
Bromoform	9.2		"	10.0	92.5	77-137					
Bromomethane	10		"	10.0	103	50-156					
Carbon disulfide	10		"	10.0	101	54-154					
Carbon tetrachloride	10		"	10.0	105	62-145					
Chlorobenzene	9.4		"	10.0	94.4	85-119					
Chloroethane	13		"	10.0	125	49-143					
Chloroform	9.1		"	10.0	90.9	74-131					
Chloromethane	14		"	10.0	140	43-134	High Bias				
cis-1,2-Dichloroethylene	9.7		"	10.0	96.9	73-134					
cis-1,3-Dichloropropylene	9.7		"	10.0	97.1	77-128					
Dibromochloromethane	10		"	10.0	100	79-130					
Dichlorodifluoromethane	20		"	10.0	196	38-139	High Bias				
Ethyl Benzene	9.8		"	10.0	97.9	80-129					
Isopropylbenzene	9.6		"	10.0	95.8	76-128					
Methyl tert-butyl ether (MTBE)	9.0		"	10.0	89.9	64-142					
Methylene chloride	11		"	10.0	105	56-142					
Naphthalene	9.2		"	10.0	91.5	79-144					
n-Butylbenzene	14		"	10.0	136	74-132	High Bias				
n-Propylbenzene	9.7		"	10.0	96.7	72-135					
o-Xylene	9.2		"	10.0	91.9	81-123					
p- & m- Xylenes	20		"	20.0	97.5	79-130					
sec-Butylbenzene	11		"	10.0	111	78-127					
Styrene	9.8		"	10.0	98.1	82-124					
tert-Butylbenzene	9.0		"	10.0	90.0	75-131					
Tetrachloroethylene	9.9		"	10.0	98.9	78-133					
Toluene	9.9		"	10.0	99.0	83-122					



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
		Limit	Units						RPD	Limit
Batch BH01387 - EPA 5030B										
LCS (BH01387-BS1)										
Prepared & Analyzed: 08/25/2020										
trans-1,2-Dichloroethylene	10		ug/L	10.0		103	59-145			
trans-1,3-Dichloropropylene	9.6		"	10.0		96.4	74-131			
Trichloroethylene	10		"	10.0		102	81-125			
Trichlorofluoromethane	13		"	10.0		133	61-144			
Vinyl Chloride	13		"	10.0		133	42-136			
Surrogate: SURRE: 1,2-Dichloroethane-d4	10.8		"	10.0		108	69-130			
Surrogate: SURRE: Toluene-d8	10.7		"	10.0		107	81-117			
Surrogate: SURRE: p-Bromofluorobenzene	8.30		"	10.0		83.0	79-122			
LCS Dup (BH01387-BSD1)										
Prepared & Analyzed: 08/25/2020										
1,1,1-Trichloroethane	9.9		ug/L	10.0		98.7	68-138		1.21	30
1,1,2,2-Tetrachloroethane	9.8		"	10.0		98.2	73-132		6.95	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		116	67-136		21.8	30
1,1,2-Trichloroethane	11		"	10.0		105	79-125		14.7	30
1,1-Dichloroethane	9.4		"	10.0		94.1	78-128		1.61	30
1,1-Dichloroethylene	13		"	10.0		130	68-134		21.8	30
1,2,4-Trichlorobenzene	9.6		"	10.0		96.0	75-141		3.82	30
1,2,4-Trimethylbenzene	9.1		"	10.0		91.0	78-127		7.41	30
1,2-Dibromo-3-chloropropane	12		"	10.0		119	60-150		36.9	30 Non-dir.
1,2-Dibromoethane	11		"	10.0		108	86-123		15.8	30
1,2-Dichloroethane	10		"	10.0		104	69-133		171	30 Non-dir.
1,2-Dichloropropane	11		"	10.0		107	76-124		6.17	30
1,3,5-Trimethylbenzene	9.0		"	10.0		90.0	78-128		8.10	30
2-Butanone	15		"	10.0		145	44-169		127	30 Non-dir.
2-Hexanone	13		"	10.0		126	62-145		22.1	30
4-Methyl-2-pentanone	9.8		"	10.0		97.6	67-137		21.4	30
Acetone	15		"	10.0		145	29-163		69.6	30 Non-dir.
Benzene	9.2		"	10.0		92.5	72-134		2.63	30
Bromodichloromethane	11		"	10.0		107	76-127		5.79	30
Bromoform	10		"	10.0		105	77-137		12.7	30
Bromomethane	10		"	10.0		103	50-156		0.582	30
Carbon disulfide	9.7		"	10.0		97.3	54-154		3.83	30
Carbon tetrachloride	10		"	10.0		101	62-145		3.50	30
Chlorobenzene	9.9		"	10.0		99.1	85-119		4.86	30
Chloroethane	13		"	10.0		125	49-143		0.0798	30
Chloroform	9.5		"	10.0		95.2	74-131		4.62	30
Chloromethane	6.7		"	10.0		67.1	43-134		70.4	30 Non-dir.
cis-1,2-Dichloroethylene	9.9		"	10.0		98.6	73-134		1.74	30
cis-1,3-Dichloropropylene	10		"	10.0		104	77-128		7.25	30
Dibromochloromethane	12		"	10.0		117	79-130		15.4	30
Dichlorodifluoromethane	20		"	10.0		196	38-139	High Bias	0.408	30
Ethyl Benzene	9.9		"	10.0		99.4	80-129		1.52	30
Isopropylbenzene	8.8		"	10.0		87.8	76-128		8.71	30
Methyl tert-butyl ether (MTBE)	10		"	10.0		105	64-142		15.5	30
Methylene chloride	11		"	10.0		109	56-142		3.64	30
Naphthalene	10		"	10.0		103	79-144		12.2	30
n-Butylbenzene	13		"	10.0		126	74-132		7.62	30
n-Propylbenzene	9.0		"	10.0		89.5	72-135		7.73	30
o-Xylene	9.7		"	10.0		96.7	81-123		5.09	30
p- & m- Xylenes	20		"	20.0		99.0	79-130		1.58	30
sec-Butylbenzene	10		"	10.0		100	78-127		10.0	30



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BH01387 - EPA 5030B

LCS Dup (BH01387-BSD1)

Prepared & Analyzed: 08/25/2020

Styrene	10		ug/L	10.0		104	82-124		5.45	30
tert-Butylbenzene	8.4		"	10.0		84.2	75-131		6.66	30
Tetrachloroethylene	10		"	10.0		101	78-133		2.00	30
Toluene	10		"	10.0		100	83-122		1.01	30
trans-1,2-Dichloroethylene	10		"	10.0		104	59-145		1.26	30
trans-1,3-Dichloropropylene	11		"	10.0		107	74-131		10.4	30
Trichloroethylene	10		"	10.0		105	81-125		2.81	30
Trichlorofluoromethane	13		"	10.0		131	61-144		1.89	30
Vinyl Chloride	13		"	10.0		133	42-136		0.301	30
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>11.4</i>		<i>"</i>	<i>10.0</i>		<i>114</i>	<i>69-130</i>			
<i>Surrogate: SURR: Toluene-d8</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>81-117</i>			
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>7.77</i>		<i>"</i>	<i>10.0</i>		<i>77.7</i>	<i>79-122</i>			

Batch BH01540 - EPA 5030B

Blank (BH01540-BLK1)

Prepared & Analyzed: 08/27/2020

1,1,1-Trichloroethane	ND	0.50	ug/L							
1,1,2,2-Tetrachloroethane	ND	0.50	"							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"							
1,1,2-Trichloroethane	ND	0.50	"							
1,1-Dichloroethane	ND	0.50	"							
1,1-Dichloroethylene	ND	0.50	"							
1,2,4-Trichlorobenzene	ND	0.50	"							
1,2,4-Trimethylbenzene	ND	0.50	"							
1,2-Dibromo-3-chloropropane	ND	0.50	"							
1,2-Dibromoethane	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dichloropropane	ND	0.50	"							
1,3,5-Trimethylbenzene	ND	0.50	"							
2-Butanone	ND	0.50	"							
2-Hexanone	ND	0.50	"							
4-Methyl-2-pentanone	ND	0.50	"							
Acetone	ND	2.0	"							
Benzene	ND	0.50	"							
Bromodichloromethane	ND	0.50	"							
Bromoform	ND	0.50	"							
Bromomethane	ND	0.50	"							
Carbon disulfide	ND	0.50	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	0.50	"							
Chloroethane	ND	0.50	"							
Chloroform	ND	0.50	"							
Chloromethane	ND	0.50	"							
cis-1,2-Dichloroethylene	ND	0.50	"							
cis-1,3-Dichloropropylene	ND	0.50	"							
Dibromochloromethane	ND	0.50	"							
Dichlorodifluoromethane	ND	0.50	"							
Ethyl Benzene	ND	0.50	"							
Isopropylbenzene	ND	0.50	"							
Methyl tert-butyl ether (MTBE)	ND	0.50	"							
Methylene chloride	ND	2.0	"							



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH01540 - EPA 5030B

Blank (BH01540-BLK1)

Prepared & Analyzed: 08/27/2020

Naphthalene	ND	2.0	ug/L								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								

Surrogate: SURR: 1,2-Dichloroethane-d4	9.92		"	10.0		99.2	69-130				
Surrogate: SURR: Toluene-d8	8.50		"	10.0		85.0	81-117				
Surrogate: SURR: p-Bromofluorobenzene	14.0		"	10.0		140	79-122				

LCS (BH01540-BS1)

Prepared & Analyzed: 08/27/2020

1,1,1-Trichloroethane	11		ug/L	10.0		110	68-138				
1,1,2,2-Tetrachloroethane	11		"	10.0		106	73-132				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		121	67-136				
1,1,2-Trichloroethane	6.6		"	10.0		66.3	79-125	Low Bias			
1,1-Dichloroethane	11		"	10.0		110	78-128				
1,1-Dichloroethylene	8.0		"	10.0		80.5	68-134				
1,2,4-Trichlorobenzene	6.7		"	10.0		67.4	75-141	Low Bias			
1,2,4-Trimethylbenzene	9.5		"	10.0		95.0	78-127				
1,2-Dibromo-3-chloropropane	11		"	10.0		110	60-150				
1,2-Dibromoethane	9.2		"	10.0		91.7	86-123				
1,2-Dichloroethane	11		"	10.0		114	69-133				
1,2-Dichloropropane	9.5		"	10.0		94.8	76-124				
1,3,5-Trimethylbenzene	9.4		"	10.0		93.9	78-128				
2-Butanone	12		"	10.0		116	44-169				
2-Hexanone	7.5		"	10.0		74.8	62-145				
4-Methyl-2-pentanone	10		"	10.0		103	67-137				
Acetone	7.6		"	10.0		76.0	29-163				
Benzene	12		"	10.0		116	72-134				
Bromodichloromethane	8.4		"	10.0		84.1	76-127				
Bromoform	9.4		"	10.0		94.4	77-137				
Bromomethane	4.4		"	10.0		44.1	50-156	Low Bias			
Carbon disulfide	13		"	10.0		126	54-154				
Carbon tetrachloride	11		"	10.0		111	62-145				
Chlorobenzene	9.7		"	10.0		96.6	85-119				
Chloroethane	11		"	10.0		112	49-143				
Chloroform	11		"	10.0		113	74-131				
Chloromethane	8.5		"	10.0		85.2	43-134				
cis-1,2-Dichloroethylene	11		"	10.0		113	73-134				
cis-1,3-Dichloropropylene	10		"	10.0		101	77-128				
Dibromochloromethane	8.6		"	10.0		85.8	79-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
		Limit	Units						RPD	Limit
Batch BH01540 - EPA 5030B										
LCS (BH01540-BS1)										
						Prepared & Analyzed: 08/27/2020				
Dichlorodifluoromethane	9.8		ug/L	10.0		98.5	38-139			
Ethyl Benzene	10		"	10.0		102	80-129			
Isopropylbenzene	8.5		"	10.0		85.4	76-128			
Methyl tert-butyl ether (MTBE)	12		"	10.0		123	64-142			
Methylene chloride	13		"	10.0		127	56-142			
Naphthalene	10		"	10.0		104	79-144			
n-Butylbenzene	8.4		"	10.0		84.4	74-132			
n-Propylbenzene	9.8		"	10.0		98.1	72-135			
o-Xylene	10		"	10.0		102	81-123			
p- & m- Xylenes	20		"	20.0		99.6	79-130			
sec-Butylbenzene	10		"	10.0		104	78-127			
Styrene	10		"	10.0		103	82-124			
tert-Butylbenzene	9.6		"	10.0		96.1	75-131			
Tetrachloroethylene	5.6		"	10.0		56.0	78-133	Low Bias		
Toluene	8.4		"	10.0		83.5	83-122			
trans-1,2-Dichloroethylene	12		"	10.0		124	59-145			
trans-1,3-Dichloropropylene	10		"	10.0		103	74-131			
Trichloroethylene	9.2		"	10.0		91.5	81-125			
Trichlorofluoromethane	10		"	10.0		104	61-144			
Vinyl Chloride	11		"	10.0		106	42-136			
Surrogate: SURR: 1,2-Dichloroethane-d4	10.8		"	10.0		108	69-130			
Surrogate: SURR: Toluene-d8	9.96		"	10.0		99.6	81-117			
Surrogate: SURR: p-Bromofluorobenzene	10.2		"	10.0		102	79-122			
LCS Dup (BH01540-BSD1)										
						Prepared & Analyzed: 08/27/2020				
1,1,1-Trichloroethane	11		ug/L	10.0		115	68-138		3.82	30
1,1,2,2-Tetrachloroethane	9.3		"	10.0		93.3	73-132		12.5	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		118	67-136		2.17	30
1,1,2-Trichloroethane	9.1		"	10.0		91.1	79-125		31.5	30
1,1-Dichloroethane	7.6		"	10.0		75.5	78-128	Low Bias	37.5	30
1,1-Dichloroethylene	7.8		"	10.0		77.5	68-134		3.80	30
1,2,4-Trichlorobenzene	9.3		"	10.0		93.1	75-141		32.0	30
1,2,4-Trimethylbenzene	9.7		"	10.0		97.2	78-127		2.29	30
1,2-Dibromo-3-chloropropane	8.2		"	10.0		81.9	60-150		29.3	30
1,2-Dibromoethane	9.4		"	10.0		93.6	86-123		2.05	30
1,2-Dichloroethane	11		"	10.0		111	69-133		2.39	30
1,2-Dichloropropane	7.9		"	10.0		78.7	76-124		18.6	30
1,3,5-Trimethylbenzene	9.6		"	10.0		95.5	78-128		1.69	30
2-Butanone	11		"	10.0		107	44-169		7.91	30
2-Hexanone	9.9		"	10.0		98.6	62-145		27.5	30
4-Methyl-2-pentanone	9.8		"	10.0		98.0	67-137		5.27	30
Acetone	5.2		"	10.0		52.5	29-163		36.6	30
Benzene	11		"	10.0		110	72-134		5.04	30
Bromodichloromethane	9.5		"	10.0		94.8	76-127		12.0	30
Bromoform	11		"	10.0		106	77-137		12.0	30
Bromomethane	5.2		"	10.0		51.9	50-156		16.2	30
Carbon disulfide	7.9		"	10.0		78.8	54-154		45.9	30
Carbon tetrachloride	11		"	10.0		108	62-145		3.19	30
Chlorobenzene	9.3		"	10.0		92.6	85-119		4.23	30
Chloroethane	12		"	10.0		116	49-143		3.76	30
Chloroform	11		"	10.0		113	74-131		0.265	30



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level
Batch BH01540 - EPA 5030B										
LCS Dup (BH01540-BSD1)										
Prepared & Analyzed: 08/27/2020										
Chloromethane	10		ug/L	10.0	102	43-134			17.9	30
cis-1,2-Dichloroethylene	11		"	10.0	113	73-134			0.442	30
cis-1,3-Dichloropropylene	9.3		"	10.0	92.6	77-128			9.07	30
Dibromochloromethane	9.8		"	10.0	98.5	79-130			13.8	30
Dichlorodifluoromethane	11		"	10.0	108	38-139			9.39	30
Ethyl Benzene	10		"	10.0	99.8	80-129			1.79	30
Isopropylbenzene	9.4		"	10.0	93.8	76-128			9.38	30
Methyl tert-butyl ether (MTBE)	7.5		"	10.0	74.9	64-142			48.6	30 Non-dir.
Methylene chloride	8.1		"	10.0	81.1	56-142			43.8	30 Non-dir.
Naphthalene	10		"	10.0	102	79-144			2.04	30
n-Butylbenzene	9.4		"	10.0	94.0	74-132			10.8	30
n-Propylbenzene	9.2		"	10.0	91.7	72-135			6.74	30
o-Xylene	9.7		"	10.0	96.9	81-123			5.03	30
p- & m- Xylenes	16		"	20.0	81.0	79-130			20.6	30
sec-Butylbenzene	10		"	10.0	102	78-127			2.62	30
Styrene	10		"	10.0	104	82-124			0.580	30
tert-Butylbenzene	9.4		"	10.0	94.1	75-131			2.10	30
Tetrachloroethylene	8.6		"	10.0	86.0	78-133			42.3	30 Non-dir.
Toluene	9.9		"	10.0	98.6	83-122			16.6	30
trans-1,2-Dichloroethylene	7.8		"	10.0	77.7	59-145			45.6	30 Non-dir.
trans-1,3-Dichloropropylene	9.3		"	10.0	92.8	74-131			10.4	30
Trichloroethylene	8.8		"	10.0	88.5	81-125			3.33	30
Trichlorofluoromethane	11		"	10.0	106	61-144			1.05	30
Vinyl Chloride	12		"	10.0	115	42-136			8.30	30
Surrogate: SURRE: 1,2-Dichloroethane-d4	10.5		"	10.0	105	69-130				
Surrogate: SURRE: Toluene-d8	9.58		"	10.0	95.8	81-117				
Surrogate: SURRE: p-Bromofluorobenzene	6.68		"	10.0	66.8	79-122				



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BH01065 - EPA 3015A

Blank (BH01065-BLK1)

Prepared: 08/19/2020 Analyzed: 08/24/2020

Chromium	ND	0.00556	mg/L									
Copper	0.0247	0.0222	"									
Lead	ND	0.00556	"									
Nickel	ND	0.0111	"									
Silver	ND	0.00556	"									

LCS (BH01065-BS1)

Prepared: 08/19/2020 Analyzed: 08/24/2020

Chromium	0.209		ug/mL	0.200		104	80-120					
Copper	0.302		mg/L	0.250		121	80-120	High Bias				
Lead	0.517		ug/mL	0.500		103	80-120					
Nickel	0.518		mg/L	0.500		104	80-120					
Silver	0.0445		ug/mL	0.0500		89.1	80-120					

Batch BH01407 - EPA 3015A

Blank (BH01407-BLK1)

Prepared & Analyzed: 08/25/2020

Chromium - Dissolved	ND	0.00556	mg/L									
Copper - Dissolved	ND	0.0222	"									
Lead - Dissolved	ND	0.00556	"									
Nickel - Dissolved	ND	0.0111	"									
Silver - Dissolved	ND	0.00556	"									

LCS (BH01407-BS1)

Prepared & Analyzed: 08/25/2020

Chromium - Dissolved	0.188		ug/mL	0.200		94.2	80-120					
Copper - Dissolved	0.260		"	0.250		104	80-120					
Lead - Dissolved	0.495		"	0.500		99.0	80-120					
Nickel - Dissolved	0.487		"	0.500		97.4	80-120					
Silver - Dissolved	0.0542		"	0.0500		108	80-120					



Mercury by EPA 7000/200 Series Methods - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH01001 - EPA 7473 water											
Blank (BH01001-BLK1) Prepared & Analyzed: 08/18/2020											
Mercury	ND	0.00020	mg/L								
Reference (BH01001-SRM1) Prepared & Analyzed: 08/18/2020											
Mercury	0.0105		mg/L	0.0100		105	70-130				
Batch BH01140 - EPA 7473 water											
Blank (BH01140-BLK1) Prepared & Analyzed: 08/20/2020											
Mercury - Dissolved	ND	0.0002000	mg/L								
Reference (BH01140-SRM1) Prepared & Analyzed: 08/20/2020											
Mercury - Dissolved	0.01170		mg/L	0.0100		117	70-130				



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH01069 - Analysis Preparation											
Blank (BH01069-BLK1)											Prepared & Analyzed: 08/19/2020
Cyanide, total	ND	0.0100	mg/L								
LCS (BH01069-BS1)											Prepared & Analyzed: 08/19/2020
Cyanide, total	0.204	0.0100	mg/L	0.200		102	76.2-107				
Batch BH01173 - Analysis Preparation											
Blank (BH01173-BLK1)											Prepared & Analyzed: 08/20/2020
Cyanide, total	ND	0.0100	mg/L								
LCS (BH01173-BS1)											Prepared & Analyzed: 08/20/2020
Cyanide, total	0.198	0.0100	mg/L	0.200		99.2	76.2-107				
Duplicate (BH01173-DUP1)											*Source sample: 20H0643-04 (1611200813-04) Prepared & Analyzed: 08/20/2020
Cyanide, total	ND	0.0100	mg/L		ND						15
Matrix Spike (BH01173-MS1)											*Source sample: 20H0643-04 (1611200813-04) Prepared & Analyzed: 08/20/2020
Cyanide, total	0.117	0.0100	mg/L	0.200	ND	58.4	79-105	Low Bias			



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20H0643-01	1611200813-01	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H0643-02	1611200813-02	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H0643-03	1611200813-03	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H0643-04	1611200813-04	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H0643-05	1611200813-05	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H0643-06	1611200813-06	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H0643-07	1611200813-07	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H0643-08	1611200813-08	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H0643-09	1611200813-09	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H0643-10	1611200813-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H0643-11	1611200813-11	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

VSAMP	The sample vials provided were consumed during analysis and no remaining sample was available for reanalysis.
S-08	The recovery of this surrogate was outside of QC limits.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-MBLk	Analyte was detected in the batch method blank above the Reporting Limit.
M-CRL	The RL check for this element recovered outside of control limits.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
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.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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



Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: The data package has been revised to correct reporting limits.



Laboratory Chain-of-Custody Record

York Project (SDG) No.: 20H0643

Samples Received: 08/18/2020 14:58 By: Terri Gale Logged In: 08/18/2020 9:52 By: Tom Gabrielson

- Sample Conditions:**
- Custody Seals
 - Containers Intact
 - COC/Labels Agree
 - Preservation Confirmed
 - Cooler Temperature Confirmed
 - COC Complete
 - Chain of Custody Form Received
 - Appropriate Sample Volumes Received
 - Appropriate Sample Containers Submitted
 - Samples Submitted within Holding Times
 - Corrective Action Form Required

Preparation Chain-of-Custody

Sample ID	Reason Prep	Prep Start Date	Prep End Date	Prep Analyst
20H0643-03	Analysis Preparation	08/20/2020 14:24	08/20/2020 14:24	Margaret A. Ottersen
20H0643-04	Analysis Preparation	08/20/2020 14:24	08/20/2020 14:24	Margaret A. Ottersen
20H0643-05	Analysis Preparation	08/19/2020 14:17	08/19/2020 14:17	Margaret A. Ottersen
20H0643-02	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-02	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-02	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-02	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-02	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-02	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-03	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-03	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-03	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-03	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-03	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-04	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-04	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-04	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-04	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-04	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-06	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-06	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-06	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-06	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-06	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-06	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-07	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-07	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-07	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-07	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-07	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu



Preparation Chain-of-Custody

Sample ID	Reason Prep	Prep Start Date	Prep End Date	Prep Analyst
20H0643-08	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-08	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-08	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-08	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-08	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-09	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-09	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0643-09	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-09	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0643-09	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-09	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-09	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0643-09	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0643-09	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-09	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0643-10	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-10	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-10	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-10	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-10	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0643-01	EPA 5030B	08/25/2020 9:30	08/25/2020 9:30	Avery Hook
20H0643-02	EPA 5030B	08/25/2020 9:30	08/25/2020 9:30	Avery Hook
20H0643-03	EPA 5030B	08/25/2020 9:30	08/25/2020 9:30	Avery Hook
20H0643-04	EPA 5030B	08/25/2020 9:30	08/25/2020 9:30	Avery Hook
20H0643-05	EPA 5030B	08/25/2020 9:30	08/25/2020 9:30	Avery Hook
20H0643-06	EPA 5030B	08/25/2020 9:30	08/25/2020 9:30	Avery Hook
20H0643-07	EPA 5030B	08/25/2020 9:30	08/25/2020 9:30	Avery Hook
20H0643-08	EPA 5030B	08/25/2020 9:30	08/25/2020 9:30	Avery Hook
20H0643-09	EPA 5030B	08/25/2020 9:30	08/25/2020 9:30	Avery Hook
20H0643-10	EPA 5030B	08/25/2020 9:30	08/25/2020 9:30	Avery Hook
20H0643-11	EPA 5030B	08/25/2020 9:30	08/25/2020 9:30	Avery Hook
20H0643-02	EPA 7473 water	08/18/2020 17:27	08/18/2020 17:27	Sarah Yu
20H0643-03	EPA 7473 water	08/18/2020 17:27	08/18/2020 17:27	Sarah Yu
20H0643-04	EPA 7473 water	08/18/2020 17:27	08/18/2020 17:27	Sarah Yu
20H0643-06	EPA 7473 water	08/18/2020 17:27	08/18/2020 17:27	Sarah Yu
20H0643-07	EPA 7473 water	08/18/2020 17:27	08/18/2020 17:27	Sarah Yu
20H0643-08	EPA 7473 water	08/18/2020 17:27	08/18/2020 17:27	Sarah Yu
20H0643-09	EPA 7473 water	08/20/2020 10:49	08/20/2020 10:49	Sarah Yu
20H0643-09	EPA 7473 water	08/18/2020 17:27	08/18/2020 17:27	Sarah Yu
20H0643-10	EPA 7473 water	08/18/2020 17:27	08/18/2020 17:27	Sarah Yu



Analysis Chain-of-Custody

Sample ID	Reason Analysis	Analysis Start Date	Analysis End Date	Analyst
20H0643-02	Chromium by EPA 6010	08/19/2020 14:02	08/21/2020 14:06	Brian M. Loftus
20H0643-03	Chromium by EPA 6010	08/19/2020 14:02	08/21/2020 14:09	Brian M. Loftus
20H0643-04	Chromium by EPA 6010	08/19/2020 14:02	08/21/2020 14:18	Brian M. Loftus
20H0643-06	Chromium by EPA 6010	08/19/2020 14:02	08/21/2020 14:21	Brian M. Loftus
20H0643-07	Chromium by EPA 6010	08/19/2020 14:02	08/21/2020 14:23	Brian M. Loftus
20H0643-08	Chromium by EPA 6010	08/19/2020 14:02	08/21/2020 14:26	Brian M. Loftus
20H0643-09	Chromium by EPA 6010	08/19/2020 14:02	08/21/2020 14:29	Brian M. Loftus
20H0643-10	Chromium by EPA 6010	08/19/2020 14:02	08/21/2020 14:32	Brian M. Loftus
20H0643-09	Chromium, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:23	Kristin M. Lopez
20H0643-02	Copper by EPA 6010	08/19/2020 14:02	08/21/2020 14:06	Brian M. Loftus
20H0643-03	Copper by EPA 6010	08/19/2020 14:02	08/21/2020 14:09	Brian M. Loftus
20H0643-04	Copper by EPA 6010	08/19/2020 14:02	08/21/2020 14:18	Brian M. Loftus
20H0643-06	Copper by EPA 6010	08/19/2020 14:02	08/21/2020 14:21	Brian M. Loftus
20H0643-07	Copper by EPA 6010	08/19/2020 14:02	08/21/2020 14:23	Brian M. Loftus
20H0643-08	Copper by EPA 6010	08/19/2020 14:02	08/21/2020 14:26	Brian M. Loftus
20H0643-09	Copper by EPA 6010	08/19/2020 14:02	08/21/2020 14:29	Brian M. Loftus
20H0643-10	Copper by EPA 6010	08/19/2020 14:02	08/21/2020 14:32	Brian M. Loftus
20H0643-09	Copper, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:23	Kristin M. Lopez
20H0643-03	Cyanide, Total	08/20/2020 14:24	08/20/2020 19:40	Margaret A. Ottersen
20H0643-04	Cyanide, Total	08/20/2020 14:24	08/20/2020 19:40	Margaret A. Ottersen
20H0643-05	Cyanide, Total	08/19/2020 14:17	08/19/2020 20:25	Margaret A. Ottersen
20H0643-02	Lead by EPA 6010	08/19/2020 14:02	08/21/2020 14:06	Brian M. Loftus
20H0643-03	Lead by EPA 6010	08/19/2020 14:02	08/21/2020 14:09	Brian M. Loftus
20H0643-04	Lead by EPA 6010	08/19/2020 14:02	08/21/2020 14:18	Brian M. Loftus
20H0643-06	Lead by EPA 6010	08/19/2020 14:02	08/21/2020 14:21	Brian M. Loftus
20H0643-07	Lead by EPA 6010	08/19/2020 14:02	08/21/2020 14:23	Brian M. Loftus
20H0643-08	Lead by EPA 6010	08/19/2020 14:02	08/21/2020 14:26	Brian M. Loftus
20H0643-09	Lead by EPA 6010	08/19/2020 14:02	08/21/2020 14:29	Brian M. Loftus
20H0643-10	Lead by EPA 6010	08/19/2020 14:02	08/21/2020 14:32	Brian M. Loftus
20H0643-09	Lead, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:23	Kristin M. Lopez
20H0643-02	Mercury by 7473	08/18/2020 17:27	08/18/2020 22:43	Margaret A. Ottersen
20H0643-03	Mercury by 7473	08/18/2020 17:27	08/19/2020 10:00	Sarah Yu
20H0643-04	Mercury by 7473	08/18/2020 17:27	08/18/2020 23:24	Margaret A. Ottersen
20H0643-06	Mercury by 7473	08/18/2020 17:27	08/18/2020 23:34	Margaret A. Ottersen
20H0643-07	Mercury by 7473	08/18/2020 17:27	08/18/2020 23:45	Margaret A. Ottersen
20H0643-08	Mercury by 7473	08/18/2020 17:27	08/18/2020 23:55	Margaret A. Ottersen
20H0643-09	Mercury by 7473	08/18/2020 17:27	08/19/2020 0:06	Margaret A. Ottersen
20H0643-10	Mercury by 7473	08/18/2020 17:27	08/19/2020 0:16	Margaret A. Ottersen
20H0643-09	Mercury by 7473, Dissolved	08/20/2020 10:49	08/20/2020 18:29	Margaret A. Ottersen
20H0643-02	Nickel by EPA 6010	08/19/2020 14:02	08/21/2020 14:06	Brian M. Loftus
20H0643-03	Nickel by EPA 6010	08/19/2020 14:02	08/21/2020 14:09	Brian M. Loftus
20H0643-04	Nickel by EPA 6010	08/19/2020 14:02	08/21/2020 14:18	Brian M. Loftus



Analysis Chain-of-Custody

Sample ID	Reason Analysis	Analysis Start Date	Analysis End Date	Analyst
20H0643-06	Nickel by EPA 6010	08/19/2020 14:02	08/21/2020 14:21	Brian M. Loftus
20H0643-07	Nickel by EPA 6010	08/19/2020 14:02	08/21/2020 14:23	Brian M. Loftus
20H0643-08	Nickel by EPA 6010	08/19/2020 14:02	08/21/2020 14:26	Brian M. Loftus
20H0643-09	Nickel by EPA 6010	08/19/2020 14:02	08/21/2020 14:29	Brian M. Loftus
20H0643-10	Nickel by EPA 6010	08/19/2020 14:02	08/21/2020 14:32	Brian M. Loftus
20H0643-09	Nickel, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:23	Kristin M. Lopez
20H0643-02	Silver by EPA 6010	08/19/2020 14:02	08/21/2020 14:06	Brian M. Loftus
20H0643-03	Silver by EPA 6010	08/19/2020 14:02	08/21/2020 14:09	Brian M. Loftus
20H0643-04	Silver by EPA 6010	08/19/2020 14:02	08/21/2020 14:18	Brian M. Loftus
20H0643-06	Silver by EPA 6010	08/19/2020 14:02	08/21/2020 14:21	Brian M. Loftus
20H0643-07	Silver by EPA 6010	08/19/2020 14:02	08/21/2020 14:23	Brian M. Loftus
20H0643-08	Silver by EPA 6010	08/19/2020 14:02	08/21/2020 14:26	Brian M. Loftus
20H0643-09	Silver by EPA 6010	08/19/2020 14:02	08/21/2020 14:29	Brian M. Loftus
20H0643-10	Silver by EPA 6010	08/19/2020 14:02	08/21/2020 14:32	Brian M. Loftus
20H0643-09	Silver, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:23	Kristin M. Lopez
20H0643-01	Volatile Organics, TCL (Target Comp	08/25/2020 9:30	08/25/2020 13:24	Steve Swift
20H0643-02	Volatile Organics, TCL (Target Comp	08/25/2020 9:30	08/25/2020 13:50	Steve Swift
20H0643-03	Volatile Organics, TCL (Target Comp	08/25/2020 9:30	08/25/2020 14:17	Steve Swift
20H0643-04	Volatile Organics, TCL (Target Comp	08/25/2020 9:30	08/25/2020 14:44	Steve Swift
20H0643-05	Volatile Organics, TCL (Target Comp	08/25/2020 9:30	08/25/2020 15:11	Steve Swift
20H0643-06	Volatile Organics, TCL (Target Comp	08/25/2020 9:30	08/25/2020 15:37	Steve Swift
20H0643-07	Volatile Organics, TCL (Target Comp	08/25/2020 9:30	08/25/2020 16:04	Steve Swift
20H0643-08	Volatile Organics, TCL (Target Comp	08/25/2020 9:30	08/25/2020 16:31	Steve Swift
20H0643-09	Volatile Organics, TCL (Target Comp	08/25/2020 9:30	08/25/2020 16:58	Steve Swift
20H0643-10	Volatile Organics, TCL (Target Comp	08/25/2020 9:30	08/25/2020 17:25	Steve Swift
20H0643-11	Volatile Organics, TCL (Target Comp	08/25/2020 9:30	08/25/2020 17:51	Steve Swift



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- 56 Quarry Road, Trumbull, CT 06611
- 317 Iron Horse Way, Suite 204, Providence, RI 02908
- 1550 Main Street, Suite 400, Springfield, MA 01103
- 108 Myrtle Street, Suite 502, Quincy, MA 02171

- 540 North Commercial Street, Manchester, NH 03101
- 276 Newport Road, New London, NH 03257
- 205 Billings Farm Road, Suite 6B, White River Junction, VT 05001
- 5 Fletcher Street, Suite 1, Kennebunk, ME 04043
- 23046 Avenida de la Carlota, Suite 600, Laguna Hills, CA 92653

20100643

CHAIN-OF-CUSTODY RECORD

42858

Turnaround

- 24-Hour* 72-Hour* Other _____ (days)
- 48-Hour* Standard (____ days) *Surcharge Applies

PROJECT NAME: **Former Hubson Wire Mill**

PROJECT LOCATION: **OS Spring, NY**

PROJECT NUMBER: **20040181.B3N**

LABORATORY: **York**

REPORT TO: **Greg Toothill (Fro)**

Analysis Request

INVOICE TO: **Same**

P.O. NO.: **20040181.B3N**

Sampler's Signature: **[Signature]** Date: **8/13/2020**

Source Codes: MW=Monitoring Well PW=Potable Water T=Treatment Facility S=Soil B=Sediment
SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete

X=Other: **Trip Blank**

Containers	Soil VOA Vial	Soil VOA Vial, methanol	Glass Soil Container	Glass VOA Vial	Water VOA Vial	Glass Amber	Plastic - As is	Plastic - H ₂ SO ₄	Plastic - HNO ₃	Plastic - NaOH	Comments	
	<input type="checkbox"/> 250 ml	<input type="checkbox"/> 500 ml	<input type="checkbox"/> 250 ml	<input type="checkbox"/> 250 ml	<input type="checkbox"/> 500 ml	<input type="checkbox"/> 1000 ml	<input type="checkbox"/> As is	<input type="checkbox"/> H ₂ SO ₄	<input type="checkbox"/> 250 ml	<input type="checkbox"/> 500 ml	<input type="checkbox"/> 1000 ml	Trip Blank
	<input type="checkbox"/> 0.45g	<input type="checkbox"/> 10g	<input type="checkbox"/> HCl	<input type="checkbox"/> Other	<input type="checkbox"/> Other	<input type="checkbox"/> Other	<input type="checkbox"/> Other	<input type="checkbox"/> Other	<input type="checkbox"/> Other	<input type="checkbox"/> Other	<input type="checkbox"/> Other	

TCL VOCs

Item No.	Transfer Check	Sample Number	Source Code	Date Sampled	Time Sampled
1	<input checked="" type="checkbox"/>	1612008B-11	X	8/13/20	1600
2	<input type="checkbox"/>				
3	<input type="checkbox"/>				
4	<input type="checkbox"/>				

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[Signature]	Fro fridge	8/13/20	1901
2	Fro fridge	M. Wade	8/18/20	0940
3	M. Wade	[Signature]	8-18-20	9:00
4	[Signature]	7gab 2.7c	8-18-20	1458

Charge Exceptions: CT Tax Exempt QA/QC Other _____
 Duplicates Blanks (Item Nos: _____)

Reporting and Detection Limit Requirements: CRCP Deliverables MCP CAM Cert.

Additional Comments: **NYS DECTO65 1.1. GA Groundwater**
Trip Blank associated w/chain #12859

York Analytical Laboratories, Inc.

ASP A Deliverable

SDG: 20H0643

CLASS: VOA

METHOD: EPA 8260C

DATA PACKAGE COVER PAGE

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.

SDG: 20H0643

Client: Fuss & O'Neill, Inc.

Project: 20040181.B3N Former Hudson Wire Mill

Client Sample Id:

1611200813-01
1611200813-02
1611200813-03
1611200813-03
1611200813-04
1611200813-05
1611200813-06
1611200813-07
1611200813-08
1611200813-09
1611200813-10
1611200813-11

Lab Sample Id:

20H0643-01
20H0643-02
20H0643-03
20H0643-03RE1
20H0643-04
20H0643-05
20H0643-06
20H0643-07
20H0643-08
20H0643-09
20H0643-10
20H0643-11

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature:



Name:

Benjamin Gulizia

Date:

9/16/2020

Title:

Laboratory Director

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0643
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0643-01 File ID: V10C001526.D
 Sampled: 08/13/20 10:35 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 13:24
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01387 Sequence: Y0H2527 Calibration: YF00024 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	1.6	
75-35-4	1,1-Dichloroethylene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	3.0	
67-64-1	Acetone	1	7.1	
71-43-2	Benzene	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.65	
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.37	J
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.27	J
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0643
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0643-01 File ID: V10C001526.D
 Sampled: 08/13/20 10:35 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 13:24
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01387 Sequence: Y0H2527 Calibration: YF00024 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.57	
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.96	
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.55	
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	12.0	120	69 - 130	
SURR: Toluene-d8	10.0	10.6	106	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.45	94.5	79 - 122	

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0643
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0643-02 File ID: V10C001527.D
 Sampled: 08/13/20 10:59 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 13:50
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01387 Sequence: Y0H2527 Calibration: YF00024 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	2.4	
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0643
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0643-02 File ID: V10C001527.D
 Sampled: 08/13/20 10:59 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 13:50
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01387 Sequence: Y0H2527 Calibration: YF00024 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	1.6	
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	4.0	
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.7	117	69 - 130	
SURR: Toluene-d8	10.0	10.6	106	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.54	95.4	79 - 122	

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0643
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0643-03 File ID: V10C001528.D
 Sampled: 08/13/20 11:30 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 14:17
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01387 Sequence: Y0H2527 Calibration: YF00024 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.25	J
75-35-4	1,1-Dichloroethylene	1	0.43	J
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	1200	E
71-43-2	Benzene	1	0.72	
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	3.5	
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	5.8	
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	3.8	
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0643
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0643-03 File ID: V10C001528.D
 Sampled: 08/13/20 11:30 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 14:17
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01387 Sequence: Y0H2527 Calibration: YF00024 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	66	
108-88-3	Toluene	1	0.59	
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	31	
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.2	112	69 - 130	
SURR: Toluene-d8	10.0	10.7	107	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.31	93.1	79 - 122	

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0643
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0643-04 File ID: V10C001529.D
 Sampled: 08/13/20 11:48 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 14:44
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01387 Sequence: Y0H2527 Calibration: YF00024 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0643
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0643-04 File ID: V10C001529.D
 Sampled: 08/13/20 11:48 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 14:44
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01387 Sequence: Y0H2527 Calibration: YF00024 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	1.1	
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.60	
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.8	118	69 - 130	
SURR: Toluene-d8	10.0	10.6	106	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.66	96.6	79 - 122	

* Values outside of QC limits

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0643
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0643-05 File ID: V10C001530.D
 Sampled: 08/13/20 12:32 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 15:11
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01387 Sequence: Y0H2527 Calibration: YF00024 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0643
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0643-05 File ID: V10C001530.D
 Sampled: 08/13/20 12:32 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 15:11
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01387 Sequence: Y0H2527 Calibration: YF00024 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	1.1	
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	12.2	122	69 - 130	
SURR: Toluene-d8	10.0	10.5	105	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.73	97.3	79 - 122	

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0643
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0643-06 File ID: V10C001531.D
 Sampled: 08/13/20 13:10 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 15:37
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01387 Sequence: Y0H2527 Calibration: YF00024 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.42	J
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0643
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0643-06 File ID: V10C001531.D
 Sampled: 08/13/20 13:10 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 15:37
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01387 Sequence: Y0H2527 Calibration: YF00024 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.56	
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.7	117	69 - 130	
SURR: Toluene-d8	10.0	10.6	106	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.51	95.1	79 - 122	

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0643
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0643-07 File ID: V10C001532.D
 Sampled: 08/13/20 13:37 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 16:04
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01387 Sequence: Y0H2527 Calibration: YF00024 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	2.8	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	2.9	
75-35-4	1,1-Dichloroethylene	1	0.30	J
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	80	
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0643
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0643-07 File ID: V10C001532.D
 Sampled: 08/13/20 13:37 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 16:04
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01387 Sequence: Y0H2527 Calibration: YF00024 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.85	
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	1.2	
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	2.4	
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	34	
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	12.0	120	69 - 130	
SURR: Toluene-d8	10.0	10.9	109	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.13	91.3	79 - 122	

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0643
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0643-08 File ID: V10C001533.D
 Sampled: 08/13/20 13:48 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 16:31
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01387 Sequence: Y0H2527 Calibration: YF00024 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.30	J
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	1.0	
75-35-4	1,1-Dichloroethylene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.55	
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	9.0	
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.31	J
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0643
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0643-08 File ID: V10C001533.D
 Sampled: 08/13/20 13:48 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 16:31
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01387 Sequence: Y0H2527 Calibration: YF00024 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	9.3	
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.32	J
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	7.9	
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.6	116	69 - 130	
SURR: Toluene-d8	10.0	10.4	104	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.80	98.0	79 - 122	

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0643
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0643-09 File ID: V10C001534.D
 Sampled: 08/13/20 14:25 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 16:58
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01387 Sequence: Y0H2527 Calibration: YF00024 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	2	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2	1.0	U
79-00-5	1,1,2-Trichloroethane	2	1.0	U
75-34-3	1,1-Dichloroethane	2	1.0	U
75-35-4	1,1-Dichloroethylene	2	1.0	U
120-82-1	1,2,4-Trichlorobenzene	2	1.0	U
95-63-6	1,2,4-Trimethylbenzene	2	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2	1.0	U
106-93-4	1,2-Dibromoethane	2	1.0	U
107-06-2	1,2-Dichloroethane	2	1.0	U
78-87-5	1,2-Dichloropropane	2	1.0	U
108-67-8	1,3,5-Trimethylbenzene	2	1.0	U
78-93-3	2-Butanone	2	1.0	U
591-78-6	2-Hexanone	2	1.0	U
108-10-1	4-Methyl-2-pentanone	2	1.0	U
67-64-1	Acetone	2	13	D
71-43-2	Benzene	2	1.0	U
75-27-4	Bromodichloromethane	2	1.0	U
75-25-2	Bromoform	2	1.0	U
74-83-9	Bromomethane	2	1.0	U
75-15-0	Carbon disulfide	2	1.0	U
56-23-5	Carbon tetrachloride	2	1.0	U
108-90-7	Chlorobenzene	2	1.0	U
75-00-3	Chloroethane	2	1.0	U
67-66-3	Chloroform	2	1.0	U
74-87-3	Chloromethane	2	1.0	U
156-59-2	cis-1,2-Dichloroethylene	2	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	2	1.0	U
124-48-1	Dibromochloromethane	2	1.0	U
75-71-8	Dichlorodifluoromethane	2	1.0	U
100-41-4	Ethyl Benzene	2	1.0	U
98-82-8	Isopropylbenzene	2	1.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	2	1.0	U
75-09-2	Methylene chloride	2	4.0	U
91-20-3	Naphthalene	2	4.0	U
104-51-8	n-Butylbenzene	2	1.0	U
103-65-1	n-Propylbenzene	2	1.0	U
95-47-6	o-Xylene	2	1.0	U
179601-23-1	p- & m- Xylenes	2	2.0	U

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0643
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0643-09 File ID: V10C001534.D
 Sampled: 08/13/20 14:25 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 16:58
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01387 Sequence: Y0H2527 Calibration: YF00024 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
135-98-8	sec-Butylbenzene	2	1.0	U
100-42-5	Styrene	2	1.0	U
98-06-6	tert-Butylbenzene	2	1.0	U
127-18-4	Tetrachloroethylene	2	1.0	U
108-88-3	Toluene	2	1.0	U
156-60-5	trans-1,2-Dichloroethylene	2	1.0	U
10061-02-6	trans-1,3-Dichloropropylene	2	1.0	U
79-01-6	Trichloroethylene	2	1.0	U
75-69-4	Trichlorofluoromethane	2	1.0	U
75-01-4	Vinyl Chloride	2	3.0	D
1330-20-7	Xylenes, Total	2	3.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.8	118	69 - 130	
SURR: Toluene-d8	10.0	10.4	104	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.48	94.8	79 - 122	

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0643
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0643-10 File ID: V10C001535.D
 Sampled: 08/13/20 15:40 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 17:25
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01387 Sequence: Y0H2527 Calibration: YF00024 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	5	2.5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	2.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	2.5	U
79-00-5	1,1,2-Trichloroethane	5	2.5	U
75-34-3	1,1-Dichloroethane	5	2.5	U
75-35-4	1,1-Dichloroethylene	5	2.5	U
120-82-1	1,2,4-Trichlorobenzene	5	2.5	U
95-63-6	1,2,4-Trimethylbenzene	5	2.5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	2.5	U
106-93-4	1,2-Dibromoethane	5	2.5	U
107-06-2	1,2-Dichloroethane	5	2.5	U
78-87-5	1,2-Dichloropropane	5	2.5	U
108-67-8	1,3,5-Trimethylbenzene	5	2.5	U
78-93-3	2-Butanone	5	2.5	U
591-78-6	2-Hexanone	5	2.5	U
108-10-1	4-Methyl-2-pentanone	5	2.5	U
67-64-1	Acetone	5	10	U
71-43-2	Benzene	5	2.5	U
75-27-4	Bromodichloromethane	5	2.5	U
75-25-2	Bromoform	5	2.5	U
74-83-9	Bromomethane	5	2.5	U
75-15-0	Carbon disulfide	5	2.5	U
56-23-5	Carbon tetrachloride	5	2.5	U
108-90-7	Chlorobenzene	5	2.5	U
75-00-3	Chloroethane	5	2.5	U
67-66-3	Chloroform	5	2.5	U
74-87-3	Chloromethane	5	2.5	U
156-59-2	cis-1,2-Dichloroethylene	5	2.5	U
10061-01-5	cis-1,3-Dichloropropylene	5	2.5	U
124-48-1	Dibromochloromethane	5	2.5	U
75-71-8	Dichlorodifluoromethane	5	2.5	U
100-41-4	Ethyl Benzene	5	2.5	U
98-82-8	Isopropylbenzene	5	2.5	U
1634-04-4	Methyl tert-butyl ether (MTBE)	5	2.5	U
75-09-2	Methylene chloride	5	10	U
91-20-3	Naphthalene	5	10	U
104-51-8	n-Butylbenzene	5	2.5	U
103-65-1	n-Propylbenzene	5	2.5	U
95-47-6	o-Xylene	5	2.5	U
179601-23-1	p- & m- Xylenes	5	5.0	U

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0643
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0643-10 File ID: V10C001535.D
 Sampled: 08/13/20 15:40 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 17:25
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01387 Sequence: Y0H2527 Calibration: YF00024 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
135-98-8	sec-Butylbenzene	5	2.5	U
100-42-5	Styrene	5	2.5	U
98-06-6	tert-Butylbenzene	5	2.5	U
127-18-4	Tetrachloroethylene	5	2.5	U
108-88-3	Toluene	5	2.5	U
156-60-5	trans-1,2-Dichloroethylene	5	2.5	U
10061-02-6	trans-1,3-Dichloropropylene	5	2.5	U
79-01-6	Trichloroethylene	5	2.5	U
75-69-4	Trichlorofluoromethane	5	2.5	U
75-01-4	Vinyl Chloride	5	2.5	U
1330-20-7	Xylenes, Total	5	7.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	12.3	123	69 - 130	
SURR: Toluene-d8	10.0	10.5	105	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.69	96.9	79 - 122	

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0643
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0643-11 File ID: V10C001536.D
 Sampled: 08/13/20 16:00 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 17:51
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01387 Sequence: Y0H2527 Calibration: YF00024 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0643
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0643-11 File ID: V10C001536.D
 Sampled: 08/13/20 16:00 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 17:51
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01387 Sequence: Y0H2527 Calibration: YF00024 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	12.1	121	69 - 130	
SURR: Toluene-d8	10.0	10.5	105	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.38	93.8	79 - 122	

* Values outside of QC limits

York Analytical Laboratories, Inc.

ASP A Deliverable

SDG: 20H0643

CLASS: METALS

METHOD: EPA 6010D

DATA PACKAGE COVER PAGE

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.

SDG: 20H0643

Client: Fuss & O'Neill, Inc.

Project: 20040181.B3N Former Hudson Wire Mill

Client Sample Id:

1611200813-02

1611200813-03

1611200813-04

1611200813-06

1611200813-07

1611200813-08

1611200813-09

1611200813-10

Lab Sample Id:

20H0643-02

20H0643-03

20H0643-04

20H0643-06

20H0643-07

20H0643-08

20H0643-09

20H0643-10

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature:



Name:

Benjamin Gulizia

Date:

9/16/2020

Title:

Laboratory Director

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0643Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0643-02File ID: qbi082120aRE 1-017Sampled: 08/13/20 10:59Prepared: 08/19/20 14:02Analyzed: 08/21/20 14:06Solids: 0.00Preparation: EPA 3015AInitial/Final: 45 mL / 50 mLBatch: BH01065Sequence: Y0H2107Calibration: UNASSIGNEDInstrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-47-3	Chromium	0.0111	1		EPA 6010D
7440-50-8	Copper	0.0621	1	B	EPA 6010D
7439-92-1	Lead	0.00647	1		EPA 6010D
7440-02-0	Nickel	0.0111	1	U	EPA 6010D
7440-22-4	Silver	0.0462	1		EPA 6010D

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0643Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0643-03File ID: qbi082120aRE_1-018Sampled: 08/13/20 11:30Prepared: 08/19/20 14:02Analyzed: 08/21/20 14:09Solids: 0.00Preparation: EPA 3015AInitial/Final: 45 mL / 50 mLBatch: BH01065Sequence: Y0H2107Calibration: UNASSIGNEDInstrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-47-3	Chromium	0.0801	1		EPA 6010D
7440-50-8	Copper	1.80	1	B	EPA 6010D
7439-92-1	Lead	0.0609	1		EPA 6010D
7440-02-0	Nickel	0.720	1		EPA 6010D
7440-22-4	Silver	1.11	1		EPA 6010D

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0643Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0643-04File ID: qbi082120aRE_1-021Sampled: 08/13/20 11:48Prepared: 08/19/20 14:02Analyzed: 08/21/20 14:18Solids: 0.00Preparation: EPA 3015AInitial/Final: 45 mL / 50 mLBatch: BH01065Sequence: Y0H2107Calibration: UNASSIGNEDInstrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-47-3	Chromium	0.0240	1		EPA 6010D
7440-50-8	Copper	0.0718	1	B	EPA 6010D
7439-92-1	Lead	0.0553	1		EPA 6010D
7440-02-0	Nickel	0.0114	1		EPA 6010D
7440-22-4	Silver	0.0130	1		EPA 6010D

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0643Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0643-06File ID: qbi082120aRE_1-022Sampled: 08/13/20 13:10Prepared: 08/19/20 14:02Analyzed: 08/21/20 14:21Solids: 0.00Preparation: EPA 3015AInitial/Final: 45 mL / 50 mLBatch: BH01065Sequence: Y0H2107Calibration: UNASSIGNEDInstrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-47-3	Chromium	0.0848	1		EPA 6010D
7440-50-8	Copper	0.317	1	B	EPA 6010D
7439-92-1	Lead	0.0749	1		EPA 6010D
7440-02-0	Nickel	0.0478	1		EPA 6010D
7440-22-4	Silver	0.00556	1	U	EPA 6010D

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0643Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0643-07File ID: qbi082120aRE_1-023Sampled: 08/13/20 13:37Prepared: 08/19/20 14:02Analyzed: 08/21/20 14:23Solids: 0.00Preparation: EPA 3015AInitial/Final: 45 mL / 50 mLBatch: BH01065Sequence: Y0H2107Calibration: UNASSIGNEDInstrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-47-3	Chromium	0.160	1		EPA 6010D
7440-50-8	Copper	0.284	1	B	EPA 6010D
7439-92-1	Lead	0.00804	1		EPA 6010D
7440-02-0	Nickel	0.0111	1	U	EPA 6010D
7440-22-4	Silver	0.0262	1		EPA 6010D

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0643Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0643-08File ID: qbi082120aRE_1-024Sampled: 08/13/20 13:48Prepared: 08/19/20 14:02Analyzed: 08/21/20 14:26Solids: 0.00Preparation: EPA 3015AInitial/Final: 45 mL / 50 mLBatch: BH01065Sequence: Y0H2107Calibration: UNASSIGNEDInstrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-47-3	Chromium	0.0217	1		EPA 6010D
7440-50-8	Copper	0.0662	1	B	EPA 6010D
7439-92-1	Lead	0.00556	1	U	EPA 6010D
7440-02-0	Nickel	0.0111	1	U	EPA 6010D
7440-22-4	Silver	0.00556	1	U	EPA 6010D

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0643Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0643-09File ID: qbi082120aRE_1-025Sampled: 08/13/20 14:25Prepared: 08/19/20 14:02Analyzed: 08/21/20 14:29Solids: 0.00Preparation: EPA 3015AInitial/Final: 45 mL / 50 mLBatch: BH01065Sequence: Y0H2107Calibration: UNASSIGNEDInstrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-47-3	Chromium	0.0179	1		EPA 6010D
7440-47-3	Chromium (dissolved)	0.00556	1	U	EPA 6010D
7440-50-8	Copper	0.0911	1	B	EPA 6010D
7440-50-8	Copper (dissolved)	0.0222	1	U	EPA 6010D
7439-92-1	Lead	0.00556	1	U	EPA 6010D
7439-92-1	Lead (dissolved)	0.00556	1	U	EPA 6010D
7440-02-0	Nickel	0.0111	1	U	EPA 6010D
7440-02-0	Nickel (dissolved)	0.0111	1	U	EPA 6010D
7440-22-4	Silver	0.00556	1	U	EPA 6010D
7440-22-4	Silver (dissolved)	0.00556	1	U	EPA 6010D

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0643Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0643-10File ID: qbi082120aRE_1-026Sampled: 08/13/20 15:40Prepared: 08/19/20 14:02Analyzed: 08/21/20 14:32Solids: 0.00Preparation: EPA 3015AInitial/Final: 45 mL / 50 mLBatch: BH01065Sequence: Y0H2107Calibration: UNASSIGNEDInstrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-47-3	Chromium	0.0663	1		EPA 6010D
7440-50-8	Copper	0.192	1	B	EPA 6010D
7439-92-1	Lead	0.492	1		EPA 6010D
7440-02-0	Nickel	0.0820	1		EPA 6010D
7440-22-4	Silver	0.00556	1	U	EPA 6010D

York Analytical Laboratories, Inc.

ASP A Deliverable

SDG: 20H0643

CLASS: HG

METHOD: EPA 7473

DATA PACKAGE COVER PAGE

EPA 7473

Laboratory: York Analytical Laboratories, Inc.

SDG: 20H0643

Client: Fuss & O'Neill, Inc.

Project: 20040181.B3N Former Hudson Wire Mill

Client Sample Id:

Lab Sample Id:

1611200813-02

20H0643-02

1611200813-03

20H0643-03

1611200813-04

20H0643-04

1611200813-06

20H0643-06

1611200813-07

20H0643-07

1611200813-08

20H0643-08

1611200813-09

20H0643-09

1611200813-10

20H0643-10

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature:



Name:

Benjamin Gulizia

Date:

9/16/2020

Title:

Laboratory Director

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0643Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0643-02File ID: QBHGDMA80-01 081820A-042Sampled: 08/13/20 10:59Prepared: 08/18/20 17:27Analyzed: 08/18/20 22:43Solids: 0.00Preparation: EPA 7473 waterInitial/Final: 0.25 mL / 0.25 mLBatch: BH01001Sequence: Y0H1918Calibration: UNASSIGNEDInstrument: DMA 80-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.00020	1	U	EPA 7473

EPA 7473

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0643Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0643-03File ID: QBHGDMA80-01 081920A-007Sampled: 08/13/20 11:30Prepared: 08/18/20 17:27Analyzed: 08/19/20 10:00Solids: 0.00Preparation: EPA 7473 waterInitial/Final: 0.25 mL / 0.25 mLBatch: BH01001Sequence: Y0H1919Calibration: UNASSIGNEDInstrument: DMA 80-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.00044	1		EPA 7473

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0643Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0643-04File ID: QBHGDMA80-01 081820A-044Sampled: 08/13/20 11:48Prepared: 08/18/20 17:27Analyzed: 08/18/20 23:24Solids: 0.00Preparation: EPA 7473 waterInitial/Final: 0.25 mL / 0.25 mLBatch: BH01001Sequence: Y0H1918Calibration: UNASSIGNEDInstrument: DMA 80-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.00020	1	U	EPA 7473

EPA 7473

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0643Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0643-06File ID: QBHGDMA80-01 081820A-045Sampled: 08/13/20 13:10Prepared: 08/18/20 17:27Analyzed: 08/18/20 23:34Solids: 0.00Preparation: EPA 7473 waterInitial/Final: 0.25 mL / 0.25 mLBatch: BH01001Sequence: Y0H1918Calibration: UNASSIGNEDInstrument: DMA 80-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.00020	1	U	EPA 7473

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0643Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0643-07File ID: QBHGDMA80-01 081820A-046Sampled: 08/13/20 13:37Prepared: 08/18/20 17:27Analyzed: 08/18/20 23:45Solids: 0.00Preparation: EPA 7473 waterInitial/Final: 0.25 mL / 0.25 mLBatch: BH01001Sequence: Y0H1918Calibration: UNASSIGNEDInstrument: DMA 80-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.00020	1	U	EPA 7473

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0643Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0643-08File ID: QBHGDMA80-01 081820A-047Sampled: 08/13/20 13:48Prepared: 08/18/20 17:27Analyzed: 08/18/20 23:55Solids: 0.00Preparation: EPA 7473 waterInitial/Final: 0.25 mL / 0.25 mLBatch: BH01001Sequence: Y0H1918Calibration: UNASSIGNEDInstrument: DMA 80-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.00020	1	U	EPA 7473

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0643Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0643-09File ID: QBHGDMA80-01 081820A-048Sampled: 08/13/20 14:25Prepared: 08/18/20 17:27Analyzed: 08/19/20 00:06Solids: 0.00Preparation: EPA 7473 waterInitial/Final: 0.25 mL / 0.25 mLBatch: BH01001Sequence: Y0H1918Calibration: UNASSIGNEDInstrument: DMA 80-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.00020	1	U	EPA 7473
7439-97-6	Mercury (dissolved)	0.0002000	1	U	EPA 7473

EPA 7473

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0643Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0643-10File ID: QBHGDMA80-01 081820A-049Sampled: 08/13/20 15:40Prepared: 08/18/20 17:27Analyzed: 08/19/20 00:16Solids: 0.00Preparation: EPA 7473 waterInitial/Final: 0.25 mL / 0.25 mLBatch: BH01001Sequence: Y0H1918Calibration: UNASSIGNEDInstrument: DMA 80-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.00020	1	U	EPA 7473

York Analytical Laboratories, Inc.

ASP A Deliverable

SDG: 20H0643

CLASS: WET

METHOD: SM 4500 CN C/E

DATA PACKAGE COVER PAGE

SM 4500 CN C/E

Laboratory: York Analytical Laboratories, Inc.

SDG: 20H0643

Client: Fuss & O'Neill, Inc.

Project: 20040181.B3N Former Hudson Wire Mill

Client Sample Id:

1611200813-03

1611200813-04

1611200813-05

Lab Sample Id:

20H0643-03

20H0643-04

20H0643-05

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature:



Name:

Benjamin Gulizia

Date:

9/16/2020

Title:

Laboratory Director

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0643Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0643-03

File ID:

Sampled: 08/13/20 11:30Prepared: 08/20/20 14:24Analyzed: 08/20/20 19:40Solids: 0.00Preparation: Analysis PreparationInitial/Final: 50 mL / 50 mLBatch: BH01173

Sequence:

Calibration:

Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	5.66	50	D	SM 4500 CN C/E

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0643Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0643-04

File ID:

Sampled: 08/13/20 11:48Prepared: 08/20/20 14:24Analyzed: 08/20/20 19:40Solids: 0.00Preparation: Analysis PreparationInitial/Final: 50 mL / 50 mLBatch: BH01173

Sequence:

Calibration:

Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.0100	1	U	SM 4500 CN C/E

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0643Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0643-05

File ID:

Sampled: 08/13/20 12:32Prepared: 08/19/20 14:17Analyzed: 08/19/20 20:25Solids: 0.00Preparation: Analysis PreparationInitial/Final: 50 mL / 50 mLBatch: BH01069

Sequence:

Calibration:

Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.0100	1	U	SM 4500 CN C/E

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Technical Report

prepared for:

Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull CT, 06611
Attention: Gregory Toothill

Report Date: 09/22/2020
Client Project ID: 20040181.B3N Former Hudson Wire Mill
York Project (SDG) No.: 20H0645

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull CT, 06611
Attention: Gregory Toothill

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 August 18, 2020 and listed below. The project was identified as your project: **20040181.B3N Former Hudson Wire Mill**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
20H0645-01	1611200814-01	Water	08/14/2020	08/18/2020
20H0645-02	1611200814-02	Water	08/14/2020	08/18/2020
20H0645-03	1611200814-03	Water	08/14/2020	08/18/2020
20H0645-04	1611200814-04	Water	08/14/2020	08/18/2020
20H0645-05	1611200814-05	Water	08/14/2020	08/18/2020
20H0645-06	1611200814-06	Water	08/14/2020	08/18/2020
20H0645-07	1611200814-07	Water	08/14/2020	08/18/2020

General Notes for York Project (SDG) No.: 20H0645

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 09/22/2020





Sample Information

Client Sample ID: 1611200814-01

York Sample ID: 20H0645-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0645

20040181.B3N Former Hudson Wire Mill

Water

August 14, 2020 9:31 am

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	0.27	J	ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	1.1		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	0.25	J	ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		



Sample Information

Client Sample ID: 1611200814-01

York Sample ID: 20H0645-01

York Project (SDG) No.
20H0645

Client Project ID
20040181.B3N Former Hudson Wire Mill

Matrix
Water

Collection Date/Time
August 14, 2020 9:31 am

Date Received
08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
67-66-3	Chloroform	1.1		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
156-59-2	cis-1,2-Dichloroethylene	2.2		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
127-18-4	Tetrachloroethylene	20		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO



Sample Information

Client Sample ID: 1611200814-01

York Sample ID: 20H0645-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0645

20040181.B3N Former Hudson Wire Mill

Water

August 14, 2020 9:31 am

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	12		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP											
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP											
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP											
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:01	CLO
Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP											
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	91.4 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	98.7 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	107 %	79-122								

Chromium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
7440-47-3	Chromium	0.0387		mg/L	0.00556	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:34	BML	
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Chromium, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
7440-47-3	Chromium	0.0246		mg/L	0.00556	1	EPA 6010D	08/25/2020 13:50	08/25/2020 15:26	KML	
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
7440-50-8	Copper	0.0384	B	mg/L	0.0222	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:34	BML	
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Copper, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	08/25/2020 13:50	08/25/2020 15:26	KML	
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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

Client Sample ID: 1611200814-01

York Sample ID: 20H0645-01

York Project (SDG) No.

Client Project ID

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20H0645

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Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	0.0417		mg/L	0.00556	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:34	BML
					Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP					

Lead, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	08/25/2020 13:50	08/25/2020 15:26	KML
					Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP					

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:34	BML
					Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP					

Nickel, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	08/25/2020 13:50	08/25/2020 15:26	KML
					Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP					

Silver by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	0.0221		mg/L	0.00556	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:34	BML
					Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP					

Silver, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	08/25/2020 13:50	08/25/2020 15:26	KML
					Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP					

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	08/18/2020 17:27	08/18/2020 20:17	MAO
					Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP					



Sample Information

Client Sample ID: 1611200814-01

York Sample ID: 20H0645-01

York Project (SDG) No.

Client Project ID

Matrix

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20H0645

20040181.B3N Former Hudson Wire Mill

Water

August 14, 2020 9:31 am

08/18/2020

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7473	08/20/2020 10:49	08/20/2020 18:50	MAO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 1611200814-02

York Sample ID: 20H0645-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0645

20040181.B3N Former Hudson Wire Mill

Water

August 14, 2020 10:03 am

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			



Sample Information

Client Sample ID: 1611200814-02

York Sample ID: 20H0645-02

York Project (SDG) No.
20H0645

Client Project ID
20040181.B3N Former Hudson Wire Mill

Matrix
Water

Collection Date/Time
August 14, 2020 10:03 am

Date Received
08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
156-59-2	cis-1,2-Dichloroethylene	1.2		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO



Sample Information

Client Sample ID: 1611200814-02

York Sample ID: 20H0645-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0645

20040181.B3N Former Hudson Wire Mill

Water

August 14, 2020 10:03 am

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
127-18-4	Tetrachloroethylene	0.48	J	ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-01-6	Trichloroethylene	0.42	J	ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:30	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	92.5 %
2037-26-5	Surrogate: SURR: Toluene-d8	98.4 %
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	110 %

Chromium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:37	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Chromium, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	08/25/2020 13:50	08/25/2020 15:29	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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

Client Sample ID: 1611200814-02

York Sample ID: 20H0645-02

<u>York Project (SDG) No.</u> 20H0645	<u>Client Project ID</u> 20040181.B3N Former Hudson Wire Mill	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 14, 2020 10:03 am	<u>Date Received</u> 08/18/2020
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Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:37	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Copper, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	08/25/2020 13:50	08/25/2020 15:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:37	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Lead, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	08/25/2020 13:50	08/25/2020 15:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:37	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	08/25/2020 13:50	08/25/2020 15:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Silver by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:37	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Silver, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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

Client Sample ID: 1611200814-02

York Sample ID: 20H0645-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0645

20040181.B3N Former Hudson Wire Mill

Water

August 14, 2020 10:03 am

08/18/2020

Silver, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7440-22-4 Silver ND mg/L 0.00556 1 EPA 6010D 08/25/2020 13:50 08/25/2020 15:29 KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury ND mg/L 0.00020 1 EPA 7473 08/18/2020 17:27 08/18/2020 21:07 MAO

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury ND mg/L 0.0002000 1 EPA 7473 08/20/2020 10:49 08/20/2020 19:01 MAO

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 57-12-5 Cyanide, total ND mg/L 0.0100 1 SM 4500 CN C/E 08/19/2020 14:17 08/19/2020 20:25 MAO

Sample Information

Client Sample ID: 1611200814-03

York Sample ID: 20H0645-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0645

20040181.B3N Former Hudson Wire Mill

Water

August 14, 2020 10:42 am

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), 1,1,2-Trichloroethane.



Sample Information

Client Sample ID: 1611200814-03

York Sample ID: 20H0645-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0645

20040181.B3N Former Hudson Wire Mill

Water

August 14, 2020 10:42 am

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
							Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
67-66-3	Chloroform	0.23	J	ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
156-59-2	cis-1,2-Dichloroethylene	0.78		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				



Sample Information

Client Sample ID: 1611200814-03

York Sample ID: 20H0645-03

York Project (SDG) No.
20H0645

Client Project ID
20040181.B3N Former Hudson Wire Mill

Matrix
Water

Collection Date/Time
August 14, 2020 10:42 am

Date Received
08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
127-18-4	Tetrachloroethylene	0.93		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
79-01-6	Trichloroethylene	0.62		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	08/25/2020 09:30	08/25/2020 18:58	CLO

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: 1611200814-03

York Sample ID: 20H0645-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0645

20040181.B3N Former Hudson Wire Mill

Water

August 14, 2020 10:42 am

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	91.9 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	99.2 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %			79-122						

Chromium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:41	BML	
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP			

Chromium, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	08/25/2020 13:50	08/25/2020 15:32	KML	
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP			

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:41	BML	
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP			

Copper, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	08/25/2020 13:50	08/25/2020 15:32	KML	
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP			

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:41	BML	
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP			

Lead, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	08/25/2020 13:50	08/25/2020 15:32	KML	
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP			



Sample Information

Client Sample ID: 1611200814-03

York Sample ID: 20H0645-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0645

20040181.B3N Former Hudson Wire Mill

Water

August 14, 2020 10:42 am

08/18/2020

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/19/2020 14:02	08/21/2020 14:41	BML

Nickel, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/25/2020 13:50	08/25/2020 15:32	KML

Silver by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/19/2020 14:02	08/21/2020 14:41	BML

Silver, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/25/2020 13:50	08/25/2020 15:32	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2020 17:27	08/18/2020 21:16	MAO

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2020 10:49	08/20/2020 19:11	MAO

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/19/2020 14:17	08/19/2020 20:25	MAO



Sample Information

Client Sample ID: 1611200814-04

York Sample ID: 20H0645-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0645

20040181.B3N Former Hudson Wire Mill

Water

August 14, 2020 10:58 am

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	1.9		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	0.42	J	ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			



Sample Information

Client Sample ID: 1611200814-04

York Sample ID: 20H0645-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0645

20040181.B3N Former Hudson Wire Mill

Water

August 14, 2020 10:58 am

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	5.6		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	6.8		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	0.30	J	ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		



Sample Information

Client Sample ID: 1611200814-04

York Sample ID: 20H0645-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0645

20040181.B3N Former Hudson Wire Mill

Water

August 14, 2020 10:58 am

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	7.5		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	1.7		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:27	CLO
									Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	92.9 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	101 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	102 %			79-122						

Chromium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	0.0662		mg/L	0.00556	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:44	BML
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.0591	B	mg/L	0.0222	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:44	BML
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	0.0313		mg/L	0.00556	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:44	BML
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	0.0447		mg/L	0.0111	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:44	BML
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	

Silver by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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

Client Sample ID: 1611200814-04

York Sample ID: 20H0645-04

York Project (SDG) No.
20H0645

Client Project ID
20040181.B3N Former Hudson Wire Mill

Matrix
Water

Collection Date/Time
August 14, 2020 10:58 am

Date Received
08/18/2020

Silver by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	08/18/2020 17:27	08/18/2020 21:26	MAO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 1611200814-05

York Sample ID: 20H0645-05

York Project (SDG) No.
20H0645

Client Project ID
20040181.B3N Former Hudson Wire Mill

Matrix
Water

Collection Date/Time
August 14, 2020 11:52 am

Date Received
08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			



Sample Information

Client Sample ID: 1611200814-05

York Sample ID: 20H0645-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0645

20040181.B3N Former Hudson Wire Mill

Water

August 14, 2020 11:52 am

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
156-59-2	cis-1,2-Dichloroethylene	0.70		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 19:56	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			



Sample Information

Client Sample ID: 1611200814-05

York Sample ID: 20H0645-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0645

20040181.B3N Former Hudson Wire Mill

Water

August 14, 2020 11:52 am

08/18/2020

Volatile Organics, TCL (Target Compound List)

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
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 19:56	CLO
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 19:56	CLO
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 19:56	CLO
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/25/2020 09:30	08/25/2020 19:56	CLO
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/25/2020 09:30	08/25/2020 19:56	CLO
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 19:56	CLO
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 19:56	CLO
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 19:56	CLO
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 19:56	CLO
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 19:56	CLO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 19:56	CLO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 19:56	CLO
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 19:56	CLO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 19:56	CLO
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 19:56	CLO
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/25/2020 09:30	08/25/2020 19:56	CLO

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	93.3 %	69-130
2037-26-5	Surrogate: SURRE: Toluene-d8	102 %	81-117
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	103 %	79-122

Chromium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	0.0547		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/19/2020 14:02	08/21/2020 14:52	BML



Sample Information

Client Sample ID: 1611200814-05

York Sample ID: 20H0645-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0645

20040181.B3N Former Hudson Wire Mill

Water

August 14, 2020 11:52 am

08/18/2020

Chromium, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOO, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7440-47-3 Chromium, ND, mg/L, 0.00556, 1, EPA 6010D, 08/25/2020 13:50, 08/25/2020 15:35, KML.

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOO, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7440-50-8 Copper, 0.234, B, mg/L, 0.0222, 1, EPA 6010D, 08/19/2020 14:02, 08/21/2020 14:52, BML.

Copper, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOO, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7440-50-8 Copper, ND, mg/L, 0.0222, 1, EPA 6010D, 08/25/2020 13:50, 08/25/2020 15:35, KML.

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOO, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-92-1 Lead, 1.12, mg/L, 0.00556, 1, EPA 6010D, 08/19/2020 14:02, 08/21/2020 14:52, BML.

Lead, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOO, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-92-1 Lead, ND, mg/L, 0.00556, 1, EPA 6010D, 08/25/2020 13:50, 08/25/2020 15:35, KML.

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOO, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7440-02-0 Nickel, 0.0220, mg/L, 0.0111, 1, EPA 6010D, 08/19/2020 14:02, 08/21/2020 14:52, BML.

Nickel, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOO, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7440-02-0 Nickel, ND, mg/L, 0.0111, 1, EPA 6010D, 08/25/2020 13:50, 08/25/2020 15:35, KML.

Silver by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOO, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst.



Sample Information

Client Sample ID: 1611200814-05

York Sample ID: 20H0645-05

York Project (SDG) No. 20H0645 Client Project ID 20040181.B3N Former Hudson Wire Mill Matrix Water Collection Date/Time August 14, 2020 11:52 am Date Received 08/18/2020

Silver by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7440-22-4 Silver 0.00565 mg/L 0.00556 1 EPA 6010D 08/19/2020 14:02 08/21/2020 14:52 BML

Silver, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7440-22-4 Silver ND mg/L 0.00556 1 EPA 6010D 08/25/2020 13:50 08/25/2020 15:35 KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury ND mg/L 0.00020 1 EPA 7473 08/18/2020 17:27 08/18/2020 21:36 MAO

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury ND mg/L 0.0002000 1 EPA 7473 08/20/2020 10:49 08/20/2020 19:21 MAO

Sample Information

Client Sample ID: 1611200814-06

York Sample ID: 20H0645-06

York Project (SDG) No. 20H0645 Client Project ID 20040181.B3N Former Hudson Wire Mill Matrix Water Collection Date/Time August 14, 2020 9:33 am Date Received 08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,1,1-Trichloroethane (0.31 ug/L), 1,1,2,2-Tetrachloroethane (ND), 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) (ND), and 1,1,2-Trichloroethane (ND).



Sample Information

Client Sample ID: 1611200814-06

York Sample ID: 20H0645-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0645

20040181.B3N Former Hudson Wire Mill

Water

August 14, 2020 9:33 am

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	1.2		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
75-35-4	1,1-Dichloroethylene	0.31	J	ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
67-66-3	Chloroform	1.2		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
156-59-2	cis-1,2-Dichloroethylene	2.3		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO



Sample Information

Client Sample ID: 1611200814-06

York Sample ID: 20H0645-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0645

20040181.B3N Former Hudson Wire Mill

Water

August 14, 2020 9:33 am

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
127-18-4	Tetrachloroethylene	24		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
79-01-6	Trichloroethylene	14		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:25	CLO

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: 1611200814-06

York Sample ID: 20H0645-06

York Project (SDG) No.
20H0645

Client Project ID
20040181.B3N Former Hudson Wire Mill

Matrix
Water

Collection Date/Time
August 14, 2020 9:33 am

Date Received
08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	95.5 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	97.9 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	110 %			79-122						

Chromium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	0.0321		mg/L	0.00556	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:55	BML
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP										

Chromium, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	0.0269		mg/L	0.00556	1	EPA 6010D	08/25/2020 13:50	08/25/2020 15:38	KML
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP										

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:55	BML
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP										

Copper, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	08/25/2020 13:50	08/25/2020 15:38	KML
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP										

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:55	BML
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP										

Lead, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	08/25/2020 13:50	08/25/2020 15:38	KML
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP										



Sample Information

Client Sample ID: 1611200814-06

York Sample ID: 20H0645-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0645

20040181.B3N Former Hudson Wire Mill

Water

August 14, 2020 9:33 am

08/18/2020

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:55	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	08/25/2020 13:50	08/25/2020 15:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Silver by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	0.0137		mg/L	0.00556	1	EPA 6010D	08/19/2020 14:02	08/21/2020 14:55	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Silver, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	08/25/2020 13:50	08/25/2020 15:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	08/18/2020 17:27	08/18/2020 21:47	MAO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7473	08/20/2020 10:49	08/20/2020 19:32	MAO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 1611200814-07

York Sample ID: 20H0645-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0645

20040181.B3N Former Hudson Wire Mill

Water

August 14, 2020 12:20 pm

08/18/2020



Sample Information

Client Sample ID: 1611200814-07

York Sample ID: 20H0645-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0645

20040181.B3N Former Hudson Wire Mill

Water

August 14, 2020 12:20 pm

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
							Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				



Sample Information

Client Sample ID: 1611200814-07

York Sample ID: 20H0645-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0645

20040181.B3N Former Hudson Wire Mill

Water

August 14, 2020 12:20 pm

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/25/2020 09:30	08/25/2020 20:54	CLO
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			



Sample Information

Client Sample ID: 1611200814-07

York Sample ID: 20H0645-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0645

20040181.B3N Former Hudson Wire Mill

Water

August 14, 2020 12:20 pm

08/18/2020

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 20:54	CLO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 20:54	CLO
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2020 09:30	08/25/2020 20:54	CLO
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/25/2020 09:30	08/25/2020 20:54	CLO
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	97.9 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	99.8 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	106 %			79-122						



CASE NARRATIVE

York Project/SDG No.: 20H0645
Client: Fuss & O'Neill, Inc.
Client Project ID: 20040181.B3N Former Hudson Wire Mill
Prepared for: Gregory Toothill

Introduction

This Case Narrative applies only to the samples submitted to our laboratory on **08/18/2020 14:58** as detailed on the chain-of-custody form.

The 7 sample(s) were received intact in a custody-sealed cooler(s), unless otherwise noted.

Upon receipt, cooler temperature(s) was determined using a NIST traceable digital infrared thermometer. The cooler temperature was acceptable ($\leq 6^{\circ}\text{C}$) and documented as:

<u>Cooler</u>	<u>Temp C°</u>
Default Cooler	2.7

Chain-of-custody was maintained from receipt through analysis in the laboratory.

Methodology

All preparation and analyses were conducted according to the appropriate EPA methods detailed in the report.

Client Sample Information and Non-Conformances

<u>Laboratory ID</u>	<u>Sample Name</u>	<u>Matrix</u>
20H0645-01	1611200814-01	Water
20H0645-02	1611200814-02	Water
20H0645-03	1611200814-03	Water
20H0645-04	1611200814-04	Water
20H0645-05	1611200814-05	Water
20H0645-06	1611200814-06	Water
20H0645-07	1611200814-07	Water

Any additional Client Sample Non-conformances are detailed in the preceding Case Narrative Non-Conformance Summary tables.

No other problems were encountered during analysis.

QC Sample Non-Conformances

Any QC sample Non-conformances (SCV, CCV, BS, BSD, SRM, PS, MS, MSD, DUP) are detailed in the preceding Case Narrative Non-Conformance Summary tables.

No other problems were encountered during analysis.

York Project/SDG no.: 20H0645 Statement



We certify that these data are in compliance with SOP requirements both technically and for completeness for other than the conditions stated above. Release of the data contained in the hard copy report and any electronic data deliverables has been authorized by the Laboratory Manager as verified by the signature on this laboratory report.

Approved by: Ben Gulizia
Laboratory Director

Date: 09/22/2020

York Analytical Laboratories, Inc.
Formulae Used for Sample Calculations

1. **Volatile Organics (Water-ug/L or Soil-ug/Kg)**

Soils/Waters

Medium Level Soils

$$C_x = \frac{(A_x)(IS)(DF)}{(A_{is})(RRF)(V)(\% \text{ solids})}$$

$$C_x = \frac{(A_x)(IS)(VT)(1000)(DF)}{(A_{is})(RRF)(VA)(V)(\% \text{ solids})}$$

2. **Semi-Volatiles (Water-ug/L or Soil-ug/Kg)**

$$C_x = \frac{(A_x)(IS)(VE)(DF)}{(A_{is})(RRF)(\text{Volume injected, uL})(V)(\% \text{ solids})}$$

3. **Pesticides/PCB, DRO, EPH, CTETPH (Water-ug/L or Soil-ug/Kg)**

$$C_x = \frac{(A_x)(VE)(DF)}{(CF)(\text{Volume injected, uL})(V)(\% \text{ solids})}$$

4. **Inorganics (Water or Soil-ug/mL)**

$$C_x = \frac{(\text{Conc.})(VE)}{(V)(\% \text{ solids}/100)}$$

WHERE:

Cx = concentration of analyte as ug/L or ug/kg
Ax = Area of the characteristic ion for the compound to be measured, counts
Ais = Area of the characteristic ion for the specific internal standard, counts
IS = Concentration of the internal standard spiking mixture, ng
RRF = Mean relative response factor from the initial calibration
DF = Dilution factor calculated as described in section 2. If no dilution is performed, DF= 1
V = Volume for liquids in mL, weight for soils/solids in grams
VA = volume of MeOH aliquot for medium level soils
VE = final volume of concentrated extract or digestate
VT = volume of MeOH for volatiles medium level soils



CF = calibration factor for external calibration used in GC pest/pcb
Cis = Concentration of the internal standard spiking mixture, ppbv



Case Narrative Non-Conformance Summary

Laboratory: York Analytical Laboratories, Inc. Client:
 Project: Lab Project No:
 Laboratory Sample ID(s): -01 - -07 Sampling Date(s): 08/14/2020 - 08/14/2020
 Review Date(s): - Laboratory Reviewer(s):

QC Sample Nonconformances

Batch ID: BH01423 **Affected Samples:** See Batch Summary

QC Sample ID	Analyte - CAS No.	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Notes
BH01423-BS1	p- & m- Xylenes - 179601-23-1	13 ug/L	LCS	67.4	79-130	Low Bias				
BH01423-BSD1	p- & m- Xylenes - 179601-23-1	14 ug/L	LCS Dup	67.8	79-130	Low Bias	0.666	30		
BH01423-BSD1	Tetrachloroethylene - 127-18-4	7.8 ug/L	LCS Dup	77.6	78-133	Low Bias	1.91	30		

Batch ID: Y0H2610 **Affected Samples:** See Batch Summary

QC Sample ID	Analyte - CAS No.	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Notes
Y0H2610-CCV1	p- & m- Xylenes - 179601-23-1	13.8 ug/L	Calibration Check	69.2	80-120	Low Bias				

Batch ID: BH01065 **Affected Samples:** See Batch Summary

QC Sample ID	Analyte - CAS No.	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Notes
BH01065-BLK1	Copper - 7440-50-8	0.0247 mg/L	Blank		-					
BH01065-BS1	Copper - 7440-50-8	0.302 mg/L	LCS	121	80-120	High Bias				

Batch ID: Y0H2107 **Affected Samples:** See Batch Summary

QC Sample ID	Analyte - CAS No.	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Notes
Y0H2107-CRL2	Copper - 7440-50-8	0.0279 mg/L	Instrument RL Check	140	70-130	High Bias				
Y0H2107-CRL2	Lead - 7439-92-1	0.00391 ug/mL	Instrument RL Check	156	70-130	High Bias				

Batch ID: Y0H2604 **Affected Samples:** See Batch Summary

QC Sample ID	Analyte - CAS No.	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Notes
Y0H2604-CRL2	Nickel - 7440-02-0	0.00304 ug/mL	Instrument RL Check	60.8	70-130	Low Bias				



Batch ID: Y0H3110

Affected Samples: See Batch Summary

QC Sample ID	Analyte - CAS No.	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Notes
Y0H3110-CCV2	Silver - 7440-22-4	1.38 ug/mL	Calibration Check	110	90-110	High Bias				
Y0H3110-CRL1	Lead - 7439-92-1	0.00738 ug/mL	Instrument RL Check	148	70-130	High Bias				
Y0H3110-CRL1	Nickel - 7440-02-0	0.00507 mg/L	Instrument RL Check	50.7	70-130	Low Bias				
Y0H3110-CRL2	Copper - 7440-50-8	0.0293 mg/L	Instrument RL Check	147	70-130	High Bias				
Y0H3110-CRL2	Silver - 7440-22-4	0.00652 ug/mL	Instrument RL Check	130	70-130	High Bias				

Batch ID: BH01065

General Method: Metals by ICP

YORK Sample ID Client Sample ID

20H0645-01	1611200814-01
20H0645-02	1611200814-02
20H0645-03	1611200814-03
20H0645-04	1611200814-04
20H0645-05	1611200814-05
20H0645-06	1611200814-06
BH01065-BLK1	Blank
BH01065-BS1	LCS

Batch ID: BH01423

General Method: Volatile Organic Compounds by GC/MS

YORK Sample ID Client Sample ID

20H0645-01	1611200814-01
20H0645-02	1611200814-02
20H0645-03	1611200814-03
20H0645-04	1611200814-04
20H0645-05	1611200814-05
20H0645-06	1611200814-06
20H0645-07	1611200814-07
BH01423-BLK1	Blank
BH01423-BS1	LCS
BH01423-BSD1	LCS Dup

No Sample Nonconformances Found

Notes: Other nonconformances, if any, are detailed in the Data Quality Assessment worksheets.

For multiple surrogate analyses such as semi-volatiles, volatiles, etc, single surrogate excursions do not necessarily indicate a bias in the sample. Samples with multiple surrogate excursions may exhibit a bias in the results.

Definitions: LCS - Laboratory Control Sample
 LCS dup - Laboratory Control Sample Duplicate
 MS - Matrix Spike
 MSD - Matrix Spike Duplicate
 BS - Blank Spike also called LCS
 BSD - Blank Spike Duplicate also called LCS dup
 SRM - Standard Reference Material
 DUP - Duplicate



QC DATA QUALIFIERS

LabID	Analysis	Analyte	Qualifier	Definition
Y0H2107-CRL2	Copper by EPA 6010	Copper	M-CRL	The RL check for this element recovered outside of control limits.
Y0H2107-CRL1	Copper by EPA 6010	Copper	M-CRL	The RL check for this element recovered outside of control limits.
BH01065-BS1	Copper by EPA 6010	Copper	M-BS, B	
BH01065-BLK1	Copper by EPA 6010	Copper	M-MBLk	Analyte was detected in the batch method blank above the Reporting Limit.

LabID	Analysis	Analyte	Qualifier	Definition
Y0H2107-CRL2	Lead by EPA 6010	Lead	M-CRL	The RL check for this element recovered outside of control limits.
Y0H2107-CRL1	Lead by EPA 6010	Lead	M-CRL	The RL check for this element recovered outside of control limits.

LabID	Analysis	Analyte	Qualifier	Definition
Y0H2107-CRL2	Nickel by EPA 6010	Nickel	M-CRL	The RL check for this element recovered outside of control limits.
Y0H2107-CRL1	Nickel by EPA 6010	Nickel	M-CRL	The RL check for this element recovered outside of control limits.

LabID	Analysis	Analyte	Qualifier	Definition
Y0H2107-CRL2	Silver by EPA 6010	Silver	M-CRL	The RL check for this element recovered outside of control limits.
Y0H2107-CRL1	Silver by EPA 6010	Silver	M-CRL	The RL check for this element recovered outside of control limits.

LabID	Analysis	Analyte	Qualifier	Definition
Y0H2610-CCV1	Volatile Organics, TCL (Target Compound List)	p- & m- Xylenes	CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
BH01423-BS1	Volatile Organics, TCL (Target Compound List)	p- & m- Xylenes	QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.



LabID	Analysis	Analyte	Qualifier	Definition
BH01423-BSD1	Volatile Organics, TCL (Target Compound List)	p- & m- Xylenes	QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
BH01423-BSD1	Volatile Organics, TCL (Target Compound List)	Tetrachloroethylene	QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.



Analytical Batch Summary

Batch ID: BH01001 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20H0645-01	1611200814-01	08/18/20
20H0645-02	1611200814-02	08/18/20
20H0645-03	1611200814-03	08/18/20
20H0645-04	1611200814-04	08/18/20
20H0645-05	1611200814-05	08/18/20
20H0645-06	1611200814-06	08/18/20
BH01001-BLK1	Blank	08/18/20
BH01001-SRM1	Reference	08/18/20

Batch ID: BH01065 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20H0645-01	1611200814-01	08/19/20
20H0645-02	1611200814-02	08/19/20
20H0645-03	1611200814-03	08/19/20
20H0645-04	1611200814-04	08/19/20
20H0645-05	1611200814-05	08/19/20
20H0645-06	1611200814-06	08/19/20
BH01065-BLK1	Blank	08/19/20
BH01065-BS1	LCS	08/19/20

Batch ID: BH01069 **Preparation Method:** Analysis Preparation **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
20H0645-02	1611200814-02	08/19/20
20H0645-03	1611200814-03	08/19/20
BH01069-BLK1	Blank	08/19/20
BH01069-BS1	LCS	08/19/20

Batch ID: BH01140 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20H0645-01	1611200814-01	08/20/20
20H0645-02	1611200814-02	08/20/20
20H0645-03	1611200814-03	08/20/20
20H0645-05	1611200814-05	08/20/20
20H0645-06	1611200814-06	08/20/20
BH01140-BLK1	Blank	08/20/20
BH01140-SRM1	Reference	08/20/20

Batch ID: BH01407 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
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20H0645-01	1611200814-01	08/25/20
20H0645-02	1611200814-02	08/25/20
20H0645-03	1611200814-03	08/25/20
20H0645-05	1611200814-05	08/25/20
20H0645-06	1611200814-06	08/25/20
BH01407-BLK1	Blank	08/25/20
BH01407-BS1	LCS	08/25/20

Batch ID: BH01423 **Preparation Method:** EPA 5030B **Prepared By:** CLO

YORK Sample ID	Client Sample ID	Preparation Date
20H0645-01	1611200814-01	08/25/20
20H0645-02	1611200814-02	08/25/20
20H0645-03	1611200814-03	08/25/20
20H0645-04	1611200814-04	08/25/20
20H0645-05	1611200814-05	08/25/20
20H0645-06	1611200814-06	08/25/20
20H0645-07	1611200814-07	08/25/20
BH01423-BLK1	Blank	08/25/20
BH01423-BS1	LCS	08/25/20
BH01423-BSD1	LCS Dup	08/25/20



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH01423 - EPA 5030B

Blank (BH01423-BLK1)

Prepared & Analyzed: 08/25/2020

1,1,1-Trichloroethane	ND	0.50	ug/L								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level
Batch BH01423 - EPA 5030B										
Blank (BH01423-BLK1)										
										Prepared & Analyzed: 08/25/2020
Xylenes, Total	ND	1.5	ug/L							
Surrogate: SURR: 1,2-Dichloroethane-d4	9.69		"	10.0		96.9	69-130			
Surrogate: SURR: Toluene-d8	10.0		"	10.0		100	81-117			
Surrogate: SURR: p-Bromofluorobenzene	10.0		"	10.0		100	79-122			
LCS (BH01423-BS1)										
										Prepared & Analyzed: 08/25/2020
1,1,1-Trichloroethane	9.8		ug/L	10.0		97.9	68-138			
1,1,2,2-Tetrachloroethane	9.2		"	10.0		91.8	73-132			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		104	67-136			
1,1,2-Trichloroethane	9.2		"	10.0		92.5	79-125			
1,1-Dichloroethane	8.9		"	10.0		89.4	78-128			
1,1-Dichloroethylene	9.6		"	10.0		96.5	68-134			
1,2,4-Trichlorobenzene	8.7		"	10.0		86.9	75-141			
1,2,4-Trimethylbenzene	8.3		"	10.0		82.9	78-127			
1,2-Dibromo-3-chloropropane	9.8		"	10.0		97.9	60-150			
1,2-Dibromoethane	10		"	10.0		103	86-123			
1,2-Dichloroethane	9.0		"	10.0		89.8	69-133			
1,2-Dichloropropane	9.1		"	10.0		91.4	76-124			
1,3,5-Trimethylbenzene	8.2		"	10.0		82.0	78-128			
2-Butanone	11		"	10.0		106	44-169			
2-Hexanone	10		"	10.0		103	62-145			
4-Methyl-2-pentanone	10		"	10.0		103	67-137			
Acetone	8.6		"	10.0		86.0	29-163			
Benzene	9.4		"	10.0		94.2	72-134			
Bromodichloromethane	9.4		"	10.0		94.3	76-127			
Bromoform	11		"	10.0		107	77-137			
Bromomethane	9.4		"	10.0		94.1	50-156			
Carbon disulfide	10		"	10.0		103	54-154			
Carbon tetrachloride	9.5		"	10.0		95.0	62-145			
Chlorobenzene	9.2		"	10.0		92.5	85-119			
Chloroethane	9.0		"	10.0		90.4	49-143			
Chloroform	9.4		"	10.0		93.9	74-131			
Chloromethane	11		"	10.0		114	43-134			
cis-1,2-Dichloroethylene	9.4		"	10.0		94.5	73-134			
cis-1,3-Dichloropropylene	9.7		"	10.0		96.6	77-128			
Dibromochloromethane	10		"	10.0		99.5	79-130			
Dichlorodifluoromethane	14		"	10.0		137	38-139			
Ethyl Benzene	8.6		"	10.0		86.5	80-129			
Isopropylbenzene	7.9		"	10.0		79.3	76-128			
Methyl tert-butyl ether (MTBE)	10		"	10.0		104	64-142			
Methylene chloride	10		"	10.0		100	56-142			
Naphthalene	9.3		"	10.0		93.2	79-144			
n-Butylbenzene	9.0		"	10.0		90.0	74-132			
n-Propylbenzene	8.0		"	10.0		80.3	72-135			
o-Xylene	8.5		"	10.0		84.7	81-123			
p- & m- Xylenes	13		"	20.0		67.4	79-130	Low Bias		
sec-Butylbenzene	8.9		"	10.0		89.4	78-127			
Styrene	9.0		"	10.0		90.0	82-124			
tert-Butylbenzene	8.0		"	10.0		79.9	75-131			
Tetrachloroethylene	7.9		"	10.0		79.1	78-133			
Toluene	9.2		"	10.0		91.9	83-122			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH01423 - EPA 5030B											
LCS (BH01423-BS1)											
Prepared & Analyzed: 08/25/2020											
trans-1,2-Dichloroethylene	10		ug/L	10.0		100	59-145				
trans-1,3-Dichloropropylene	9.6		"	10.0		96.3	74-131				
Trichloroethylene	9.2		"	10.0		91.7	81-125				
Trichlorofluoromethane	9.7		"	10.0		96.8	61-144				
Vinyl Chloride	10		"	10.0		101	42-136				
Surrogate: SURRE: 1,2-Dichloroethane-d4	10.1		"	10.0		101	69-130				
Surrogate: SURRE: Toluene-d8	9.75		"	10.0		97.5	81-117				
Surrogate: SURRE: p-Bromofluorobenzene	9.28		"	10.0		92.8	79-122				
LCS Dup (BH01423-BSD1)											
Prepared & Analyzed: 08/25/2020											
1,1,1-Trichloroethane	9.5		ug/L	10.0		94.6	68-138		3.43		30
1,1,2,2-Tetrachloroethane	8.9		"	10.0		88.7	73-132		3.43		30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		99.9	67-136		3.73		30
1,1,2-Trichloroethane	9.5		"	10.0		94.9	79-125		2.56		30
1,1-Dichloroethane	8.7		"	10.0		86.6	78-128		3.18		30
1,1-Dichloroethylene	9.4		"	10.0		93.5	68-134		3.16		30
1,2,4-Trichlorobenzene	8.4		"	10.0		84.4	75-141		2.92		30
1,2,4-Trimethylbenzene	8.2		"	10.0		82.4	78-127		0.605		30
1,2-Dibromo-3-chloropropane	9.3		"	10.0		92.6	60-150		5.56		30
1,2-Dibromoethane	10		"	10.0		104	86-123		1.45		30
1,2-Dichloroethane	8.8		"	10.0		88.5	69-133		1.46		30
1,2-Dichloropropane	8.7		"	10.0		87.4	76-124		4.47		30
1,3,5-Trimethylbenzene	8.3		"	10.0		83.0	78-128		1.21		30
2-Butanone	11		"	10.0		105	44-169		0.569		30
2-Hexanone	10		"	10.0		105	62-145		1.92		30
4-Methyl-2-pentanone	11		"	10.0		106	67-137		3.54		30
Acetone	7.9		"	10.0		79.0	29-163		8.48		30
Benzene	9.2		"	10.0		92.0	72-134		2.36		30
Bromodichloromethane	9.6		"	10.0		96.4	76-127		2.20		30
Bromoform	11		"	10.0		107	77-137		0.0935		30
Bromomethane	9.3		"	10.0		92.8	50-156		1.39		30
Carbon disulfide	10		"	10.0		102	54-154		1.37		30
Carbon tetrachloride	9.3		"	10.0		92.9	62-145		2.24		30
Chlorobenzene	9.2		"	10.0		92.4	85-119		0.108		30
Chloroethane	9.0		"	10.0		89.7	49-143		0.777		30
Chloroform	9.4		"	10.0		93.9	74-131		0.00		30
Chloromethane	11		"	10.0		109	43-134		4.32		30
cis-1,2-Dichloroethylene	9.2		"	10.0		92.2	73-134		2.46		30
cis-1,3-Dichloropropylene	9.5		"	10.0		95.2	77-128		1.46		30
Dibromochloromethane	10		"	10.0		100	79-130		0.900		30
Dichlorodifluoromethane	13		"	10.0		130	38-139		4.71		30
Ethyl Benzene	8.6		"	10.0		86.1	80-129		0.463		30
Isopropylbenzene	7.9		"	10.0		78.6	76-128		0.887		30
Methyl tert-butyl ether (MTBE)	10		"	10.0		102	64-142		1.46		30
Methylene chloride	9.7		"	10.0		96.8	56-142		3.35		30
Naphthalene	9.1		"	10.0		90.8	79-144		2.61		30
n-Butylbenzene	9.4		"	10.0		93.5	74-132		3.81		30
n-Propylbenzene	8.0		"	10.0		80.3	72-135		0.00		30
o-Xylene	8.6		"	10.0		85.5	81-123		0.940		30
p- & m- Xylenes	14		"	20.0		67.8	79-130	Low Bias	0.666		30
sec-Butylbenzene	9.2		"	10.0		92.5	78-127		3.41		30



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH01423 - EPA 5030B

LCS Dup (BH01423-BSD1)

Prepared & Analyzed: 08/25/2020

Styrene	8.9		ug/L	10.0		89.4	82-124		0.669	30	
tert-Butylbenzene	8.2		"	10.0		81.7	75-131		2.23	30	
Tetrachloroethylene	7.8		"	10.0		77.6	78-133	Low Bias	1.91	30	
Toluene	9.1		"	10.0		90.6	83-122		1.42	30	
trans-1,2-Dichloroethylene	9.6		"	10.0		95.5	59-145		4.70	30	
trans-1,3-Dichloropropylene	9.7		"	10.0		96.7	74-131		0.415	30	
Trichloroethylene	9.2		"	10.0		92.5	81-125		0.869	30	
Trichlorofluoromethane	9.8		"	10.0		97.6	61-144		0.823	30	
Vinyl Chloride	9.8		"	10.0		97.5	42-136		3.53	30	
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>9.86</i>		<i>"</i>	<i>10.0</i>		<i>98.6</i>	<i>69-130</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>9.92</i>		<i>"</i>	<i>10.0</i>		<i>99.2</i>	<i>81-117</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>9.12</i>		<i>"</i>	<i>10.0</i>		<i>91.2</i>	<i>79-122</i>				



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BH01065 - EPA 3015A

Blank (BH01065-BLK1)

Prepared: 08/19/2020 Analyzed: 08/24/2020

Chromium	ND	0.00556	mg/L									
Copper	0.0247	0.0222	"									
Lead	ND	0.00556	"									
Nickel	ND	0.0111	"									
Silver	ND	0.00556	"									

LCS (BH01065-BS1)

Prepared: 08/19/2020 Analyzed: 08/24/2020

Chromium	0.209		ug/mL	0.200		104	80-120					
Copper	0.302		mg/L	0.250		121	80-120	High Bias				
Lead	0.517		ug/mL	0.500		103	80-120					
Nickel	0.518		mg/L	0.500		104	80-120					
Silver	0.0445		ug/mL	0.0500		89.1	80-120					

Batch BH01407 - EPA 3015A

Blank (BH01407-BLK1)

Prepared & Analyzed: 08/25/2020

Chromium - Dissolved	ND	0.00556	mg/L									
Copper - Dissolved	ND	0.0222	"									
Lead - Dissolved	ND	0.00556	"									
Nickel - Dissolved	ND	0.0111	"									
Silver - Dissolved	ND	0.00556	"									

LCS (BH01407-BS1)

Prepared & Analyzed: 08/25/2020

Chromium - Dissolved	0.188		ug/mL	0.200		94.2	80-120					
Copper - Dissolved	0.260		"	0.250		104	80-120					
Lead - Dissolved	0.495		"	0.500		99.0	80-120					
Nickel - Dissolved	0.487		"	0.500		97.4	80-120					
Silver - Dissolved	0.0542		"	0.0500		108	80-120					



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH01001 - EPA 7473 water											
Blank (BH01001-BLK1)											
Prepared & Analyzed: 08/18/2020											
Mercury	ND	0.00020	mg/L								
Reference (BH01001-SRM1)											
Prepared & Analyzed: 08/18/2020											
Mercury	0.0105		mg/L	0.0100		105	70-130				
Batch BH01140 - EPA 7473 water											
Blank (BH01140-BLK1)											
Prepared & Analyzed: 08/20/2020											
Mercury - Dissolved	ND	0.0002000	mg/L								
Reference (BH01140-SRM1)											
Prepared & Analyzed: 08/20/2020											
Mercury - Dissolved	0.01170		mg/L	0.0100		117	70-130				



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH01069 - Analysis Preparation											
Blank (BH01069-BLK1)											
Cyanide, total	ND	0.0100	mg/L						Prepared & Analyzed: 08/19/2020		
LCS (BH01069-BS1)											
Cyanide, total	0.204	0.0100	mg/L	0.200		102	76.2-107				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20H0645-01	1611200814-01	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H0645-02	1611200814-02	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H0645-03	1611200814-03	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H0645-04	1611200814-04	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H0645-05	1611200814-05	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H0645-06	1611200814-06	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H0645-07	1611200814-07	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-MBLK	Analyte was detected in the batch method blank above the Reporting Limit.
M-CRL	The RL check for this element recovered outside of control limits.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
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.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

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.



Laboratory Chain-of-Custody Record

York Project (SDG) No.: 20H0645

Samples Received: 08/18/2020 14:58 By: Terri Gale Logged In: 08/18/2020 11:00 By: Tom Gabrielson

- Sample Conditions:**
- Custody Seals
 - Containers Intact
 - COC/Labels Agree
 - Preservation Confirmed
 - Cooler Temperature Confirmed
 - COC Complete
 - Chain of Custody Form Received
 - Appropriate Sample Volumes Received
 - Appropriate Sample Containers Submitted
 - Samples Submitted within Holding Times
 - Corrective Action Form Required

Preparation Chain-of-Custody

Sample ID	Reason Prep	Prep Start Date	Prep End Date	Prep Analyst
20H0645-02	Analysis Preparation	08/19/2020 14:17	08/19/2020 14:17	Margaret A. Ottersen
20H0645-03	Analysis Preparation	08/19/2020 14:17	08/19/2020 14:17	Margaret A. Ottersen
20H0645-01	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0645-01	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-01	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-01	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-01	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0645-01	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-01	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0645-01	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-01	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0645-01	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0645-02	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-02	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0645-02	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-02	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0645-02	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-02	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0645-02	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-02	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0645-02	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-02	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0645-03	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0645-03	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-03	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-03	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0645-03	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-03	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu



Preparation Chain-of-Custody

Sample ID	Reason Prep	Prep Start Date	Prep End Date	Prep Analyst
20H0645-03	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-03	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0645-03	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0645-03	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-04	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-04	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-04	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-04	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-04	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-04	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-05	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-05	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-05	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-05	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0645-05	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0645-05	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-05	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0645-05	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-05	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0645-05	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0645-06	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0645-06	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-06	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0645-06	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-06	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-06	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0645-06	EPA 3015A	08/19/2020 14:02	08/19/2020 14:02	Sarah Yu
20H0645-06	EPA 3015A	08/25/2020 13:50	08/25/2020 13:50	Sarah Yu
20H0645-01	EPA 5030B	08/25/2020 9:30	08/25/2020 9:30	Chelsy L. O'Leary
20H0645-02	EPA 5030B	08/25/2020 9:30	08/25/2020 9:30	Chelsy L. O'Leary
20H0645-03	EPA 5030B	08/25/2020 9:30	08/25/2020 9:30	Chelsy L. O'Leary
20H0645-04	EPA 5030B	08/25/2020 9:30	08/25/2020 9:30	Chelsy L. O'Leary
20H0645-05	EPA 5030B	08/25/2020 9:30	08/25/2020 9:30	Chelsy L. O'Leary
20H0645-06	EPA 5030B	08/25/2020 9:30	08/25/2020 9:30	Chelsy L. O'Leary
20H0645-07	EPA 5030B	08/25/2020 9:30	08/25/2020 9:30	Chelsy L. O'Leary
20H0645-01	EPA 7473 water	08/18/2020 17:27	08/18/2020 17:27	Sarah Yu
20H0645-01	EPA 7473 water	08/20/2020 10:49	08/20/2020 10:49	Sarah Yu
20H0645-02	EPA 7473 water	08/20/2020 10:49	08/20/2020 10:49	Sarah Yu
20H0645-02	EPA 7473 water	08/18/2020 17:27	08/18/2020 17:27	Sarah Yu
20H0645-03	EPA 7473 water	08/18/2020 17:27	08/18/2020 17:27	Sarah Yu
20H0645-03	EPA 7473 water	08/20/2020 10:49	08/20/2020 10:49	Sarah Yu
20H0645-04	EPA 7473 water	08/18/2020 17:27	08/18/2020 17:27	Sarah Yu



Preparation Chain-of-Custody

Sample ID	Reason Prep	Prep Start Date	Prep End Date	Prep Analyst
20H0645-05	EPA 7473 water	08/20/2020 10:49	08/20/2020 10:49	Sarah Yu
20H0645-05	EPA 7473 water	08/18/2020 17:27	08/18/2020 17:27	Sarah Yu
20H0645-06	EPA 7473 water	08/20/2020 10:49	08/20/2020 10:49	Sarah Yu
20H0645-06	EPA 7473 water	08/18/2020 17:27	08/18/2020 17:27	Sarah Yu

Analysis Chain-of-Custody

Sample ID	Reason Analysis	Analysis Start Date	Analysis End Date	Analyst
20H0645-01	Chromium by EPA 6010	08/19/2020 14:02	08/21/2020 14:34	Brian M. Loftus
20H0645-02	Chromium by EPA 6010	08/19/2020 14:02	08/21/2020 14:37	Brian M. Loftus
20H0645-03	Chromium by EPA 6010	08/19/2020 14:02	08/21/2020 14:41	Brian M. Loftus
20H0645-04	Chromium by EPA 6010	08/19/2020 14:02	08/21/2020 14:44	Brian M. Loftus
20H0645-05	Chromium by EPA 6010	08/19/2020 14:02	08/21/2020 14:52	Brian M. Loftus
20H0645-06	Chromium by EPA 6010	08/19/2020 14:02	08/21/2020 14:55	Brian M. Loftus
20H0645-01	Chromium, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:26	Kristin M. Lopez
20H0645-02	Chromium, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:29	Kristin M. Lopez
20H0645-03	Chromium, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:32	Kristin M. Lopez
20H0645-05	Chromium, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:35	Kristin M. Lopez
20H0645-06	Chromium, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:38	Kristin M. Lopez
20H0645-01	Copper by EPA 6010	08/19/2020 14:02	08/21/2020 14:34	Brian M. Loftus
20H0645-02	Copper by EPA 6010	08/19/2020 14:02	08/21/2020 14:37	Brian M. Loftus
20H0645-03	Copper by EPA 6010	08/19/2020 14:02	08/21/2020 14:41	Brian M. Loftus
20H0645-04	Copper by EPA 6010	08/19/2020 14:02	08/21/2020 14:44	Brian M. Loftus
20H0645-05	Copper by EPA 6010	08/19/2020 14:02	08/21/2020 14:52	Brian M. Loftus
20H0645-06	Copper by EPA 6010	08/19/2020 14:02	08/21/2020 14:55	Brian M. Loftus
20H0645-01	Copper, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:26	Kristin M. Lopez
20H0645-02	Copper, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:29	Kristin M. Lopez
20H0645-03	Copper, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:32	Kristin M. Lopez
20H0645-05	Copper, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:35	Kristin M. Lopez
20H0645-06	Copper, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:38	Kristin M. Lopez
20H0645-02	Cyanide, Total	08/19/2020 14:17	08/19/2020 20:25	Margaret A. Ottersen
20H0645-03	Cyanide, Total	08/19/2020 14:17	08/19/2020 20:25	Margaret A. Ottersen
20H0645-01	Lead by EPA 6010	08/19/2020 14:02	08/21/2020 14:34	Brian M. Loftus
20H0645-02	Lead by EPA 6010	08/19/2020 14:02	08/21/2020 14:37	Brian M. Loftus
20H0645-03	Lead by EPA 6010	08/19/2020 14:02	08/21/2020 14:41	Brian M. Loftus
20H0645-04	Lead by EPA 6010	08/19/2020 14:02	08/21/2020 14:44	Brian M. Loftus
20H0645-05	Lead by EPA 6010	08/19/2020 14:02	08/21/2020 14:52	Brian M. Loftus
20H0645-06	Lead by EPA 6010	08/19/2020 14:02	08/21/2020 14:55	Brian M. Loftus



Analysis Chain-of-Custody

Sample ID	Reason Analysis	Analysis Start Date	Analysis End Date	Analyst
20H0645-01	Lead, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:26	Kristin M. Lopez
20H0645-02	Lead, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:29	Kristin M. Lopez
20H0645-03	Lead, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:32	Kristin M. Lopez
20H0645-05	Lead, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:35	Kristin M. Lopez
20H0645-06	Lead, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:38	Kristin M. Lopez
20H0645-01	Mercury by 7473	08/18/2020 17:27	08/18/2020 20:17	Margaret A. Ottersen
20H0645-02	Mercury by 7473	08/18/2020 17:27	08/18/2020 21:07	Margaret A. Ottersen
20H0645-03	Mercury by 7473	08/18/2020 17:27	08/18/2020 21:16	Margaret A. Ottersen
20H0645-04	Mercury by 7473	08/18/2020 17:27	08/18/2020 21:26	Margaret A. Ottersen
20H0645-05	Mercury by 7473	08/18/2020 17:27	08/18/2020 21:36	Margaret A. Ottersen
20H0645-06	Mercury by 7473	08/18/2020 17:27	08/18/2020 21:47	Margaret A. Ottersen
20H0645-01	Mercury by 7473, Dissolved	08/20/2020 10:49	08/20/2020 18:50	Margaret A. Ottersen
20H0645-02	Mercury by 7473, Dissolved	08/20/2020 10:49	08/20/2020 19:01	Margaret A. Ottersen
20H0645-03	Mercury by 7473, Dissolved	08/20/2020 10:49	08/20/2020 19:11	Margaret A. Ottersen
20H0645-05	Mercury by 7473, Dissolved	08/20/2020 10:49	08/20/2020 19:21	Margaret A. Ottersen
20H0645-06	Mercury by 7473, Dissolved	08/20/2020 10:49	08/20/2020 19:32	Margaret A. Ottersen
20H0645-01	Nickel by EPA 6010	08/19/2020 14:02	08/21/2020 14:34	Brian M. Loftus
20H0645-02	Nickel by EPA 6010	08/19/2020 14:02	08/21/2020 14:37	Brian M. Loftus
20H0645-03	Nickel by EPA 6010	08/19/2020 14:02	08/21/2020 14:41	Brian M. Loftus
20H0645-04	Nickel by EPA 6010	08/19/2020 14:02	08/21/2020 14:44	Brian M. Loftus
20H0645-05	Nickel by EPA 6010	08/19/2020 14:02	08/21/2020 14:52	Brian M. Loftus
20H0645-06	Nickel by EPA 6010	08/19/2020 14:02	08/21/2020 14:55	Brian M. Loftus
20H0645-01	Nickel, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:26	Kristin M. Lopez
20H0645-02	Nickel, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:29	Kristin M. Lopez
20H0645-03	Nickel, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:32	Kristin M. Lopez
20H0645-05	Nickel, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:35	Kristin M. Lopez
20H0645-06	Nickel, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:38	Kristin M. Lopez
20H0645-01	Silver by EPA 6010	08/19/2020 14:02	08/21/2020 14:34	Brian M. Loftus
20H0645-02	Silver by EPA 6010	08/19/2020 14:02	08/21/2020 14:37	Brian M. Loftus
20H0645-03	Silver by EPA 6010	08/19/2020 14:02	08/21/2020 14:41	Brian M. Loftus
20H0645-04	Silver by EPA 6010	08/19/2020 14:02	08/21/2020 14:44	Brian M. Loftus
20H0645-05	Silver by EPA 6010	08/19/2020 14:02	08/21/2020 14:52	Brian M. Loftus
20H0645-06	Silver by EPA 6010	08/19/2020 14:02	08/21/2020 14:55	Brian M. Loftus
20H0645-01	Silver, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:26	Kristin M. Lopez
20H0645-02	Silver, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:29	Kristin M. Lopez
20H0645-03	Silver, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:32	Kristin M. Lopez
20H0645-05	Silver, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:35	Kristin M. Lopez
20H0645-06	Silver, Dissolved by EPA 6010	08/25/2020 13:50	08/25/2020 15:38	Kristin M. Lopez
20H0645-01	Volatile Organics, TCL (Target Comp	08/25/2020 9:30	08/25/2020 18:01	Chelsy L. O'Leary
20H0645-02	Volatile Organics, TCL (Target Comp	08/25/2020 9:30	08/25/2020 18:30	Chelsy L. O'Leary
20H0645-03	Volatile Organics, TCL (Target Comp	08/25/2020 9:30	08/25/2020 18:58	Chelsy L. O'Leary



Analysis Chain-of-Custody

Sample ID	Reason Analysis	Analysis Start Date	Analysis End Date	Analyst
20H0645-04	Volatile Organics, TCL (Target Comp	08/25/2020 9:30	08/25/2020 19:27	Chelsy L. O'Leary
20H0645-05	Volatile Organics, TCL (Target Comp	08/25/2020 9:30	08/25/2020 19:56	Chelsy L. O'Leary
20H0645-06	Volatile Organics, TCL (Target Comp	08/25/2020 9:30	08/25/2020 20:25	Chelsy L. O'Leary
20H0645-07	Volatile Organics, TCL (Target Comp	08/25/2020 9:30	08/25/2020 20:54	Chelsy L. O'Leary



FUSS & O'NEILL
(860) 646-2469 • www.FandO.com

- 146 Hartford Road, Manchester, CT 06040
- 56 Quarry Road, Trumbull, CT 06611
- 317 Iron Horse Way, Suite 204, Providence, RI 02908
- 1550 Main Street, Suite 400, Springfield, MA 01103
- 108 Myrtle Street, Suite 502, Quincy, MA 02171

- 540 North Commercial Street, Manchester, NH 03101
- 276 Newport Road, New London, NH 03257
- 205 Billings Farm Road, Suite 6B, White River Junction, VT 05001
- 5 Fletcher Street, Suite 1, Kennebunk, ME 04043
- 23046 Avenida de la Carlota, Suite 600, Laguna Hills, CA 92653

20H0645

CHAIN-OF-CUSTODY RECORD

42860

Turnaround

- 24-Hour* 72-Hour* Other _____ (days)
- 48-Hour* Standard (____) days *Surcharge Applies

PROJECT NAME
Former Hudson Wiremill

PROJECT LOCATION
Ossining NY

REPORT TO: **Greg Toothill (E+D)**

INVOICE TO: **Same**

P.O. No.: **20040181.B3N**

Sampler's Signature: *[Signature]* Date: **8-14-2020**

Source Codes:
 MW=Monitoring Well PW=Potable Water T=Treatment Facility S=Soil B=Sediment
 SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete
 X=Other **Trip Blank**

PROJECT NUMBER
20040181.B3N

LABORATORY
YORBA

Containers

Analysis Request
Total Metals (Cr, Cd, Pb, Hg, Ni, As) by method

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Analysis Request	Comments
	1	2	3	4						
01	X	/	/	/	MW 16/200814-01		9:31	X		
02	X	/	/	/	-02		10:03	X		
03	X	/	/	/	-03		10:42	X		
04	X	/	/	/	-04		10:58	X		
05	X	/	/	/	-05		11:52	X		
06	X	/	/	/	-06		9:33	X		
07	X	/	/	/	-07		12:20	X		

Transfer Number	Relinquished By	Accepted By	Date	Time	Change Exceptions:
1	<i>[Signature]</i>	Fridridge	8-14-20	194	<input type="checkbox"/> CT Tax Exempt <input checked="" type="checkbox"/> QA/QC <input type="checkbox"/> Other _____
2	Fridridge	<i>[Signature]</i>	8-18-20	09:40	<input type="checkbox"/> Duplicates <input type="checkbox"/> Blanks (Item Nos: _____)
3	<i>[Signature]</i>	<i>[Signature]</i>	8-18-20	9:40	Reporting and Detection Limit Requirements: <input checked="" type="checkbox"/> RCP Deliverables <input type="checkbox"/> MCP CAM Cert.
4	<i>[Signature]</i>	2.70	8-18-20	1458	Additional Comments: NYS DEC EQS ASPL Level 1.1.1.6 A Goodwater NYS DEC EQS ASPL Level 1.1.1.6 Filter AS is 250 w/ 0.45m filter Duplicate Analysis same AS "01"

York Analytical Laboratories, Inc.

ASP A Deliverable

SDG: 20H0645

CLASS: VOA

METHOD: EPA 8260C

DATA PACKAGE COVER PAGE

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.

SDG: 20H0645

Client: Fuss & O'Neill, Inc.

Project: 20040181.B3N Former Hudson Wire Mill

Client Sample Id:

Lab Sample Id:

1611200814-01

20H0645-01

1611200814-02

20H0645-02

1611200814-03

20H0645-03

1611200814-04

20H0645-04

1611200814-05

20H0645-05

1611200814-06

20H0645-06

1611200814-07

20H0645-07

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature:



Name:

Benjamin Gulizia

Date:

9/22/2020

Title:

Laboratory Director

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0645
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0645-01 File ID: V819869.D
 Sampled: 08/14/20 09:31 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 18:01
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01423 Sequence: Y0H2610 Calibration: YH00023 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.27	J
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	1.1	
75-35-4	1,1-Dichloroethylene	1	0.25	J
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	1.1	
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	2.2	
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0645
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0645-01 File ID: V819869.D
 Sampled: 08/14/20 09:31 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 18:01
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01423 Sequence: Y0H2610 Calibration: YH00023 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	20	
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	12	
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	9.14	91.4	69 - 130	
SURR: Toluene-d8	10.0	9.87	98.7	81 - 117	
SURR: p-Bromofluorobenzene	10.0	10.7	107	79 - 122	

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0645
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0645-02 File ID: V819870.D
 Sampled: 08/14/20 10:03 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 18:30
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01423 Sequence: Y0H2610 Calibration: YH00023 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	1.2	
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0645
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0645-02 File ID: V819870.D
 Sampled: 08/14/20 10:03 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 18:30
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01423 Sequence: Y0H2610 Calibration: YH00023 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.48	J
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.42	J
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	9.25	92.5	69 - 130	
SURR: Toluene-d8	10.0	9.84	98.4	81 - 117	
SURR: p-Bromofluorobenzene	10.0	11.0	110	79 - 122	

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0645
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0645-03 File ID: V819871.D
 Sampled: 08/14/20 10:42 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 18:58
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01423 Sequence: Y0H2610 Calibration: YH00023 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.23	J
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.78	
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0645
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0645-03 File ID: V819871.D
 Sampled: 08/14/20 10:42 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 18:58
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01423 Sequence: Y0H2610 Calibration: YH00023 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.93	
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.62	
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	9.19	91.9	69 - 130	
SURR: Toluene-d8	10.0	9.92	99.2	81 - 117	
SURR: p-Bromofluorobenzene	10.0	10.5	105	79 - 122	

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0645
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0645-04 File ID: V819872.D
 Sampled: 08/14/20 10:58 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 19:27
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01423 Sequence: Y0H2610 Calibration: YH00023 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	1.9	
75-35-4	1,1-Dichloroethylene	1	0.42	J
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	5.6	
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0645
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0645-04 File ID: V819872.D
 Sampled: 08/14/20 10:58 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 19:27
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01423 Sequence: Y0H2610 Calibration: YH00023 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	6.8	
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.30	J
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	7.5	
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	1.7	
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	9.29	92.9	69 - 130	
SURR: Toluene-d8	10.0	10.1	101	81 - 117	
SURR: p-Bromofluorobenzene	10.0	10.2	102	79 - 122	

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0645
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0645-05 File ID: V819873.D
 Sampled: 08/14/20 11:52 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 19:56
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01423 Sequence: Y0H2610 Calibration: YH00023 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.70	
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0645
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0645-05 File ID: V819873.D
 Sampled: 08/14/20 11:52 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 19:56
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01423 Sequence: Y0H2610 Calibration: YH00023 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	9.33	93.3	69 - 130	
SURR: Toluene-d8	10.0	10.2	102	81 - 117	
SURR: p-Bromofluorobenzene	10.0	10.3	103	79 - 122	

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0645
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0645-06 File ID: V819874.D
 Sampled: 08/14/20 09:33 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 20:25
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01423 Sequence: Y0H2610 Calibration: YH00023 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.31	J
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	1.2	
75-35-4	1,1-Dichloroethylene	1	0.31	J
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	1.2	
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	2.3	
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0645
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0645-06 File ID: V819874.D
 Sampled: 08/14/20 09:33 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 20:25
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH01423 Sequence: Y0H2610 Calibration: YH00023 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	24	
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	14	
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	9.55	95.5	69 - 130	
SURR: Toluene-d8	10.0	9.79	97.9	81 - 117	
SURR: p-Bromofluorobenzene	10.0	11.0	110	79 - 122	

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0645
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0645-07 File ID: V819875.D
 Sampled: 08/14/20 12:20 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 20:54
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BH01423 Sequence: Y0H2610 Calibration: YH00023 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U

Laboratory: York Analytical Laboratories, Inc. SDG: 20H0645
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Water Laboratory ID: 20H0645-07 File ID: V819875.D
 Sampled: 08/14/20 12:20 Prepared: 08/25/20 09:30 Analyzed: 08/25/20 20:54
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BH01423 Sequence: Y0H2610 Calibration: YH00023 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	9.79	97.9	69 - 130	
SURR: Toluene-d8	10.0	9.98	99.8	81 - 117	
SURR: p-Bromofluorobenzene	10.0	10.6	106	79 - 122	

* Values outside of QC limits

York Analytical Laboratories, Inc.

ASP A Deliverable

SDG: 20H0645

CLASS: METALS

METHOD: EPA 6010D

DATA PACKAGE COVER PAGE

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.

SDG: 20H0645

Client: Fuss & O'Neill, Inc.

Project: 20040181.B3N Former Hudson Wire Mill

Client Sample Id:

1611200814-01

1611200814-02

1611200814-03

1611200814-04

1611200814-05

1611200814-06

Lab Sample Id:

20H0645-01

20H0645-02

20H0645-03

20H0645-04

20H0645-05

20H0645-06

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature:



Name:

Benjamin Gulizia

Date:

9/22/2020

Title:

Laboratory Director

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0645Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0645-01File ID: qbi082120aRE 1-027Sampled: 08/14/20 09:31Prepared: 08/19/20 14:02Analyzed: 08/21/20 14:34Solids: 0.00Preparation: EPA 3015AInitial/Final: 45 mL / 50 mLBatch: BH01065Sequence: Y0H2107Calibration: UNASSIGNEDInstrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-47-3	Chromium	0.0387	1		EPA 6010D
7440-47-3	Chromium (dissolved)	0.0246	1		EPA 6010D
7440-50-8	Copper	0.0384	1	B	EPA 6010D
7440-50-8	Copper (dissolved)	0.0222	1	U	EPA 6010D
7439-92-1	Lead	0.0417	1		EPA 6010D
7439-92-1	Lead (dissolved)	0.00556	1	U	EPA 6010D
7440-02-0	Nickel	0.0111	1	U	EPA 6010D
7440-02-0	Nickel (dissolved)	0.0111	1	U	EPA 6010D
7440-22-4	Silver	0.0221	1		EPA 6010D
7440-22-4	Silver (dissolved)	0.00556	1	U	EPA 6010D

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0645Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0645-02File ID: qbi082120aRE_1-028Sampled: 08/14/20 10:03Prepared: 08/19/20 14:02Analyzed: 08/21/20 14:37Solids: 0.00Preparation: EPA 3015AInitial/Final: 45 mL / 50 mLBatch: BH01065Sequence: Y0H2107Calibration: UNASSIGNEDInstrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-47-3	Chromium	0.00556	1	U	EPA 6010D
7440-47-3	Chromium (dissolved)	0.00556	1	U	EPA 6010D
7440-50-8	Copper	0.0222	1	U	EPA 6010D
7440-50-8	Copper (dissolved)	0.0222	1	U	EPA 6010D
7439-92-1	Lead	0.00556	1	U	EPA 6010D
7439-92-1	Lead (dissolved)	0.00556	1	U	EPA 6010D
7440-02-0	Nickel	0.0111	1	U	EPA 6010D
7440-02-0	Nickel (dissolved)	0.0111	1	U	EPA 6010D
7440-22-4	Silver	0.00556	1	U	EPA 6010D
7440-22-4	Silver (dissolved)	0.00556	1	U	EPA 6010D

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0645Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0645-03File ID: qbi082120aRE_1-029Sampled: 08/14/20 10:42Prepared: 08/19/20 14:02Analyzed: 08/21/20 14:41Solids: 0.00Preparation: EPA 3015AInitial/Final: 45 mL / 50 mLBatch: BH01065Sequence: Y0H2107Calibration: UNASSIGNEDInstrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-47-3	Chromium	0.00556	1	U	EPA 6010D
7440-47-3	Chromium (dissolved)	0.00556	1	U	EPA 6010D
7440-50-8	Copper	0.0222	1	U	EPA 6010D
7440-50-8	Copper (dissolved)	0.0222	1	U	EPA 6010D
7439-92-1	Lead	0.00556	1	U	EPA 6010D
7439-92-1	Lead (dissolved)	0.00556	1	U	EPA 6010D
7440-02-0	Nickel	0.0111	1	U	EPA 6010D
7440-02-0	Nickel (dissolved)	0.0111	1	U	EPA 6010D
7440-22-4	Silver	0.00556	1	U	EPA 6010D
7440-22-4	Silver (dissolved)	0.00556	1	U	EPA 6010D

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0645Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0645-04File ID: qbi082120aRE_1-030Sampled: 08/14/20 10:58Prepared: 08/19/20 14:02Analyzed: 08/21/20 14:44Solids: 0.00Preparation: EPA 3015AInitial/Final: 45 mL / 50 mLBatch: BH01065Sequence: Y0H2107Calibration: UNASSIGNEDInstrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-47-3	Chromium	0.0662	1		EPA 6010D
7440-50-8	Copper	0.0591	1	B	EPA 6010D
7439-92-1	Lead	0.0313	1		EPA 6010D
7440-02-0	Nickel	0.0447	1		EPA 6010D
7440-22-4	Silver	0.00556	1	U	EPA 6010D

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0645Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0645-05File ID: qbi082120aRE_1-033Sampled: 08/14/20 11:52Prepared: 08/19/20 14:02Analyzed: 08/21/20 14:52Solids: 0.00Preparation: EPA 3015AInitial/Final: 45 mL / 50 mLBatch: BH01065Sequence: Y0H2107Calibration: UNASSIGNEDInstrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-47-3	Chromium	0.0547	1		EPA 6010D
7440-47-3	Chromium (dissolved)	0.00556	1	U	EPA 6010D
7440-50-8	Copper	0.234	1	B	EPA 6010D
7440-50-8	Copper (dissolved)	0.0222	1	U	EPA 6010D
7439-92-1	Lead	1.12	1		EPA 6010D
7439-92-1	Lead (dissolved)	0.00556	1	U	EPA 6010D
7440-02-0	Nickel	0.0220	1		EPA 6010D
7440-02-0	Nickel (dissolved)	0.0111	1	U	EPA 6010D
7440-22-4	Silver	0.00565	1		EPA 6010D
7440-22-4	Silver (dissolved)	0.00556	1	U	EPA 6010D

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0645Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0645-06File ID: qbi082120aRE_1-034Sampled: 08/14/20 09:33Prepared: 08/19/20 14:02Analyzed: 08/21/20 14:55Solids: 0.00Preparation: EPA 3015AInitial/Final: 45 mL / 50 mLBatch: BH01065Sequence: Y0H2107Calibration: UNASSIGNEDInstrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-47-3	Chromium	0.0321	1		EPA 6010D
7440-47-3	Chromium (dissolved)	0.0269	1		EPA 6010D
7440-50-8	Copper	0.0222	1	U	EPA 6010D
7440-50-8	Copper (dissolved)	0.0222	1	U	EPA 6010D
7439-92-1	Lead	0.00556	1	U	EPA 6010D
7439-92-1	Lead (dissolved)	0.00556	1	U	EPA 6010D
7440-02-0	Nickel	0.0111	1	U	EPA 6010D
7440-02-0	Nickel (dissolved)	0.0111	1	U	EPA 6010D
7440-22-4	Silver	0.0137	1		EPA 6010D
7440-22-4	Silver (dissolved)	0.00556	1	U	EPA 6010D

York Analytical Laboratories, Inc.

ASP A Deliverable

SDG: 20H0645

CLASS: HG

METHOD: EPA 7473

DATA PACKAGE COVER PAGE

EPA 7473

Laboratory: York Analytical Laboratories, Inc.

SDG: 20H0645

Client: Fuss & O'Neill, Inc.

Project: 20040181.B3N Former Hudson Wire Mill

Client Sample Id:

1611200814-01

1611200814-02

1611200814-03

1611200814-04

1611200814-05

1611200814-06

Lab Sample Id:

20H0645-01

20H0645-02

20H0645-03

20H0645-04

20H0645-05

20H0645-06

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature:



Name:

Benjamin Gulizia

Date:

9/22/2020

Title:

Laboratory Director

EPA 7473

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0645Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0645-01File ID: QBHGDMA80-01 081820A-033Sampled: 08/14/20 09:31Prepared: 08/18/20 17:27Analyzed: 08/18/20 20:17Solids: 0.00Preparation: EPA 7473 waterInitial/Final: 0.25 mL / 0.25 mLBatch: BH01001Sequence: Y0H1918Calibration: UNASSIGNEDInstrument: DMA 80-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.00020	1	U	EPA 7473
7439-97-6	Mercury (dissolved)	0.0002000	1	U	EPA 7473

EPA 7473

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0645Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0645-02File ID: QBHGDMA80-01 081820A-034Sampled: 08/14/20 10:03Prepared: 08/18/20 17:27Analyzed: 08/18/20 21:07Solids: 0.00Preparation: EPA 7473 waterInitial/Final: 0.25 mL / 0.25 mLBatch: BH01001Sequence: Y0H1918Calibration: UNASSIGNEDInstrument: DMA 80-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.00020	1	U	EPA 7473
7439-97-6	Mercury (dissolved)	0.0002000	1	U	EPA 7473

EPA 7473

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0645Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0645-03File ID: QBHGDMA80-01 081820A-035Sampled: 08/14/20 10:42Prepared: 08/18/20 17:27Analyzed: 08/18/20 21:16Solids: 0.00Preparation: EPA 7473 waterInitial/Final: 0.25 mL / 0.25 mLBatch: BH01001Sequence: Y0H1918Calibration: UNASSIGNEDInstrument: DMA 80-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.00020	1	U	EPA 7473
7439-97-6	Mercury (dissolved)	0.0002000	1	U	EPA 7473

EPA 7473

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0645Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0645-04File ID: QBHGDMA80-01 081820A-036Sampled: 08/14/20 10:58Prepared: 08/18/20 17:27Analyzed: 08/18/20 21:26Solids: 0.00Preparation: EPA 7473 waterInitial/Final: 0.25 mL / 0.25 mLBatch: BH01001Sequence: Y0H1918Calibration: UNASSIGNEDInstrument: DMA 80-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.00020	1	U	EPA 7473

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0645Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0645-05File ID: QBHGDMA80-01 081820A-037Sampled: 08/14/20 11:52Prepared: 08/18/20 17:27Analyzed: 08/18/20 21:36Solids: 0.00Preparation: EPA 7473 waterInitial/Final: 0.25 mL / 0.25 mLBatch: BH01001Sequence: Y0H1918Calibration: UNASSIGNEDInstrument: DMA 80-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.00020	1	U	EPA 7473
7439-97-6	Mercury (dissolved)	0.0002000	1	U	EPA 7473

EPA 7473

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0645Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0645-06File ID: QBHGDMA80-01 081820A-038Sampled: 08/14/20 09:33Prepared: 08/18/20 17:27Analyzed: 08/18/20 21:47Solids: 0.00Preparation: EPA 7473 waterInitial/Final: 0.25 mL / 0.25 mLBatch: BH01001Sequence: Y0H1918Calibration: UNASSIGNEDInstrument: DMA 80-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.00020	1	U	EPA 7473
7439-97-6	Mercury (dissolved)	0.0002000	1	U	EPA 7473

York Analytical Laboratories, Inc.

ASP A Deliverable

SDG: 20H0645

CLASS: WET

METHOD: SM 4500 CN C/E

DATA PACKAGE COVER PAGE

SM 4500 CN C/E

Laboratory: York Analytical Laboratories, Inc.

SDG: 20H0645

Client: Fuss & O'Neill, Inc.

Project: 20040181.B3N Former Hudson Wire Mill

Client Sample Id:

1611200814-02

1611200814-03

Lab Sample Id:

20H0645-02

20H0645-03

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature:



Name:

Benjamin Gulizia

Date:

9/22/2020

Title:

Laboratory Director

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0645Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0645-02

File ID:

Sampled: 08/14/20 10:03Prepared: 08/19/20 14:17Analyzed: 08/19/20 20:25Solids: 0.00Preparation: Analysis PreparationInitial/Final: 50 mL / 50 mLBatch: BH01069

Sequence:

Calibration:

Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.0100	1	U	SM 4500 CN C/E

Laboratory: York Analytical Laboratories, Inc.SDG: 20H0645Client: Fuss & O'Neill, Inc.Project: 20040181.B3N Former Hudson Wire MillMatrix: WaterLaboratory ID: 20H0645-03

File ID:

Sampled: 08/14/20 10:42Prepared: 08/19/20 14:17Analyzed: 08/19/20 20:25Solids: 0.00Preparation: Analysis PreparationInitial/Final: 50 mL / 50 mLBatch: BH01069

Sequence:

Calibration:

Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.0100	1	U	SM 4500 CN C/E



ANALYTICAL REPORT

Lab Number:	L2154029
Client:	C.T. Male Associates 12 Raymond Ave Poughkeepsie, NY 12603
ATTN:	Kristine Garbarino
Phone:	(885) 454-4400
Project Name:	WIRE MILL
Project Number:	21.1622
Report Date:	10/21/21

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Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154029
Report Date: 10/21/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2154029-01	SB-24	WATER	62 WATER ST., OSSINING, NY	10/05/21 11:15	10/05/21
L2154029-02	SB-02	WATER	62 WATER ST., OSSINING, NY	10/05/21 13:55	10/05/21
L2154029-03	TRIP BLANK	WATER	62 WATER ST., OSSINING, NY	10/05/21 00:00	10/05/21
L2154029-04	FIELD BLANK	WATER	62 WATER ST., OSSINING, NY	10/05/21 14:55	10/05/21

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154029
Report Date: 10/21/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154029
Report Date: 10/21/21

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The analysis of Total Cyanide was subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Sample Receipt

L2154029-01: A sample container identified as "SB-24", for Total Cyanide analysis, was listed on the Chain of Custody, but not received. This was verified by the client.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Caitlin Walukevich

Title: Technical Director/Representative

Date: 10/21/21

ORGANICS

VOLATILES

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154029
Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2154029-01
 Client ID: SB-24
 Sample Location: 62 WATER ST., OSSINING, NY

Date Collected: 10/05/21 11:15
 Date Received: 10/05/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/15/21 21:16
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	1.3		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.10	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	1.5		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154029
Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2154029-01
Client ID: SB-24
Sample Location: 62 WATER ST., OSSINING, NY

Date Collected: 10/05/21 11:15
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	2.6		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.0	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154029
Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2154029-02
Client ID: SB-02
Sample Location: 62 WATER ST., OSSINING, NY

Date Collected: 10/05/21 13:55
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/15/21 21:40
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	1.0		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	1.2		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154029
Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2154029-02
 Client ID: SB-02
 Sample Location: 62 WATER ST., OSSINING, NY

Date Collected: 10/05/21 13:55
 Date Received: 10/05/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.3	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154029
Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2154029-03
Client ID: TRIP BLANK
Sample Location: 62 WATER ST., OSSINING, NY

Date Collected: 10/05/21 00:00
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/16/21 10:45
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154029
Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2154029-03
 Client ID: TRIP BLANK
 Sample Location: 62 WATER ST., OSSINING, NY

Date Collected: 10/05/21 00:00
 Date Received: 10/05/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	104		70-130

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154029
Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2154029-04
 Client ID: FIELD BLANK
 Sample Location: 62 WATER ST., OSSINING, NY

Date Collected: 10/05/21 14:55
 Date Received: 10/05/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/16/21 11:12
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154029
Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2154029-04
 Client ID: FIELD BLANK
 Sample Location: 62 WATER ST., OSSINING, NY

Date Collected: 10/05/21 14:55
 Date Received: 10/05/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	108		70-130

Project Name: WIRE MILL

Lab Number: L2154029

Project Number: 21.1622

Report Date: 10/21/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/15/21 19:41
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1559538-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154029
Report Date: 10/21/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/15/21 19:41
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1559538-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: WIRE MILL**Lab Number:** L2154029**Project Number:** 21.1622**Report Date:** 10/21/21**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 10/15/21 19:41
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1559538-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	101		70-130

Project Name: WIRE MILL

Lab Number: L2154029

Project Number: 21.1622

Report Date: 10/21/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/16/21 10:18
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-04 Batch: WG1559827-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: WIRE MILL

Lab Number: L2154029

Project Number: 21.1622

Report Date: 10/21/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/16/21 10:18
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-04 Batch: WG1559827-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: WIRE MILL**Lab Number:** L2154029**Project Number:** 21.1622**Report Date:** 10/21/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 10/16/21 10:18
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-04 Batch: WG1559827-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	106		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: WIRE MILL

Project Number: 21.1622

Lab Number: L2154029

Report Date: 10/21/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1559538-3 WG1559538-4								
Methylene chloride	97		97		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	94		95		63-132	1		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	96		99		63-130	3		20
1,1,2-Trichloroethane	100		110		70-130	10		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	94		94		67-130	0		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	98		100		70-130	2		20
Bromoform	89		94		54-136	5		20
1,1,2,2-Tetrachloroethane	100		110		67-130	10		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	95		94		64-130	1		20
Bromomethane	80		83		39-139	4		20
Vinyl chloride	98		98		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: WIRE MILL

Lab Number: L2154029

Project Number: 21.1622

Report Date: 10/21/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1559538-3 WG1559538-4								
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	98		98		70-130	0		20
Trichloroethene	110		110		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	110		120		63-130	9		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	96		96		70-130	0		20
Styrene	100		105		70-130	5		20
Dichlorodifluoromethane	77		78		36-147	1		20
Acetone	140		150	Q	58-148	7		20
Carbon disulfide	99		99		51-130	0		20
2-Butanone	130		140	Q	63-138	7		20
4-Methyl-2-pentanone	120		120		59-130	0		20
2-Hexanone	140	Q	150	Q	57-130	7		20
Bromochloromethane	100		100		70-130	0		20
1,2-Dibromoethane	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	110		120		41-144	9		20
Isopropylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	110		110		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: WIRE MILL

Project Number: 21.1622

Lab Number: L2154029

Report Date: 10/21/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1559538-3 WG1559538-4								
1,2,4-Trichlorobenzene	100		110		70-130	10		20
Methyl Acetate	120		130		70-130	8		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	164	Q	170	Q	56-162	4		20
Freon-113	110		110		70-130	0		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	111		111		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	97		96		70-130
Dibromofluoromethane	97		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: WIRE MILL

Project Number: 21.1622

Lab Number: L2154029

Report Date: 10/21/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 Batch: WG1559827-3 WG1559827-4								
Methylene chloride	93		93		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	110		100		70-130	10		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	110		100		75-130	10		20
Trichlorofluoromethane	120		110		62-150	9		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	100		110		67-130	10		20
Bromodichloromethane	100		98		67-130	2		20
trans-1,3-Dichloropropene	98		99		70-130	1		20
cis-1,3-Dichloropropene	99		99		70-130	0		20
Bromoform	100		98		54-136	2		20
1,1,2,2-Tetrachloroethane	100		110		67-130	10		20
Benzene	100		100		70-130	0		20
Toluene	100		98		70-130	2		20
Ethylbenzene	99		100		70-130	1		20
Chloromethane	90		88		64-130	2		20
Bromomethane	94		88		39-139	7		20
Vinyl chloride	96		95		55-140	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: WIRE MILL

Project Number: 21.1622

Lab Number: L2154029

Report Date: 10/21/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 Batch: WG1559827-3 WG1559827-4								
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	98		98		70-130	0		20
Trichloroethene	98		97		70-130	1		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	110		110		63-130	0		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		100		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	105		100		70-130	5		20
Dichlorodifluoromethane	72		69		36-147	4		20
Acetone	86		83		58-148	4		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	120		130		63-138	8		20
4-Methyl-2-pentanone	110		110		59-130	0		20
2-Hexanone	110		110		57-130	0		20
Bromochloromethane	110		100		70-130	10		20
1,2-Dibromoethane	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	94		100		41-144	6		20
Isopropylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: WIRE MILL

Project Number: 21.1622

Lab Number: L2154029

Report Date: 10/21/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 Batch: WG1559827-3 WG1559827-4								
1,2,4-Trichlorobenzene	100		100		70-130	0		20
Methyl Acetate	99		100		70-130	1		20
Cyclohexane	120		110		70-130	9		20
1,4-Dioxane	62		80		56-162	25	Q	20
Freon-113	120		110		70-130	9		20
Methyl cyclohexane	110		110		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	113		116		70-130
Toluene-d8	103		100		70-130
4-Bromofluorobenzene	101		101		70-130
Dibromofluoromethane	106		105		70-130

METALS

Project Name: WIRE MILL

Lab Number: L2154029

Project Number: 21.1622

Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2154029-01

Date Collected: 10/05/21 11:15

Client ID: SB-24

Date Received: 10/05/21

Sample Location: 62 WATER ST., OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0679		mg/l	0.0100	0.00327	1	10/07/21 15:24	10/08/21 12:13	EPA 3005A	1,6020B	CD
Antimony, Dissolved	0.00159	J	mg/l	0.00400	0.00042	1	10/07/21 15:24	10/08/21 12:13	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00031	J	mg/l	0.00050	0.00016	1	10/07/21 15:24	10/08/21 12:13	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.1075		mg/l	0.00050	0.00017	1	10/07/21 15:24	10/08/21 12:13	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/07/21 15:24	10/08/21 12:13	EPA 3005A	1,6020B	CD
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/07/21 15:24	10/08/21 12:13	EPA 3005A	1,6020B	CD
Calcium, Dissolved	101.		mg/l	0.100	0.0394	1	10/07/21 15:24	10/08/21 12:13	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00029	J	mg/l	0.00100	0.00017	1	10/07/21 15:24	10/08/21 12:13	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.00061		mg/l	0.00050	0.00016	1	10/07/21 15:24	10/08/21 12:13	EPA 3005A	1,6020B	CD
Copper, Dissolved	0.00537		mg/l	0.00100	0.00038	1	10/07/21 15:24	10/08/21 12:13	EPA 3005A	1,6020B	CD
Iron, Dissolved	0.0858		mg/l	0.0500	0.0191	1	10/07/21 15:24	10/08/21 12:13	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/07/21 15:24	10/08/21 12:13	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	41.1		mg/l	0.0700	0.0242	1	10/07/21 15:24	10/08/21 12:13	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.07788		mg/l	0.00100	0.00044	1	10/07/21 15:24	10/08/21 12:13	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/07/21 16:13	10/09/21 11:50	EPA 7470A	1,7470A	NB
Nickel, Dissolved	0.00383		mg/l	0.00200	0.00055	1	10/07/21 15:24	10/08/21 12:13	EPA 3005A	1,6020B	CD
Potassium, Dissolved	7.07		mg/l	0.100	0.0309	1	10/07/21 15:24	10/08/21 12:13	EPA 3005A	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/07/21 15:24	10/08/21 12:13	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/07/21 15:24	10/08/21 12:13	EPA 3005A	1,6020B	CD
Sodium, Dissolved	61.0		mg/l	0.200	0.0293	1	10/07/21 15:24	10/08/21 12:13	EPA 3005A	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/07/21 15:24	10/08/21 12:13	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	0.00255	J	mg/l	0.00500	0.00157	1	10/07/21 15:24	10/08/21 12:13	EPA 3005A	1,6020B	CD
Zinc, Dissolved	0.00944	J	mg/l	0.01000	0.00341	1	10/07/21 15:24	10/08/21 12:13	EPA 3005A	1,6020B	CD



Project Name: WIRE MILL

Lab Number: L2154029

Project Number: 21.1622

Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2154029-02

Date Collected: 10/05/21 13:55

Client ID: SB-02

Date Received: 10/05/21

Sample Location: 62 WATER ST., OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0154		mg/l	0.0100	0.00327	1	10/07/21 15:24	10/08/21 13:26	EPA 3005A	1,6020B	CD
Antimony, Dissolved	0.00063	J	mg/l	0.00400	0.00042	1	10/07/21 15:24	10/08/21 13:26	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00025	J	mg/l	0.00050	0.00016	1	10/07/21 15:24	10/08/21 13:26	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.03223		mg/l	0.00050	0.00017	1	10/07/21 15:24	10/08/21 13:26	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/07/21 15:24	10/08/21 13:26	EPA 3005A	1,6020B	CD
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/07/21 15:24	10/08/21 13:26	EPA 3005A	1,6020B	CD
Calcium, Dissolved	25.4		mg/l	0.100	0.0394	1	10/07/21 15:24	10/08/21 13:26	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00620		mg/l	0.00100	0.00017	1	10/07/21 15:24	10/08/21 13:26	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.00288		mg/l	0.00050	0.00016	1	10/07/21 15:24	10/08/21 13:26	EPA 3005A	1,6020B	CD
Copper, Dissolved	0.00373		mg/l	0.00100	0.00038	1	10/07/21 15:24	10/08/21 13:26	EPA 3005A	1,6020B	CD
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	10/07/21 15:24	10/08/21 13:26	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/07/21 15:24	10/08/21 13:26	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	7.56		mg/l	0.0700	0.0242	1	10/07/21 15:24	10/08/21 13:26	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.00768		mg/l	0.00100	0.00044	1	10/07/21 15:24	10/08/21 13:26	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/07/21 16:13	10/09/21 12:04	EPA 7470A	1,7470A	NB
Nickel, Dissolved	0.01472		mg/l	0.00200	0.00055	1	10/07/21 15:24	10/08/21 13:26	EPA 3005A	1,6020B	CD
Potassium, Dissolved	2.70		mg/l	0.100	0.0309	1	10/07/21 15:24	10/08/21 13:26	EPA 3005A	1,6020B	CD
Selenium, Dissolved	0.00593		mg/l	0.00500	0.00173	1	10/07/21 15:24	10/08/21 13:26	EPA 3005A	1,6020B	CD
Silver, Dissolved	0.00170		mg/l	0.00040	0.00016	1	10/07/21 15:24	10/08/21 13:26	EPA 3005A	1,6020B	CD
Sodium, Dissolved	202.		mg/l	0.200	0.0293	1	10/07/21 15:24	10/08/21 13:26	EPA 3005A	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/07/21 15:24	10/08/21 13:26	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/07/21 15:24	10/08/21 13:26	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/07/21 15:24	10/08/21 13:26	EPA 3005A	1,6020B	CD



Project Name: WIRE MILL

Lab Number: L2154029

Project Number: 21.1622

Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2154029-04

Date Collected: 10/05/21 14:55

Client ID: FIELD BLANK

Date Received: 10/05/21

Sample Location: 62 WATER ST., OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	10/07/21 15:24	10/08/21 12:47	EPA 3005A	1,6020B	CD
Antimony, Dissolved	0.00060	J	mg/l	0.00400	0.00042	1	10/07/21 15:24	10/08/21 12:47	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	10/07/21 15:24	10/08/21 12:47	EPA 3005A	1,6020B	CD
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	10/07/21 15:24	10/08/21 12:47	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/07/21 15:24	10/08/21 12:47	EPA 3005A	1,6020B	CD
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/07/21 15:24	10/08/21 12:47	EPA 3005A	1,6020B	CD
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	10/07/21 15:24	10/08/21 12:47	EPA 3005A	1,6020B	CD
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	10/07/21 15:24	10/08/21 12:47	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	10/07/21 15:24	10/08/21 12:47	EPA 3005A	1,6020B	CD
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/07/21 15:24	10/08/21 12:47	EPA 3005A	1,6020B	CD
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	10/07/21 15:24	10/08/21 12:47	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/07/21 15:24	10/08/21 12:47	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	10/07/21 15:24	10/08/21 12:47	EPA 3005A	1,6020B	CD
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	10/07/21 15:24	10/08/21 12:47	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/07/21 16:13	10/09/21 12:08	EPA 7470A	1,7470A	NB
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	10/07/21 15:24	10/08/21 12:47	EPA 3005A	1,6020B	CD
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	10/07/21 15:24	10/08/21 12:47	EPA 3005A	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/07/21 15:24	10/08/21 12:47	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/07/21 15:24	10/08/21 12:47	EPA 3005A	1,6020B	CD
Sodium, Dissolved	ND		mg/l	0.200	0.0293	1	10/07/21 15:24	10/08/21 12:47	EPA 3005A	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/07/21 15:24	10/08/21 12:47	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/07/21 15:24	10/08/21 12:47	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/07/21 15:24	10/08/21 12:47	EPA 3005A	1,6020B	CD



Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154029
Report Date: 10/21/21

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-02,04 Batch: WG1555198-1									
Aluminum, Dissolved	ND	mg/l	0.0100	0.00327	1	10/07/21 15:24	10/08/21 11:13	1,6020B	CD
Antimony, Dissolved	ND	mg/l	0.00400	0.00042	1	10/07/21 15:24	10/08/21 11:13	1,6020B	CD
Arsenic, Dissolved	ND	mg/l	0.00050	0.00016	1	10/07/21 15:24	10/08/21 11:13	1,6020B	CD
Barium, Dissolved	ND	mg/l	0.00050	0.00017	1	10/07/21 15:24	10/08/21 11:13	1,6020B	CD
Beryllium, Dissolved	ND	mg/l	0.00050	0.00010	1	10/07/21 15:24	10/08/21 11:13	1,6020B	CD
Cadmium, Dissolved	ND	mg/l	0.00020	0.00005	1	10/07/21 15:24	10/08/21 11:13	1,6020B	CD
Calcium, Dissolved	ND	mg/l	0.100	0.0394	1	10/07/21 15:24	10/08/21 11:13	1,6020B	CD
Chromium, Dissolved	ND	mg/l	0.00100	0.00017	1	10/07/21 15:24	10/08/21 11:13	1,6020B	CD
Cobalt, Dissolved	ND	mg/l	0.00050	0.00016	1	10/07/21 15:24	10/08/21 11:13	1,6020B	CD
Copper, Dissolved	ND	mg/l	0.00100	0.00038	1	10/07/21 15:24	10/08/21 11:13	1,6020B	CD
Iron, Dissolved	ND	mg/l	0.0500	0.0191	1	10/07/21 15:24	10/08/21 11:13	1,6020B	CD
Lead, Dissolved	ND	mg/l	0.00100	0.00034	1	10/07/21 15:24	10/08/21 11:13	1,6020B	CD
Magnesium, Dissolved	ND	mg/l	0.0700	0.0242	1	10/07/21 15:24	10/08/21 11:13	1,6020B	CD
Manganese, Dissolved	ND	mg/l	0.00100	0.00044	1	10/07/21 15:24	10/08/21 11:13	1,6020B	CD
Nickel, Dissolved	ND	mg/l	0.00200	0.00055	1	10/07/21 15:24	10/08/21 11:13	1,6020B	CD
Potassium, Dissolved	ND	mg/l	0.100	0.0309	1	10/07/21 15:24	10/08/21 11:13	1,6020B	CD
Selenium, Dissolved	ND	mg/l	0.00500	0.00173	1	10/07/21 15:24	10/08/21 11:13	1,6020B	CD
Silver, Dissolved	ND	mg/l	0.00040	0.00016	1	10/07/21 15:24	10/08/21 11:13	1,6020B	CD
Sodium, Dissolved	ND	mg/l	0.200	0.0293	1	10/07/21 15:24	10/08/21 11:13	1,6020B	CD
Thallium, Dissolved	ND	mg/l	0.00100	0.00014	1	10/07/21 15:24	10/08/21 11:13	1,6020B	CD
Vanadium, Dissolved	ND	mg/l	0.00500	0.00157	1	10/07/21 15:24	10/08/21 11:13	1,6020B	CD
Zinc, Dissolved	ND	mg/l	0.01000	0.00341	1	10/07/21 15:24	10/08/21 11:13	1,6020B	CD

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-02,04 Batch: WG1555202-1									
Mercury, Dissolved	ND	mg/l	0.00020	0.00009	1	10/07/21 16:13	10/09/21 11:30	1,7470A	NB



Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154029
Report Date: 10/21/21

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: WIRE MILL

Project Number: 21.1622

Lab Number: L2154029

Report Date: 10/21/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02,04 Batch: WG1555198-2								
Aluminum, Dissolved	101		-		80-120	-		
Antimony, Dissolved	86		-		80-120	-		
Arsenic, Dissolved	105		-		80-120	-		
Barium, Dissolved	102		-		80-120	-		
Beryllium, Dissolved	101		-		80-120	-		
Cadmium, Dissolved	100		-		80-120	-		
Calcium, Dissolved	88		-		80-120	-		
Chromium, Dissolved	98		-		80-120	-		
Cobalt, Dissolved	96		-		80-120	-		
Copper, Dissolved	99		-		80-120	-		
Iron, Dissolved	95		-		80-120	-		
Lead, Dissolved	100		-		80-120	-		
Magnesium, Dissolved	104		-		80-120	-		
Manganese, Dissolved	99		-		80-120	-		
Nickel, Dissolved	93		-		80-120	-		
Potassium, Dissolved	104		-		80-120	-		
Selenium, Dissolved	105		-		80-120	-		
Silver, Dissolved	102		-		80-120	-		
Sodium, Dissolved	102		-		80-120	-		
Thallium, Dissolved	100		-		80-120	-		
Vanadium, Dissolved	99		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: WIRE MILL

Project Number: 21.1622

Lab Number: L2154029

Report Date: 10/21/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02,04 Batch: WG1555198-2					
Zinc, Dissolved	108	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02,04 Batch: WG1555202-2					
Mercury, Dissolved	97	-	80-120	-	

Matrix Spike Analysis Batch Quality Control

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154029
Report Date: 10/21/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MS Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02,04 QC Batch ID: WG1555198-3 WG1555198-4 QC Sample: L2154020-01 Client ID: MS Sample												
Aluminum, Dissolved	0.175	2	2.26	104		2.35	109		75-125	4		20
Antimony, Dissolved	0.00146J	0.5	0.5563	111		0.5200	104		75-125	7		20
Arsenic, Dissolved	0.00410	0.12	0.1286	104		0.1338	108		75-125	4		20
Barium, Dissolved	0.1169	2	2.128	100		2.135	101		75-125	0		20
Beryllium, Dissolved	ND	0.05	0.05055	101		0.04777	96		75-125	6		20
Cadmium, Dissolved	ND	0.053	0.05056	95		0.05065	96		75-125	0		20
Calcium, Dissolved	129.	10	151	220	Q	155	260	Q	75-125	3		20
Chromium, Dissolved	0.00041J	0.2	0.1969	98		0.1994	100		75-125	1		20
Cobalt, Dissolved	0.00062	0.5	0.4942	99		0.5079	101		75-125	3		20
Copper, Dissolved	0.00046J	0.25	0.2420	97		0.2506	100		75-125	3		20
Iron, Dissolved	0.114	1	1.04	93		1.08	97		75-125	4		20
Lead, Dissolved	ND	0.53	0.5196	98		0.5276	100		75-125	2		20
Magnesium, Dissolved	61.5	10	71.5	100		73.4	119		75-125	3		20
Manganese, Dissolved	0.2109	0.5	0.7297	104		0.7502	108		75-125	3		20
Nickel, Dissolved	0.01191	0.5	0.4825	94		0.4986	97		75-125	3		20
Potassium, Dissolved	52.8	10	67.2	144	Q	69.6	168	Q	75-125	4		20
Selenium, Dissolved	ND	0.12	0.130	108		0.126	105		75-125	3		20
Silver, Dissolved	ND	0.05	0.04960	99		0.05005	100		75-125	1		20
Sodium, Dissolved	884.	10	876	0	Q	888	40	Q	75-125	1		20
Thallium, Dissolved	0.00019J	0.12	0.1187	99		0.1199	100		75-125	1		20
Vanadium, Dissolved	0.01217	0.5	0.5121	100		0.5172	101		75-125	1		20

Matrix Spike Analysis Batch Quality Control

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154029
Report Date: 10/21/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02,04 QC Batch ID: WG1555198-3 WG1555198-4 QC Sample: L2154020-01 Client ID: MS Sample									
Zinc, Dissolved	ND	0.5	0.5272	105	0.5379	108	75-125	2	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02,04 QC Batch ID: WG1555202-3 WG1555202-4 QC Sample: L2154020-01 Client ID: MS Sample									
Mercury, Dissolved	ND	0.005	0.00478	96	0.00484	97	75-125	1	20

Project Name: WIRE MILL

Project Number: 21.1622

**Lab Serial Dilution
Analysis
Batch Quality Control**

Lab Number: L2154029

Report Date: 10/21/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02,04 QC Batch ID: WG1555198-6 QC Sample: L2154020-01 Client ID: DUP Sample						
Barium, Dissolved	0.1169	0.1098	mg/l	6		20
Calcium, Dissolved	129.	142.	mg/l	10		20
Magnesium, Dissolved	61.5	61.5	mg/l	0		20
Manganese, Dissolved	0.2109	0.2359	mg/l	12		20
Potassium, Dissolved	52.8	57.0	mg/l	8		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02,04 QC Batch ID: WG1555198-6 QC Sample: L2154020-01 Client ID: DUP Sample						
Sodium, Dissolved	884.	899.	mg/l	2		20

Project Name: WIRE MILL
Project Number: 21.1622

Serial_No:10212113:33
Lab Number: L2154029
Report Date: 10/21/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2154029-01A	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2154029-01B	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2154029-01C	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2154029-01D	Plastic 250ml unpreserved	A	7	7	3.2	Y	Absent		-
L2154029-01X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.2	Y	Absent		V-6020S(180),CU-6020S(180),K-6020S(180),SE-6020S(180),MN-6020S(180),MG-6020S(180),CO-6020S(180),ZN-6020S(180),BE-6020S(180),FE-6020S(180),CR-6020S(180),CA-6020S(180),TL-6020S(180),PB-6020S(180),NA-6020S(180),BA-6020S(180),NI-6020S(180),AG-6020S(180),SB-6020S(180),AS-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)
L2154029-02A	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2154029-02B	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2154029-02C	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2154029-02D	Plastic 250ml unpreserved	A	7	7	3.2	Y	Absent		-
L2154029-02E	Plastic 250ml NaOH preserved	A	>12	>12	3.2	Y	Absent		SUB-TCN(14)
L2154029-02X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.2	Y	Absent		SE-6020S(180),K-6020S(180),CU-6020S(180),V-6020S(180),MN-6020S(180),MG-6020S(180),CO-6020S(180),ZN-6020S(180),BE-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),NA-6020S(180),TL-6020S(180),NI-6020S(180),BA-6020S(180),PB-6020S(180),SB-6020S(180),AS-6020S(180),AG-6020S(180),HG-S(28),CD-6020S(180),AL-6020S(180)
L2154029-03A	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2154029-03B	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2154029-03C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days



Project Name: WIRE MILL
Project Number: 21.1622

Serial_No:10212113:33
Lab Number: L2154029
Report Date: 10/21/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2154029-04A	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2154029-04B	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2154029-04C	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2154029-04D	Plastic 250ml unpreserved	A	7	7	3.2	Y	Absent		-
L2154029-04E	Plastic 250ml NaOH preserved	A	>12	>12	3.2	Y	Absent		SUB-TCN(14)
L2154029-04X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.2	Y	Absent		SE-6020S(180),V-6020S(180),CU-6020S(180),K-6020S(180),MN-6020S(180),MG-6020S(180),CO-6020S(180),BE-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),PB-6020S(180),NI-6020S(180),NA-6020S(180),BA-6020S(180),TL-6020S(180),AG-6020S(180),SB-6020S(180),AS-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)

*Values in parentheses indicate holding time in days



Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154029
Report Date: 10/21/21

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154029
Report Date: 10/21/21

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154029
Report Date: 10/21/21

Data Qualifiers

- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154029
Report Date: 10/21/21

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page	Date Rec'd in Lab	ALPHA Job #									
		1 of 1	10/5/21	L2134029									
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information		Deliverables	Billing Information								
Client Information		Project Name: <u>Wire Mill</u>		<input type="checkbox"/> ASP-A	<input checked="" type="checkbox"/> ASP-B								
Client: <u>C.T. Male</u>		Project Location: <u>62 Water St, Ossining, NY</u>		<input type="checkbox"/> EQUIS (1 File)	<input checked="" type="checkbox"/> EQUIS (4 File)								
Address: <u>50 Century Hill, Latham, NY, 12110</u>		Project # <u>211622</u>		<input type="checkbox"/> Other	<input checked="" type="checkbox"/> Same as Client Info								
Phone: <u>518-786-7400</u>		(Use Project name as Project #) <input type="checkbox"/>		Regulatory Requirement									
Fax:		Project Manager: <u>Kristhe Garburino</u>		<input type="checkbox"/> NY TOGS	<input type="checkbox"/> NY Part 375								
Email: <u>K. Garburino @ctmale.com</u>		ALPHAQuote #:		<input type="checkbox"/> AWQ Standards	<input type="checkbox"/> NY CP-51								
Turn-Around Time		Standard <input checked="" type="checkbox"/> Due Date:		<input type="checkbox"/> NY Restricted Use	<input type="checkbox"/> Other								
Rush (only if pre approved) <input type="checkbox"/>		# of Days:		<input type="checkbox"/> NY Unrestricted Use	Disposal Site Information								
These samples have been previously analyzed by Alpha <input type="checkbox"/>		Other project specific requirements/comments:		<input type="checkbox"/> NYC Sewer Discharge									
Please specify Metals or TAL.		Please send sample results to <u>K. Garburino @ctmale.com</u>		Please identify below location of applicable disposal facilities.									
				Disposal Facility:									
				<input type="checkbox"/> NJ <input type="checkbox"/> NY									
				<input type="checkbox"/> Other:									
				ANALYSIS									
				Sample Filtration									
				<input type="checkbox"/> Done									
				<input type="checkbox"/> Lab to do									
				Preservation									
				<input type="checkbox"/> Lab to do									
				(Please Specify below)									
				Sample Specific Comments									
				Total Bottles									
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	TCL	VOCs	Dissolved TAL metals	Dissolved Hg - EPA 2470 A	Total Cyanide - SM 4500			
		Date	Time										
54029-01	SB-24	10/5	11 15	GW	AM	X	X	X	X			4	
-02	SB-02	10/5	13 55	GW	AM	X	X	X	X			5	
-03	trip blank	10/5		GW	AM	X						2	
-04	Field blank	10/5	14 55	GW	AM	X	X	X	X			5	
Preservative Code:		Container Code		Westboro: Certification No: MA935		Container Type		Preservative		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)			
A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Mansfield: Certification No: MA015		V	P	P	P				B
Relinquished By:		Date/Time		Received By:		Date/Time							
Alex K... 10/5/21 1515		10/5/21 1515		Paul Maggella 10/5/21 1730		10/5/21 1730							
Paul Maggella 10/5/21 2300		10/5/21 2300		John Wan 10/5/21 2300		10/5/21 2300							



Thursday, October 21, 2021

Attn: Melissa Deyo
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Project ID: L2154029
SDG ID: GCJ55577
Sample ID#s: CJ55577 - CJ55578

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Sample Id Cross Reference

October 21, 2021

SDG I.D.: GCJ55577

Project ID: L2154029

Client Id	Lab Id	Matrix
SB-02	CJ55577	WATER
FIELD BLANK	CJ55578	WATER



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 21, 2021

FOR: Attn: Melissa Deyo
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information

Matrix: WATER
Location Code: ALPHA
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

10/05/21

10/14/21

Time

13:55

11:00

Laboratory Data

SDG ID: GCJ55577
Phoenix ID: CJ55577

Project ID: L2154029
Client ID: SB-02

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Cyanide	< 0.010	0.010	mg/L	1	10/19/21	A/B/G	E335.4R1

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

October 21, 2021

Reviewed and Released by: Ethan Lee, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 21, 2021

FOR: Attn: Melissa Deyo
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information

Matrix: WATER
Location Code: ALPHA
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

10/05/21
10/14/21

Time

14:55
11:00

Laboratory Data

SDG ID: GCJ55577
Phoenix ID: CJ55578

Project ID: L2154029
Client ID: FIELD BLANK

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Cyanide	< 0.010	0.010	mg/L	1	10/19/21	A/B/G	E335.4R1

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

October 21, 2021

Reviewed and Released by: Ethan Lee, Project Manager



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QA/QC Report

October 21, 2021


QA/QC Data

SDG I.D.: GCJ55577

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 596437 (mg/L), QC Sample No: CJ52952 (CJ55577, CJ55578)													
Total Cyanide	BRL	0.010	<0.010	<0.010	NC	90.8			94.5			90 - 110	20
Comment:													
Additional: LCS acceptance range is 80-120% for soils MS acceptance range 75-125% for soils													

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference


Phyllis Shiller, Laboratory Director
October 21, 2021

Sample Criteria Exceedances Report

GCJ55577 - ALPHA

Thursday, October 21, 2021
Criteria: None
State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedances. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedance information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



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Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Comments

October 21, 2021

SDG I.D.: GCJ55577

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823




NY Temperature Narration

October 21, 2021

SDG I.D.: GCJ55577

The samples in this delivery group were received at 1.1°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

	Subcontract Chain of Custody Phoenix Environmental Laboratories 587 East Middle Turnpike Manchester, CT 06040	1.1 over 1.9 Alpha Job Number L2154029
Regulatory Requirements/Report Limits		
Project Information		
Client: Alpha Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019 Phone: 716.427.5229 Email: mdeyo@alphalab.com	Project Location: NY Project Manager: Melissa Deyo Turnaround & Deliverables Information Due Date: 10/19/21 Deliverables:	State/Federal Program: NYDOH Regulatory Criteria:
Project Specific Requirements and/or Report Requirements		
Reference following Alpha Job Number on final report/deliverables: L2154029		Report to include Method Blank, LCS/LCSD:
Additional Comments: Send all results/reports to subreports@alphalab.com		
Lab ID	Client ID	Batch QC
55577 55578	SB-02 FIELD BLANK	
Collection Date/Time	Sample Matrix	Analysis
10-05-21 13:55 10-05-21 14:55	WATER WATER	Total Cyanide EPA 4500 Total Cyanide EPA 4500
Relinquished By:	Date/Time:	Received By:
MOT... AS...	10/14/21 10:43	10/14/21 11:06
Form No: AL_subcoc		



ANALYTICAL REPORT

Lab Number:	L2154524
Client:	C.T. Male Associates 12 Raymond Ave Poughkeepsie, NY 12603
ATTN:	Kristine Garbarino
Phone:	(885) 454-4400
Project Name:	WIRE MILL
Project Number:	21.1622
Report Date:	10/25/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2154524-01	SB-39	WATER	62 WATER ST, OSSINING, NY	10/06/21 11:45	10/06/21
L2154524-02	SB-39S	WATER	62 WATER ST, OSSINING, NY	10/06/21 12:20	10/06/21
L2154524-03	SB-05-CN	WATER	62 WATER ST, OSSINING, NY	10/06/21 10:00	10/06/21
L2154524-04	SB-38	WATER	62 WATER ST, OSSINING, NY	10/06/21 14:00	10/06/21
L2154524-05	SB-26	WATER	62 WATER ST, OSSINING, NY	10/06/21 09:15	10/06/21
L2154524-06	SB-30	WATER	62 WATER ST, OSSINING, NY	10/06/21 10:45	10/06/21
L2154524-07	SB-05	WATER	62 WATER ST, OSSINING, NY	10/06/21 13:10	10/06/21
L2154524-08	GW-02	WATER	62 WATER ST, OSSINING, NY	10/06/21 13:00	10/06/21
L2154524-09	GW-01	WATER	62 WATER ST, OSSINING, NY	10/06/21 12:55	10/06/21
L2154524-10	SB-01	WATER	62 WATER ST, OSSINING, NY	10/05/21 14:30	10/06/21
L2154524-11	SB-23	WATER	62 WATER ST, OSSINING, NY	10/05/21 12:25	10/06/21
L2154524-12	TRIP BLANK	WATER	62 WATER ST, OSSINING, NY	10/01/21 00:00	10/06/21
L2154524-13	SB-37	WATER	62 WATER ST, OSSINING, NY	10/06/21 16:20	10/06/21

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

Case Narrative (continued)

Report Submission

L2154524-01: At the client's request, the sample was placed on hold.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The analysis of Total Cyanide was subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Volatile Organics

L2154524-07 was received in the proper acid-preserved containers; however, upon analysis, the pH was determined to be greater than 2, and thus the method required holding time was exceeded.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Cristin Walker

Title: Technical Director/Representative

Date: 10/25/21

ORGANICS

VOLATILES

Project Name: WIRE MILL

Lab Number: L2154524

Project Number: 21.1622

Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-02
 Client ID: SB-39S
 Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/06/21 12:20
 Date Received: 10/06/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/16/21 11:53
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	0.19	J	ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.24	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: WIRE MILL

Lab Number: L2154524

Project Number: 21.1622

Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-02
 Client ID: SB-39S
 Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/06/21 12:20
 Date Received: 10/06/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	106		70-130

Project Name: WIRE MILL

Lab Number: L2154524

Project Number: 21.1622

Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-04
 Client ID: SB-38
 Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/06/21 14:00
 Date Received: 10/06/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/16/21 12:16
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.38	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.47	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	0.71	J	ug/l	2.5	0.70	1

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-04
Client ID: SB-38
Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/06/21 14:00
Date Received: 10/06/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	1.2	J	ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	107		70-130

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-05
 Client ID: SB-26
 Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/06/21 09:15
 Date Received: 10/06/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/16/21 12:39
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.47	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.31	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-05
Client ID: SB-26
Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/06/21 09:15
Date Received: 10/06/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	107		70-130

Project Name: WIRE MILL

Lab Number: L2154524

Project Number: 21.1622

Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-06
 Client ID: SB-30
 Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/06/21 10:45
 Date Received: 10/06/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/16/21 13:03
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.18	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.38	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	0.82	J	ug/l	2.5	0.70	1
Trichloroethene	0.46	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-06
Client ID: SB-30
Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/06/21 10:45
Date Received: 10/06/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	0.86	J	ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	108		70-130

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-07
 Client ID: SB-05
 Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/06/21 13:10
 Date Received: 10/06/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/16/21 13:26
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	5.0		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	45		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.86		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.22	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	0.56		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	50		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	5.0		ug/l	2.5	0.70	1

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-07
Client ID: SB-05
Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/06/21 13:10
Date Received: 10/06/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	3.3		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	1.7	J	ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	26		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	67		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	26		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	67		ug/l	5.0	1.0	1
2-Hexanone	6.0		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-08
 Client ID: GW-02
 Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/06/21 13:00
 Date Received: 10/06/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/16/21 13:49
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	1.6	J	ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	7.4		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	6.0		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-08
 Client ID: GW-02
 Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/06/21 13:00
 Date Received: 10/06/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	10		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	107		70-130

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-09
 Client ID: GW-01
 Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/06/21 12:55
 Date Received: 10/06/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/16/21 14:13
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.47	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.54	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.52		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-09
Client ID: GW-01
Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/06/21 12:55
Date Received: 10/06/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	1.4	J	ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	107		70-130

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-10
Client ID: SB-01
Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/05/21 14:30
Date Received: 10/06/21
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/16/21 14:36
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.76		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-10
Client ID: SB-01
Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/05/21 14:30
Date Received: 10/06/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.5	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	106		70-130

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-11
 Client ID: SB-23
 Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/05/21 12:25
 Date Received: 10/06/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/16/21 14:59
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	0.71	J	ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.10	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.19	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-11
Client ID: SB-23
Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/05/21 12:25
Date Received: 10/06/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	18		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	2.0	J	ug/l	5.0	1.9	1
4-Methyl-2-pentanone	3.1	J	ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	106		70-130

Project Name: WIRE MILL

Lab Number: L2154524

Project Number: 21.1622

Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-12
 Client ID: TRIP BLANK
 Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/01/21 00:00
 Date Received: 10/06/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/16/21 11:30
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-12
Client ID: TRIP BLANK
Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/01/21 00:00
Date Received: 10/06/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.4	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	108		70-130

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-13
 Client ID: SB-37
 Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/06/21 16:20
 Date Received: 10/06/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/16/21 15:22
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	1.5	J	ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	8.6		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.84	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	0.36	J	ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	7.9		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-13
 Client ID: SB-37
 Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/06/21 16:20
 Date Received: 10/06/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	3.7		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	107		70-130

Project Name: WIRE MILL

Lab Number: L2154524

Project Number: 21.1622

Report Date: 10/25/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/16/21 09:55
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,04-13 Batch: WG1559690-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/16/21 09:55
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,04-13 Batch: WG1559690-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: WIRE MILL**Lab Number:** L2154524**Project Number:** 21.1622**Report Date:** 10/25/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 10/16/21 09:55
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,04-13 Batch: WG1559690-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: WIRE MILL

Project Number: 21.1622

Lab Number: L2154524

Report Date: 10/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04-13 Batch: WG1559690-3 WG1559690-4								
Methylene chloride	94		96		70-130	2		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	98		100		70-130	2		20
Carbon tetrachloride	94		98		63-132	4		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	94		95		63-130	1		20
1,1,2-Trichloroethane	98		99		70-130	1		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	99		100		75-130	1		20
Trichlorofluoromethane	100		110		62-150	10		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	98		100		67-130	2		20
Bromodichloromethane	92		95		67-130	3		20
trans-1,3-Dichloropropene	97		98		70-130	1		20
cis-1,3-Dichloropropene	95		96		70-130	1		20
Bromoform	87		88		54-136	1		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	99		100		70-130	1		20
Toluene	99		100		70-130	1		20
Ethylbenzene	99		100		70-130	1		20
Chloromethane	96		100		64-130	4		20
Bromomethane	100		100		39-139	0		20
Vinyl chloride	97		100		55-140	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: WIRE MILL

Project Number: 21.1622

Lab Number: L2154524

Report Date: 10/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04-13 Batch: WG1559690-3 WG1559690-4								
Chloroethane	110		120		55-138	9		20
1,1-Dichloroethene	100		110		61-145	10		20
trans-1,2-Dichloroethene	96		99		70-130	3		20
Trichloroethene	97		100		70-130	3		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	100		110		63-130	10		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	95		98		70-130	3		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	80		83		36-147	4		20
Acetone	120		140		58-148	15		20
Carbon disulfide	99		100		51-130	1		20
2-Butanone	120		120		63-138	0		20
4-Methyl-2-pentanone	110		100		59-130	10		20
2-Hexanone	120		120		57-130	0		20
Bromochloromethane	100		100		70-130	0		20
1,2-Dibromoethane	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	99		100		41-144	1		20
Isopropylbenzene	99		100		70-130	1		20
1,2,3-Trichlorobenzene	100		110		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: WIRE MILL

Project Number: 21.1622

Lab Number: L2154524

Report Date: 10/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04-13 Batch: WG1559690-3 WG1559690-4								
1,2,4-Trichlorobenzene	100		100		70-130	0		20
Methyl Acetate	110		110		70-130	0		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	166	Q	156		56-162	6		20
Freon-113	110		110		70-130	0		20
Methyl cyclohexane	99		100		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	109		111		70-130
Toluene-d8	99		97		70-130
4-Bromofluorobenzene	98		97		70-130
Dibromofluoromethane	99		99		70-130

METALS

Project Name: WIRE MILL

Lab Number: L2154524

Project Number: 21.1622

Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-02

Date Collected: 10/06/21 12:20

Client ID: SB-39S

Date Received: 10/06/21

Sample Location: 62 WATER ST, OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	10/13/21 06:37	10/14/21 17:08	EPA 3005A	1,6020B	CD
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	10/13/21 06:37	10/14/21 17:08	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00204		mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 17:08	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.1586		mg/l	0.00050	0.00017	1	10/13/21 06:37	10/14/21 17:08	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/13/21 06:37	10/14/21 17:08	EPA 3005A	1,6020B	CD
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/13/21 06:37	10/14/21 17:08	EPA 3005A	1,6020B	CD
Calcium, Dissolved	126.		mg/l	0.100	0.0394	1	10/13/21 06:37	10/14/21 17:08	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00069	J	mg/l	0.00100	0.00017	1	10/13/21 06:37	10/14/21 17:08	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.00157		mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 17:08	EPA 3005A	1,6020B	CD
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/13/21 06:37	10/14/21 17:08	EPA 3005A	1,6020B	CD
Iron, Dissolved	2.55		mg/l	0.0500	0.0191	1	10/13/21 06:37	10/14/21 17:08	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/13/21 06:37	10/14/21 17:08	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	23.8		mg/l	0.0700	0.0242	1	10/13/21 06:37	10/14/21 17:08	EPA 3005A	1,6020B	CD
Manganese, Dissolved	1.973		mg/l	0.00100	0.00044	1	10/13/21 06:37	10/14/21 17:08	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/13/21 09:44	10/14/21 17:18	EPA 7470A	1,7470A	AC
Nickel, Dissolved	0.00133	J	mg/l	0.00200	0.00055	1	10/13/21 06:37	10/14/21 17:08	EPA 3005A	1,6020B	CD
Potassium, Dissolved	21.5		mg/l	0.100	0.0309	1	10/13/21 06:37	10/14/21 17:08	EPA 3005A	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/13/21 06:37	10/14/21 17:08	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/13/21 06:37	10/14/21 17:08	EPA 3005A	1,6020B	CD
Sodium, Dissolved	84.6		mg/l	0.100	0.0293	1	10/13/21 06:37	10/14/21 17:08	EPA 3005A	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/13/21 06:37	10/14/21 17:08	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/13/21 06:37	10/14/21 17:08	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/13/21 06:37	10/14/21 17:08	EPA 3005A	1,6020B	CD



Project Name: WIRE MILL

Lab Number: L2154524

Project Number: 21.1622

Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-04

Date Collected: 10/06/21 14:00

Client ID: SB-38

Date Received: 10/06/21

Sample Location: 62 WATER ST, OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	10/13/21 06:37	10/14/21 17:13	EPA 3005A	1,6020B	CD
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	10/13/21 06:37	10/14/21 17:13	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00084		mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 17:13	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.04587		mg/l	0.00050	0.00017	1	10/13/21 06:37	10/14/21 17:13	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/13/21 06:37	10/14/21 17:13	EPA 3005A	1,6020B	CD
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/13/21 06:37	10/14/21 17:13	EPA 3005A	1,6020B	CD
Calcium, Dissolved	72.8		mg/l	0.100	0.0394	1	10/13/21 06:37	10/14/21 17:13	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00045	J	mg/l	0.00100	0.00017	1	10/13/21 06:37	10/14/21 17:13	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.00091		mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 17:13	EPA 3005A	1,6020B	CD
Copper, Dissolved	0.00040	J	mg/l	0.00100	0.00038	1	10/13/21 06:37	10/14/21 17:13	EPA 3005A	1,6020B	CD
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	10/13/21 06:37	10/14/21 17:13	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/13/21 06:37	10/14/21 17:13	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	14.3		mg/l	0.0700	0.0242	1	10/13/21 06:37	10/14/21 17:13	EPA 3005A	1,6020B	CD
Manganese, Dissolved	1.865		mg/l	0.00100	0.00044	1	10/13/21 06:37	10/14/21 17:13	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/13/21 09:44	10/14/21 17:21	EPA 7470A	1,7470A	AC
Nickel, Dissolved	0.00260		mg/l	0.00200	0.00055	1	10/13/21 06:37	10/14/21 17:13	EPA 3005A	1,6020B	CD
Potassium, Dissolved	6.35		mg/l	0.100	0.0309	1	10/13/21 06:37	10/14/21 17:13	EPA 3005A	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/13/21 06:37	10/14/21 17:13	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/13/21 06:37	10/14/21 17:13	EPA 3005A	1,6020B	CD
Sodium, Dissolved	138.		mg/l	0.100	0.0293	1	10/13/21 06:37	10/14/21 17:13	EPA 3005A	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/13/21 06:37	10/14/21 17:13	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/13/21 06:37	10/14/21 17:13	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/13/21 06:37	10/14/21 17:13	EPA 3005A	1,6020B	CD



Project Name: WIRE MILL

Lab Number: L2154524

Project Number: 21.1622

Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-05

Date Collected: 10/06/21 09:15

Client ID: SB-26

Date Received: 10/06/21

Sample Location: 62 WATER ST, OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	10/13/21 06:37	10/14/21 18:00	EPA 3005A	1,6020B	CD
Antimony, Dissolved	0.00047	J	mg/l	0.00400	0.00042	1	10/13/21 06:37	10/14/21 18:00	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00017	J	mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 18:00	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.1206		mg/l	0.00050	0.00017	1	10/13/21 06:37	10/14/21 18:00	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/13/21 06:37	10/14/21 18:00	EPA 3005A	1,6020B	CD
Cadmium, Dissolved	0.00010	J	mg/l	0.00020	0.00005	1	10/13/21 06:37	10/14/21 18:00	EPA 3005A	1,6020B	CD
Calcium, Dissolved	122.		mg/l	0.100	0.0394	1	10/13/21 06:37	10/14/21 18:00	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00069	J	mg/l	0.00100	0.00017	1	10/13/21 06:37	10/14/21 18:00	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 18:00	EPA 3005A	1,6020B	CD
Copper, Dissolved	0.00169		mg/l	0.00100	0.00038	1	10/13/21 06:37	10/14/21 18:00	EPA 3005A	1,6020B	CD
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	10/13/21 06:37	10/14/21 18:00	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/13/21 06:37	10/14/21 18:00	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	33.3		mg/l	0.0700	0.0242	1	10/13/21 06:37	10/14/21 18:00	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.00324		mg/l	0.00100	0.00044	1	10/13/21 06:37	10/14/21 18:00	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/13/21 09:44	10/14/21 17:25	EPA 7470A	1,7470A	AC
Nickel, Dissolved	0.00160	J	mg/l	0.00200	0.00055	1	10/13/21 06:37	10/14/21 18:00	EPA 3005A	1,6020B	CD
Potassium, Dissolved	8.88		mg/l	0.100	0.0309	1	10/13/21 06:37	10/14/21 18:00	EPA 3005A	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/13/21 06:37	10/14/21 18:00	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/13/21 06:37	10/14/21 18:00	EPA 3005A	1,6020B	CD
Sodium, Dissolved	369.		mg/l	0.100	0.0293	1	10/13/21 06:37	10/14/21 18:00	EPA 3005A	1,6020B	CD
Thallium, Dissolved	0.00021	J	mg/l	0.00100	0.00014	1	10/13/21 06:37	10/14/21 18:00	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/13/21 06:37	10/14/21 18:00	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/13/21 06:37	10/14/21 18:00	EPA 3005A	1,6020B	CD



Project Name: WIRE MILL

Lab Number: L2154524

Project Number: 21.1622

Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-06

Date Collected: 10/06/21 10:45

Client ID: SB-30

Date Received: 10/06/21

Sample Location: 62 WATER ST, OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00421	J	mg/l	0.0100	0.00327	1	10/13/21 06:37	10/14/21 18:05	EPA 3005A	1,6020B	CD
Antimony, Dissolved	0.00064	J	mg/l	0.00400	0.00042	1	10/13/21 06:37	10/14/21 18:05	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00151		mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 18:05	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.04217		mg/l	0.00050	0.00017	1	10/13/21 06:37	10/14/21 18:05	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/13/21 06:37	10/14/21 18:05	EPA 3005A	1,6020B	CD
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/13/21 06:37	10/14/21 18:05	EPA 3005A	1,6020B	CD
Calcium, Dissolved	38.7		mg/l	0.100	0.0394	1	10/13/21 06:37	10/14/21 18:05	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00371		mg/l	0.00100	0.00017	1	10/13/21 06:37	10/14/21 18:05	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.00242		mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 18:05	EPA 3005A	1,6020B	CD
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/13/21 06:37	10/14/21 18:05	EPA 3005A	1,6020B	CD
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	10/13/21 06:37	10/14/21 18:05	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/13/21 06:37	10/14/21 18:05	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	8.33		mg/l	0.0700	0.0242	1	10/13/21 06:37	10/14/21 18:05	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.2149		mg/l	0.00100	0.00044	1	10/13/21 06:37	10/14/21 18:05	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/13/21 09:44	10/14/21 17:28	EPA 7470A	1,7470A	AC
Nickel, Dissolved	0.00933		mg/l	0.00200	0.00055	1	10/13/21 06:37	10/14/21 18:05	EPA 3005A	1,6020B	CD
Potassium, Dissolved	5.03		mg/l	0.100	0.0309	1	10/13/21 06:37	10/14/21 18:05	EPA 3005A	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/13/21 06:37	10/14/21 18:05	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/13/21 06:37	10/14/21 18:05	EPA 3005A	1,6020B	CD
Sodium, Dissolved	109.		mg/l	0.100	0.0293	1	10/13/21 06:37	10/14/21 18:05	EPA 3005A	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/13/21 06:37	10/14/21 18:05	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/13/21 06:37	10/14/21 18:05	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/13/21 06:37	10/14/21 18:05	EPA 3005A	1,6020B	CD



Project Name: WIRE MILL

Lab Number: L2154524

Project Number: 21.1622

Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-07

Date Collected: 10/06/21 13:10

Client ID: SB-05

Date Received: 10/06/21

Sample Location: 62 WATER ST, OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0126		mg/l	0.0100	0.00327	1	10/13/21 06:37	10/14/21 18:10	EPA 3005A	1,6020B	CD
Antimony, Dissolved	0.00091	J	mg/l	0.00400	0.00042	1	10/13/21 06:37	10/14/21 18:10	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00207		mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 18:10	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.3286		mg/l	0.00050	0.00017	1	10/13/21 06:37	10/14/21 18:10	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/13/21 06:37	10/14/21 18:10	EPA 3005A	1,6020B	CD
Cadmium, Dissolved	0.00013	J	mg/l	0.00020	0.00005	1	10/13/21 06:37	10/14/21 18:10	EPA 3005A	1,6020B	CD
Calcium, Dissolved	31.7		mg/l	0.100	0.0394	1	10/13/21 06:37	10/14/21 18:10	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00241		mg/l	0.00100	0.00017	1	10/13/21 06:37	10/14/21 18:10	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.05616		mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 18:10	EPA 3005A	1,6020B	CD
Copper, Dissolved	0.4587		mg/l	0.00100	0.00038	1	10/13/21 06:37	10/14/21 18:10	EPA 3005A	1,6020B	CD
Iron, Dissolved	0.207		mg/l	0.0500	0.0191	1	10/13/21 06:37	10/14/21 18:10	EPA 3005A	1,6020B	CD
Lead, Dissolved	0.01204		mg/l	0.00100	0.00034	1	10/13/21 06:37	10/14/21 18:10	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	35.8		mg/l	0.0700	0.0242	1	10/13/21 06:37	10/14/21 18:10	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.2056		mg/l	0.00100	0.00044	1	10/13/21 06:37	10/14/21 18:10	EPA 3005A	1,6020B	CD
Mercury, Dissolved	0.00039		mg/l	0.00020	0.00009	1	10/13/21 09:44	10/14/21 17:31	EPA 7470A	1,7470A	AC
Nickel, Dissolved	0.5938		mg/l	0.00200	0.00055	1	10/13/21 06:37	10/14/21 18:10	EPA 3005A	1,6020B	CD
Potassium, Dissolved	1180		mg/l	5.00	1.54	50	10/13/21 06:37	10/14/21 21:17	EPA 3005A	1,6020B	CD
Selenium, Dissolved	0.00252	J	mg/l	0.00500	0.00173	1	10/13/21 06:37	10/14/21 18:10	EPA 3005A	1,6020B	CD
Silver, Dissolved	0.02280		mg/l	0.00040	0.00016	1	10/13/21 06:37	10/14/21 18:10	EPA 3005A	1,6020B	CD
Sodium, Dissolved	813.		mg/l	5.00	1.46	50	10/13/21 06:37	10/14/21 21:17	EPA 3005A	1,6020B	CD
Thallium, Dissolved	0.00022	J	mg/l	0.00100	0.00014	1	10/13/21 06:37	10/14/21 18:10	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	0.00278	J	mg/l	0.00500	0.00157	1	10/13/21 06:37	10/14/21 18:10	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/13/21 06:37	10/14/21 18:10	EPA 3005A	1,6020B	CD



Project Name: WIRE MILL

Lab Number: L2154524

Project Number: 21.1622

Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-08

Date Collected: 10/06/21 13:00

Client ID: GW-02

Date Received: 10/06/21

Sample Location: 62 WATER ST, OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0120		mg/l	0.0100	0.00327	1	10/13/21 06:37	10/14/21 18:15	EPA 3005A	1,6020B	CD
Antimony, Dissolved	0.00117	J	mg/l	0.00400	0.00042	1	10/13/21 06:37	10/14/21 18:15	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00108		mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 18:15	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.08186		mg/l	0.00050	0.00017	1	10/13/21 06:37	10/14/21 18:15	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/13/21 06:37	10/14/21 18:15	EPA 3005A	1,6020B	CD
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/13/21 06:37	10/14/21 18:15	EPA 3005A	1,6020B	CD
Calcium, Dissolved	72.9		mg/l	0.100	0.0394	1	10/13/21 06:37	10/14/21 18:15	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00886		mg/l	0.00100	0.00017	1	10/13/21 06:37	10/14/21 18:15	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.00052		mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 18:15	EPA 3005A	1,6020B	CD
Copper, Dissolved	0.00943		mg/l	0.00100	0.00038	1	10/13/21 06:37	10/14/21 18:15	EPA 3005A	1,6020B	CD
Iron, Dissolved	0.0234	J	mg/l	0.0500	0.0191	1	10/13/21 06:37	10/14/21 18:15	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/13/21 06:37	10/14/21 18:15	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	14.8		mg/l	0.0700	0.0242	1	10/13/21 06:37	10/14/21 18:15	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.00524		mg/l	0.00100	0.00044	1	10/13/21 06:37	10/14/21 18:15	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/13/21 09:44	10/14/21 17:41	EPA 7470A	1,7470A	AC
Nickel, Dissolved	0.00298		mg/l	0.00200	0.00055	1	10/13/21 06:37	10/14/21 18:15	EPA 3005A	1,6020B	CD
Potassium, Dissolved	8.36		mg/l	0.100	0.0309	1	10/13/21 06:37	10/14/21 18:15	EPA 3005A	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/13/21 06:37	10/14/21 18:15	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/13/21 06:37	10/14/21 18:15	EPA 3005A	1,6020B	CD
Sodium, Dissolved	150.		mg/l	0.100	0.0293	1	10/13/21 06:37	10/14/21 18:15	EPA 3005A	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/13/21 06:37	10/14/21 18:15	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/13/21 06:37	10/14/21 18:15	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/13/21 06:37	10/14/21 18:15	EPA 3005A	1,6020B	CD



Project Name: WIRE MILL

Lab Number: L2154524

Project Number: 21.1622

Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-09

Date Collected: 10/06/21 12:55

Client ID: GW-01

Date Received: 10/06/21

Sample Location: 62 WATER ST, OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00795	J	mg/l	0.0100	0.00327	1	10/13/21 06:37	10/14/21 19:42	EPA 3005A	1,6020B	CD
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	10/13/21 06:37	10/14/21 19:42	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00078		mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 19:42	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.1217		mg/l	0.00050	0.00017	1	10/13/21 06:37	10/14/21 19:42	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/13/21 06:37	10/14/21 19:42	EPA 3005A	1,6020B	CD
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/13/21 06:37	10/14/21 19:42	EPA 3005A	1,6020B	CD
Calcium, Dissolved	85.9		mg/l	0.100	0.0394	1	10/13/21 06:37	10/14/21 19:42	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00105		mg/l	0.00100	0.00017	1	10/13/21 06:37	10/14/21 19:42	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.00017	J	mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 19:42	EPA 3005A	1,6020B	CD
Copper, Dissolved	0.00103		mg/l	0.00100	0.00038	1	10/13/21 06:37	10/14/21 19:42	EPA 3005A	1,6020B	CD
Iron, Dissolved	0.0308	J	mg/l	0.0500	0.0191	1	10/13/21 06:37	10/14/21 19:42	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/13/21 06:37	10/14/21 19:42	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	23.1		mg/l	0.0700	0.0242	1	10/13/21 06:37	10/14/21 19:42	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.04509		mg/l	0.00100	0.00044	1	10/13/21 06:37	10/14/21 19:42	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/13/21 09:44	10/14/21 17:45	EPA 7470A	1,7470A	AC
Nickel, Dissolved	0.00167	J	mg/l	0.00200	0.00055	1	10/13/21 06:37	10/14/21 19:42	EPA 3005A	1,6020B	CD
Potassium, Dissolved	17.6		mg/l	0.100	0.0309	1	10/13/21 06:37	10/14/21 19:42	EPA 3005A	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/13/21 06:37	10/14/21 19:42	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/13/21 06:37	10/14/21 19:42	EPA 3005A	1,6020B	CD
Sodium, Dissolved	212.		mg/l	0.100	0.0293	1	10/13/21 06:37	10/14/21 19:42	EPA 3005A	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/13/21 06:37	10/14/21 19:42	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/13/21 06:37	10/14/21 19:42	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/13/21 06:37	10/14/21 19:42	EPA 3005A	1,6020B	CD



Project Name: WIRE MILL

Lab Number: L2154524

Project Number: 21.1622

Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-10

Date Collected: 10/05/21 14:30

Client ID: SB-01

Date Received: 10/06/21

Sample Location: 62 WATER ST, OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0256		mg/l	0.0100	0.00327	1	10/13/21 06:37	10/14/21 19:47	EPA 3005A	1,6020B	CD
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	10/13/21 06:37	10/14/21 19:47	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 19:47	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.06180		mg/l	0.00050	0.00017	1	10/13/21 06:37	10/14/21 19:47	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/13/21 06:37	10/14/21 19:47	EPA 3005A	1,6020B	CD
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/13/21 06:37	10/14/21 19:47	EPA 3005A	1,6020B	CD
Calcium, Dissolved	55.1		mg/l	0.100	0.0394	1	10/13/21 06:37	10/14/21 19:47	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00123		mg/l	0.00100	0.00017	1	10/13/21 06:37	10/14/21 19:47	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.00016	J	mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 19:47	EPA 3005A	1,6020B	CD
Copper, Dissolved	0.00236		mg/l	0.00100	0.00038	1	10/13/21 06:37	10/14/21 19:47	EPA 3005A	1,6020B	CD
Iron, Dissolved	0.0372	J	mg/l	0.0500	0.0191	1	10/13/21 06:37	10/14/21 19:47	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/13/21 06:37	10/14/21 19:47	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	15.1		mg/l	0.0700	0.0242	1	10/13/21 06:37	10/14/21 19:47	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.00123		mg/l	0.00100	0.00044	1	10/13/21 06:37	10/14/21 19:47	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/13/21 09:44	10/14/21 17:48	EPA 7470A	1,7470A	AC
Nickel, Dissolved	0.00167	J	mg/l	0.00200	0.00055	1	10/13/21 06:37	10/14/21 19:47	EPA 3005A	1,6020B	CD
Potassium, Dissolved	5.03		mg/l	0.100	0.0309	1	10/13/21 06:37	10/14/21 19:47	EPA 3005A	1,6020B	CD
Selenium, Dissolved	0.00318	J	mg/l	0.00500	0.00173	1	10/13/21 06:37	10/14/21 19:47	EPA 3005A	1,6020B	CD
Silver, Dissolved	0.00048		mg/l	0.00040	0.00016	1	10/13/21 06:37	10/14/21 19:47	EPA 3005A	1,6020B	CD
Sodium, Dissolved	244.		mg/l	0.100	0.0293	1	10/13/21 06:37	10/14/21 19:47	EPA 3005A	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/13/21 06:37	10/14/21 19:47	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/13/21 06:37	10/14/21 19:47	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/13/21 06:37	10/14/21 19:47	EPA 3005A	1,6020B	CD



Project Name: WIRE MILL

Lab Number: L2154524

Project Number: 21.1622

Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-11

Date Collected: 10/05/21 12:25

Client ID: SB-23

Date Received: 10/06/21

Sample Location: 62 WATER ST, OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0294		mg/l	0.0100	0.00327	1	10/13/21 06:37	10/14/21 19:51	EPA 3005A	1,6020B	CD
Antimony, Dissolved	0.00200	J	mg/l	0.00400	0.00042	1	10/13/21 06:37	10/14/21 19:51	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00906		mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 19:51	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.04274		mg/l	0.00050	0.00017	1	10/13/21 06:37	10/14/21 19:51	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/13/21 06:37	10/14/21 19:51	EPA 3005A	1,6020B	CD
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/13/21 06:37	10/14/21 19:51	EPA 3005A	1,6020B	CD
Calcium, Dissolved	132.		mg/l	0.100	0.0394	1	10/13/21 06:37	10/14/21 19:51	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00394		mg/l	0.00100	0.00017	1	10/13/21 06:37	10/14/21 19:51	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.01764		mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 19:51	EPA 3005A	1,6020B	CD
Copper, Dissolved	0.00243		mg/l	0.00100	0.00038	1	10/13/21 06:37	10/14/21 19:51	EPA 3005A	1,6020B	CD
Iron, Dissolved	0.292		mg/l	0.0500	0.0191	1	10/13/21 06:37	10/14/21 19:51	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/13/21 06:37	10/14/21 19:51	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	45.4		mg/l	0.0700	0.0242	1	10/13/21 06:37	10/14/21 19:51	EPA 3005A	1,6020B	CD
Manganese, Dissolved	3.335		mg/l	0.00100	0.00044	1	10/13/21 06:37	10/14/21 19:51	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/13/21 09:44	10/14/21 17:51	EPA 7470A	1,7470A	AC
Nickel, Dissolved	0.5713		mg/l	0.00200	0.00055	1	10/13/21 06:37	10/14/21 19:51	EPA 3005A	1,6020B	CD
Potassium, Dissolved	13.7		mg/l	0.100	0.0309	1	10/13/21 06:37	10/14/21 19:51	EPA 3005A	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/13/21 06:37	10/14/21 19:51	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/13/21 06:37	10/14/21 19:51	EPA 3005A	1,6020B	CD
Sodium, Dissolved	153.		mg/l	0.100	0.0293	1	10/13/21 06:37	10/14/21 19:51	EPA 3005A	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/13/21 06:37	10/14/21 19:51	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/13/21 06:37	10/14/21 19:51	EPA 3005A	1,6020B	CD
Zinc, Dissolved	0.00458	J	mg/l	0.01000	0.00341	1	10/13/21 06:37	10/14/21 19:51	EPA 3005A	1,6020B	CD



Project Name: WIRE MILL

Lab Number: L2154524

Project Number: 21.1622

Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2154524-13

Date Collected: 10/06/21 16:20

Client ID: SB-37

Date Received: 10/06/21

Sample Location: 62 WATER ST, OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	10/13/21 06:37	10/14/21 19:56	EPA 3005A	1,6020B	CD
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	10/13/21 06:37	10/14/21 19:56	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00244		mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 19:56	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.1523		mg/l	0.00050	0.00017	1	10/13/21 06:37	10/14/21 19:56	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/13/21 06:37	10/14/21 19:56	EPA 3005A	1,6020B	CD
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/13/21 06:37	10/14/21 19:56	EPA 3005A	1,6020B	CD
Calcium, Dissolved	89.6		mg/l	0.100	0.0394	1	10/13/21 06:37	10/14/21 19:56	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00054	J	mg/l	0.00100	0.00017	1	10/13/21 06:37	10/14/21 19:56	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.00072		mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 19:56	EPA 3005A	1,6020B	CD
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/13/21 06:37	10/14/21 19:56	EPA 3005A	1,6020B	CD
Iron, Dissolved	0.168		mg/l	0.0500	0.0191	1	10/13/21 06:37	10/14/21 19:56	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/13/21 06:37	10/14/21 19:56	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	22.1		mg/l	0.0700	0.0242	1	10/13/21 06:37	10/14/21 19:56	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.8400		mg/l	0.00100	0.00044	1	10/13/21 06:37	10/14/21 19:56	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/13/21 09:44	10/14/21 17:54	EPA 7470A	1,7470A	AC
Nickel, Dissolved	0.00202		mg/l	0.00200	0.00055	1	10/13/21 06:37	10/14/21 19:56	EPA 3005A	1,6020B	CD
Potassium, Dissolved	7.30		mg/l	0.100	0.0309	1	10/13/21 06:37	10/14/21 19:56	EPA 3005A	1,6020B	CD
Selenium, Dissolved	0.00174	J	mg/l	0.00500	0.00173	1	10/13/21 06:37	10/14/21 19:56	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/13/21 06:37	10/14/21 19:56	EPA 3005A	1,6020B	CD
Sodium, Dissolved	241.		mg/l	0.100	0.0293	1	10/13/21 06:37	10/14/21 19:56	EPA 3005A	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/13/21 06:37	10/14/21 19:56	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/13/21 06:37	10/14/21 19:56	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/13/21 06:37	10/14/21 19:56	EPA 3005A	1,6020B	CD



Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 02,04-11,13 Batch: WG1556247-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Chromium, Dissolved	0.00058	J	mg/l	0.00100	0.00017	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Thallium, Dissolved	0.00018	J	mg/l	0.00100	0.00014	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 02,04-11,13 Batch: WG1556249-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/13/21 09:44	10/14/21 17:02	1,7470A	AC



Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: WIRE MILL

Lab Number: L2154524

Project Number: 21.1622

Report Date: 10/25/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Dissolved Metals - Mansfield Lab Associated sample(s): 02,04-11,13 Batch: WG1556247-2								
Aluminum, Dissolved	100		-		80-120	-		
Antimony, Dissolved	88		-		80-120	-		
Arsenic, Dissolved	102		-		80-120	-		
Barium, Dissolved	101		-		80-120	-		
Beryllium, Dissolved	104		-		80-120	-		
Cadmium, Dissolved	102		-		80-120	-		
Calcium, Dissolved	104		-		80-120	-		
Chromium, Dissolved	99		-		80-120	-		
Cobalt, Dissolved	98		-		80-120	-		
Copper, Dissolved	100		-		80-120	-		
Iron, Dissolved	98		-		80-120	-		
Lead, Dissolved	103		-		80-120	-		
Magnesium, Dissolved	104		-		80-120	-		
Manganese, Dissolved	97		-		80-120	-		
Nickel, Dissolved	95		-		80-120	-		
Potassium, Dissolved	99		-		80-120	-		
Selenium, Dissolved	103		-		80-120	-		
Silver, Dissolved	104		-		80-120	-		
Sodium, Dissolved	104		-		80-120	-		
Thallium, Dissolved	107		-		80-120	-		
Vanadium, Dissolved	98		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: WIRE MILL

Project Number: 21.1622

Lab Number: L2154524

Report Date: 10/25/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 02,04-11,13 Batch: WG1556247-2					
Zinc, Dissolved	105	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 02,04-11,13 Batch: WG1556249-2					
Mercury, Dissolved	99	-	80-120	-	

Matrix Spike Analysis Batch Quality Control

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 02,04-11,13 QC Batch ID: WG1556247-7 WG1556247-8 QC Sample: L2100009-402 Client ID: MS Sample												
Aluminum, Dissolved	0.0469	2	2.00	98		2.09	102		75-125	4		20
Antimony, Dissolved	0.00054J	0.5	0.4662	93		0.4560	91		75-125	2		20
Arsenic, Dissolved	0.00113	0.12	0.1284	106		0.1271	105		75-125	1		20
Barium, Dissolved	0.02427	2	2.051	101		2.069	102		75-125	1		20
Beryllium, Dissolved	ND	0.05	0.05228	104		0.05157	103		75-125	1		20
Cadmium, Dissolved	ND	0.053	0.05517	104		0.05436	102		75-125	1		20
Calcium, Dissolved	17.4	10	27.2	98		28.4	110		75-125	4		20
Chromium, Dissolved	0.00095J	0.2	0.1990	100		0.1998	100		75-125	0		20
Cobalt, Dissolved	ND	0.5	0.4955	99		0.5064	101		75-125	2		20
Copper, Dissolved	0.00074J	0.25	0.2537	101		0.2536	101		75-125	0		20
Iron, Dissolved	0.0271J	1	1.04	104		1.05	105		75-125	1		20
Lead, Dissolved	ND	0.53	0.5432	102		0.5420	102		75-125	0		20
Magnesium, Dissolved	4.70	10	14.9	102		15.3	106		75-125	3		20
Manganese, Dissolved	0.04405	0.5	0.5466	100		0.5376	99		75-125	2		20
Nickel, Dissolved	0.00097J	0.5	0.4718	94		0.4804	96		75-125	2		20
Potassium, Dissolved	3.67	10	13.1	94		13.8	101		75-125	5		20
Selenium, Dissolved	ND	0.12	0.121	101		0.123	102		75-125	2		20
Silver, Dissolved	ND	0.05	0.05174	103		0.05195	104		75-125	0		20
Sodium, Dissolved	86.2	10	89.0	28	Q	93.3	71	Q	75-125	5		20
Thallium, Dissolved	ND	0.12	0.1291	108		0.1284	107		75-125	1		20
Vanadium, Dissolved	ND	0.5	0.4941	99		0.5075	102		75-125	3		20

Matrix Spike Analysis Batch Quality Control

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 02,04-11,13 QC Batch ID: WG1556247-7 WG1556247-8 QC Sample: L2100009-402 Client ID:									
MS Sample									
Zinc, Dissolved	ND	0.5	0.5133	103	0.5099	102	75-125	1	20
Dissolved Metals - Mansfield Lab Associated sample(s): 02,04-11,13 QC Batch ID: WG1556249-3 WG1556249-4 QC Sample: L2100009-410 Client ID:									
MS Sample									
Mercury, Dissolved	ND	0.005	0.00502	100	0.00496	99	75-125	1	20

Project Name: WIRE MILL**Lab Number:** L2154524**Project Number:** 21.1622**Report Date:** 10/25/21**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2154524-01A	Vial HCl preserved	A	NA		2.3	Y	Absent		ARCHIVE()
L2154524-01B	Vial HCl preserved	A	NA		2.3	Y	Absent		ARCHIVE()
L2154524-01C	Vial HCl preserved	A	NA		2.3	Y	Absent		ARCHIVE()
L2154524-01D	Plastic 250ml unpreserved	A	7	7	2.3	Y	Absent		ARCHIVE()
L2154524-02A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-02B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-02C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-02D	Plastic 250ml unpreserved	A	7	7	2.3	Y	Absent		-
L2154524-02X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.3	Y	Absent		K-6020S(180),CU-6020S(180),V-6020S(180),SE-6020S(180),MN-6020S(180),ZN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),TL-6020S(180),NI-6020S(180),BA-6020S(180),NA-6020S(180),PB-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),HG-S(28),CD-6020S(180),AL-6020S(180)
L2154524-03E	Plastic 250ml NaOH preserved	A	>12	>12	2.3	Y	Absent		SUB-TCN-9010(14)
L2154524-04A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-04B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-04C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-04D	Plastic 250ml unpreserved	A	7	7	2.3	Y	Absent		-
L2154524-04E	Plastic 250ml NaOH preserved	A	>12	>12	2.3	Y	Absent		SUB-TCN-9010(14)

Project Name: WIRE MILL
Project Number: 21.1622

Serial_No:10252116:16
Lab Number: L2154524
Report Date: 10/25/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2154524-04X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.3	Y	Absent		SE-6020S(180),K-6020S(180),V-6020S(180),CU-6020S(180),MN-6020S(180),ZN-6020S(180),MG-6020S(180),BE-6020S(180),CO-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),NA-6020S(180),BA-6020S(180),PB-6020S(180),TL-6020S(180),NI-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)
L2154524-05A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-05B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-05C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-05D	Plastic 250ml unpreserved	A	7	7	2.3	Y	Absent		-
L2154524-05X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.3	Y	Absent		CU-6020S(180),K-6020S(180),V-6020S(180),SE-6020S(180),MN-6020S(180),CO-6020S(180),BE-6020S(180),MG-6020S(180),ZN-6020S(180),CR-6020S(180),FE-6020S(180),CA-6020S(180),NA-6020S(180),PB-6020S(180),NI-6020S(180),TL-6020S(180),BA-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2154524-06A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-06B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-06C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-06D	Plastic 250ml unpreserved	A	7	7	2.3	Y	Absent		-
L2154524-06X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.3	Y	Absent		K-6020S(180),V-6020S(180),SE-6020S(180),CU-6020S(180),MN-6020S(180),BE-6020S(180),MG-6020S(180),ZN-6020S(180),CO-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),NI-6020S(180),NA-6020S(180),TL-6020S(180),BA-6020S(180),PB-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),AL-6020S(180),HG-S(28)
L2154524-07A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-07B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-07C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days



Project Name: WIRE MILL

Lab Number: L2154524

Project Number: 21.1622

Report Date: 10/25/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2154524-07D	Plastic 250ml unpreserved	A	7	7	2.3	Y	Absent		-
L2154524-07X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.3	Y	Absent		CU-6020S(180),K-6020S(180),V-6020S(180),SE-6020S(180),MN-6020S(180),MG-6020S(180),CO-6020S(180),BE-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),NI-6020S(180),PB-6020S(180),NA-6020S(180),BA-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2154524-08A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-08B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-08C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-08D	Plastic 250ml unpreserved	A	7	7	2.3	Y	Absent		-
L2154524-08X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.3	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),MG-6020S(180),CO-6020S(180),ZN-6020S(180),CR-6020S(180),FE-6020S(180),CA-6020S(180),NI-6020S(180),TL-6020S(180),PB-6020S(180),BA-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),HG-S(28),CD-6020S(180)
L2154524-09A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-09B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-09C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-09D	Plastic 250ml unpreserved	A	7	7	2.3	Y	Absent		-
L2154524-09X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.3	Y	Absent		V-6020S(180),K-6020S(180),CU-6020S(180),SE-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),PB-6020S(180),NI-6020S(180),TL-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2154524-10A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-10B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-10C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)

Project Name: WIRE MILL
Project Number: 21.1622

Serial_No:10252116:16
Lab Number: L2154524
Report Date: 10/25/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2154524-10D	Plastic 250ml unpreserved	A	7	7	2.3	Y	Absent		-
L2154524-10E	Plastic 250ml NaOH preserved	A	>12	>12	2.3	Y	Absent		SUB-TCN-9010(14)
L2154524-10X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.3	Y	Absent		SE-6020S(180),CU-6020S(180),K-6020S(180),V-6020S(180),MN-6020S(180),ZN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),PB-6020S(180),BA-6020S(180),TL-6020S(180),NI-6020S(180),NA-6020S(180),AG-6020S(180),SB-6020S(180),AS-6020S(180),AL-6020S(180),HG-S(28),CD-6020S(180)
L2154524-11A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-11B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-11C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-11D	Plastic 250ml unpreserved	A	7	7	2.3	Y	Absent		-
L2154524-11X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.3	Y	Absent		K-6020S(180),SE-6020S(180),CU-6020S(180),V-6020S(180),MN-6020S(180),CO-6020S(180),BE-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),TL-6020S(180),NI-6020S(180),PB-6020S(180),SB-6020S(180),AS-6020S(180),AG-6020S(180),AL-6020S(180),HG-S(28),CD-6020S(180)
L2154524-12A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-12B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-12C	Vial HCl preserved	NA	NA			Y	Absent		-
L2154524-13A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-13B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-13C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2154524-13D	Plastic 250ml unpreserved	A	7	7	2.3	Y	Absent		-

*Values in parentheses indicate holding time in days



Project Name: WIRE MILL
Project Number: 21.1622

Serial_No:10252116:16
Lab Number: L2154524
Report Date: 10/25/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2154524-13X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.3	Y	Absent		V-6020S(180),CU-6020S(180),SE-6020S(180),K-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),ZN-6020S(180),MG-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),NA-6020S(180),PB-6020S(180),BA-6020S(180),NI-6020S(180),TL-6020S(180),SB-6020S(180),AG-6020S(180),AS-6020S(180),AL-6020S(180),HG-S(28),CD-6020S(180)

*Values in parentheses indicate holding time in days



Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

Data Qualifiers

- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154524
Report Date: 10/25/21

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.


EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page	Date Rec'd in Lab <i>10/7/21</i>		ALPHA Job # <i>12154527</i>	
		1 of 2				
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information		Deliverables		
		Project Name: <i>Wire mill</i>		<input type="checkbox"/> ASP-A	<input checked="" type="checkbox"/> ASP-B	
		Project Location: <i>62 Water St, Ossining, NY</i>		<input type="checkbox"/> EQUIS (1 File)	<input checked="" type="checkbox"/> EQUIS (4 File)	
		Project # <i>21.1622</i>		<input type="checkbox"/> Other		
Client Information		(Use Project name as Project #) <input type="checkbox"/>		Regulatory Requirement		
Client: <i>C.T. Male</i>		Project Manager: <i>Kristine Garbarino</i>		<input type="checkbox"/> NY TOGS	<input type="checkbox"/> NY Part 375	
Address: <i>50 Century Hill, Latham, NY, 12110</i>		ALPHAQuote #:		<input type="checkbox"/> AWQ Standards	<input type="checkbox"/> NY CP-51	
Phone: <i>518-786-7400</i>		Turn-Around Time		<input type="checkbox"/> NY Restricted Use	<input type="checkbox"/> Other	
Fax:		Standard <input checked="" type="checkbox"/>	Due Date:	<input type="checkbox"/> NY Unrestricted Use		
Email: <i>kc.garbarino@ctmale.com</i>		Rush (only if pre approved) <input type="checkbox"/>	# of Days:	<input type="checkbox"/> NYC Sewer Discharge		
These samples have been previously analyzed by Alpha <input type="checkbox"/>				ANALYSIS		
Other project specific requirements/comments:				Total Cyanide-SM TAL Metals Dissolved Dissolved Hg - EPA 7470 A TCL VOCs - 8260		
Please specify Metals or TAL.						
				Sample Filtration		
				<input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)		
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Sample Specific Comments
		Date	Time			
<i>59524-01</i>	<i>SB-39</i>	<i>10/6</i>	<i>1145</i>	<i>GW</i>	<i>AM</i>	
<i>-02</i>	<i>SB-39S</i>	<i>10/6</i>	<i>1220</i>	<i>GW</i>	<i>AM</i>	
<i>04</i>	<i>SB-01</i>	<i>10/5</i>	<i>1430</i>	<i>GW</i>	<i>AM</i>	
<i>05</i>	<i>SB-05-CN</i>	<i>10/6</i>	<i>1000</i>	<i>GW</i>	<i>AM</i>	
<i>07</i>	<i>SB-38</i>	<i>10/6</i>	<i>1400</i>	<i>GW</i>	<i>AM</i>	
<i>08</i>	<i>SB-26</i>	<i>10/6</i>	<i>0915</i>	<i>GW</i>	<i>AM</i>	<i>Vial lid broke</i>
<i>06</i>	<i>SB-30</i>	<i>10/6</i>	<i>1045</i>	<i>GW</i>	<i>AM</i>	
<i>08</i>	<i>SB-05</i>	<i>10/5</i>	<i>1310</i>	<i>GW</i>	<i>AM</i>	
<i>08</i>	<i>GW-02</i>	<i>10/6</i>	<i>1300</i>	<i>GW</i>	<i>AM</i>	
<i>09</i>	<i>GW-01</i>	<i>10/6</i>	<i>1255</i>	<i>GW</i>	<i>AM</i>	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative
				P P P V E A A B		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)
				Relinquished By: <i>[Signature]</i> Date/Time: <i>10/6/21 1635</i>		
				Received By: <i>[Signature]</i> Date/Time: <i>10/6/21 1638</i>		
				<i>[Signature]</i> <i>10/6/21 20:40</i> <i>[Signature]</i> <i>10/6/21 23:50</i> <i>[Signature]</i> <i>10/7/21 09:10</i>		

Total Bottles

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	NEW YORK CHAIN OF CUSTODY Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 2 of 2	Date Rec'd in Lab 10/7/21	ALPHA Job # L2154524														
		Project Information Project Name: wire mill Project Location: 62 Water St, Ossining, NY Project # 21.1622		Deliverables: <input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input checked="" type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO #													
Client Information Client: C.T. Male Address: 50 Century Hill, Latham, NY, 12110 Phone: 518-786-7400 Fax: Email: k.garbarino@ctmale.com		(Use Project name as Project #) <input type="checkbox"/> Project Manager: Kristine Garbarino ALPHAQuote #: Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:													
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments:			ANALYSIS			Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)													
Please specify Metals or TAL.			Total Cyanide: Sum 4500 Dissolved TAL: Metals Dissolved Hg: EPA 7470A TCL VOCs: 8260			Total Bottles													
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials														
52524-01	SB-01	10/5	1430	GW	AM		X	X	X	X									
-01	SB-23	10/5	1225	GW	AM			X	X	X									
-02	Trip Blank	10/01	---	---	A					X									
-03	SB-37	10/06	1620	GW	AM		X	X	X										
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type P P P V		Preservative E A A B		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)									
Relinquished By: Alex W...		Date/Time: 10/6/21 1638		Received By: Ch...		Date/Time: 10/6/21 1638		Relinquished By: ...		Date/Time: 10/6/21 2040		Received By: ...		Date/Time: 10/6/21 1923		Relinquished By: ...		Date/Time: 10/7/21 0850	



Monday, October 25, 2021

Attn: Melissa Deyo
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Project ID: L2154524
SDG ID: GCJ58855
Sample ID#s: CJ58855 - CJ58857

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



SDG Comments

October 25, 2021

SDG I.D.: GCJ58855

Version 2: Revised collection date per client



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Sample Id Cross Reference

October 25, 2021

SDG I.D.: GCJ58855

Project ID: L2154524

Client Id	Lab Id	Matrix
SB-05-CN	CJ58855	WATER
SB-38	CJ58856	WATER
SB-01	CJ58857	WATER



Environmental Laboratories, Inc.
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 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 25, 2021

FOR: Attn: Melissa Deyo
 Alpha Analytical Lab
 8 Walkup Drive
 Westborough, MA 01581

Sample Information

Matrix: WATER
 Location Code: ALPHA
 Rush Request: 48 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

10/06/21
 10/15/21

Time

10:00
 14:37

Laboratory Data

SDG ID: GCJ58855
 Phoenix ID: CJ58855

Project ID: L2154524
 Client ID: SB-05-CN

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Cyanide	8.75	0.250	mg/L	25	10/19/21	A/B/G	E335.4R1

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
 BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
 The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

October 25, 2021

Reviewed and Released by: Sarah Bell, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 25, 2021

FOR: Attn: Melissa Deyo
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information

Matrix: WATER
Location Code: ALPHA
Rush Request: 48 Hour
P.O.#:

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

10/06/21
10/15/21

Time

14:00
14:37

Laboratory Data

SDG ID: GCJ58855
Phoenix ID: CJ58856

Project ID: L2154524
Client ID: SB-38

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Cyanide	< 0.010	0.010	mg/L	1	10/19/21	A/B/G	E335.4R1

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

October 25, 2021

Reviewed and Released by: Sarah Bell, Project Manager



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Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 25, 2021

FOR: Attn: Melissa Deyo
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information

Matrix: WATER
Location Code: ALPHA
Rush Request: 48 Hour
P.O.#:

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

10/05/21
10/15/21

Time

14:30
14:37

Laboratory Data

SDG ID: GCJ58855
Phoenix ID: CJ58857

Project ID: L2154524
Client ID: SB-01

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Cyanide	< 0.010	0.010	mg/L	1	10/19/21	A/B/G	E335.4R1

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

October 25, 2021

Reviewed and Released by: Sarah Bell, Project Manager



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823



QA/QC Report

October 25, 2021


QA/QC Data

SDG I.D.: GCJ58855

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 596733 (mg/L), QC Sample No: CJ58854 (CJ58855, CJ58856, CJ58857)													
Total Cyanide	BRL	0.010	<0.010	<0.010	NC	90.4			95.5			90 - 110	20
Comment:													
Additional: LCS acceptance range is 80-120% for soils MS acceptance range 75-125% for soils													

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference


Phyllis Shiller, Laboratory Director
October 25, 2021

Sample Criteria Exceedances Report

GCJ58855 - ALPHA

Monday, October 25, 2021
Criteria: None
State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedances. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedance information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



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Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Comments

October 25, 2021

SDG I.D.: GCJ58855

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.



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Tel. (860) 645-1102 Fax (860) 645-0823




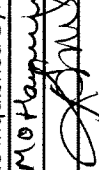

NY Temperature Narration

October 25, 2021

SDG I.D.: GCJ58855

The samples in this delivery group were received at 1.8°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

18' WGA

		Subcontract Chain of Custody Phoenix Environmental Laboratories 587 East Middle Turnpike Manchester, CT 06040		Alpha Job Number L2154524	
Client Information Client: Alpha Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019 Phone: 716.427.5229 Email: mdeyo@alphalab.com			Project Information Project Location: NY Project Manager: Melissa Deyo Turnaround & Deliverables Information Due Date: 10/22/21 Deliverables:		
Regulatory Requirements/Report Limits			State/Federal Program: Regulatory Criteria:		
Project Specific Requirements and/or Report Requirements Reference following Alpha Job Number on final report/deliverables: L2154524 Report to include Method Blank, LCS/LCSD: Additional Comments: Send all results/reports to subreports@alphalab.com NY, ASP-B Deliverable					
Lab ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Batch QC
58855 58856 58857	SB-05-CN SB-38 SB-01	10-06-21 10:00 10-06-21 14:00 10-05-21 14:30	WATER WATER WATER	Total Cyanide EPA 8010 Total Cyanide EPA 8010 Total Cyanide EPA 8010	
Relinquished By:		Date/Time:	Received By:	Date/Time:	
 M. Deyo		10/15/21	 Melissa Deyo	10/15/21 9:25 14:37 10/15/21	
Form No: AL_subcoc					

Sarah Bell

From: Melissa Deyo <mdeyo@alphalab.com>
Sent: Monday, October 18, 2021 8:46 AM
To: Sarah Bell
Cc: Loreen Fay
Subject: Re: Phoenix Labs - GCJ58855, L2154524 - COC Acknowledgement

Ok, 48 hours is fine .

On Mon, Oct 18, 2021 at 7:56 AM Sarah Bell <sarah@phoenixlabs.com> wrote:

Its possible but it will be a 48hr if you need for 20th

*Note: I am currently working remotely. You may call me directly at my cell number below or email

Sarah Bell
Project Manager
Phoenix Environmental Laboratories
587 East Middle Turnpike

Sarah@phoenixlabs.com

(C)860-558-0726

Website: www.phoenixlabs.com

From: Melissa Deyo [mailto:mdevo@alphalab.com]
Sent: Monday, October 18, 2021 7:54 AM
To: Sarah Bell; Loreen Fay
Subject: Fwd: Phoenix Labs - GCJ58855, L2154524 - COC Acknowledgement

Hello,

We need data by the 20th for these samples. Is a 3 day TAT possible?

Meliss

----- Forwarded message -----
From: <clientservices@phoenixlabs.com>
Date: Fri, Oct 15, 2021 at 7:27 PM
Subject: Phoenix Labs - GCJ58855, L2154524 - COC Acknowledgement
To: <mdevo@alphalab.com>

This is an automated sample acknowledgement.

If you were issued a Phoenix Price Quote # for this SDG and it was not listed on the chain, please email client services with the quote number so we can ensure proper invoicing. If no quote was issued, no further action is required.

If you have a PO# that is required for this SDG, and you need it listed on your invoice please email client services so we can be sure to get the PO# listed on the invoice. If no PO# is required, no further action is required.

GCJ58855 Criteria:
None.

Please email client services only if you require criteria different than what is listed.

Delivery group GCJ58855 (L2154524) has been logged in for the following samples:

Phoenix Id	Client Id
CJ58855	SB-05-CN
CJ58856	SB-38
CJ58857	SB-01

The samples in this delivery group were received at 1.8°C. (Note acceptance criteria for relevant matrices is above freezing up to 6°C)

If there are any questions regarding this submittal, please call Phoenix Client Services at extension 200.

Thank you for your business,

Phoenix Environmental Laboratories, Inc.
 587 East Middle Turnpike
 P.O. Box 370
 Manchester, CT 06374
 Tel. (860) 645-1102
 Fax. (860) 645-0823
www.phoenixlabs.com

Please do not reply to this email.

cc:d:subreports@alphalab.com; mdevo@alphalab.com; ethan@phoenixlabs.com; jbyrnes@alphalab.com; maryam@phoenixlabs.com; rashmi@phoenixlabs.com

-

Melissa Deyo
 Project Manager

mdeyo@alphalab.com
Main: 508-898-9220 | Direct: 716-427-5229

www.alphalab.com



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Melissa Deyo
Project Manager

mdeyo@alphalab.com
Main: 508-898-9220 | Direct: 716-427-5229

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ANALYTICAL REPORT

Lab Number:	L2154791
Client:	C.T. Male Associates 12 Raymond Ave Poughkeepsie, NY 12603
ATTN:	Kristine Garbarino
Phone:	(885) 454-4400
Project Name:	WIRE MILL
Project Number:	21.1622
Report Date:	10/21/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154791
Report Date: 10/21/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2154791-01	FD-01 20211007	WATER	62 WATER ST, OSSINING, NY	10/07/21 00:00	10/07/21
L2154791-02	SB-36B	WATER	62 WATER ST, OSSINING, NY	10/07/21 09:35	10/07/21
L2154791-03	SB-32	WATER	62 WATER ST, OSSINING, NY	10/07/21 11:25	10/07/21
L2154791-04	SB-23	WATER	62 WATER ST, OSSINING, NY	10/05/21 12:25	10/07/21

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154791
Report Date: 10/21/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154791
Report Date: 10/21/21

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.


The analysis of Total Cyanide was subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Sample Receipt

L2154791-04: A sample identified as "SB-23" was received, but not listed on the Chain of Custody. At the client's request, this sample was not analyzed.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 10/21/21

ORGANICS

VOLATILES

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154791
Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2154791-01
 Client ID: FD-01 20211007
 Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/07/21 00:00
 Date Received: 10/07/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/18/21 09:48
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.18	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1

Project Name: WIRE MILL

Lab Number: L2154791

Project Number: 21.1622

Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2154791-01
 Client ID: FD-01 20211007
 Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/07/21 00:00
 Date Received: 10/07/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Project Name: WIRE MILL**Lab Number:** L2154791**Project Number:** 21.1622**Report Date:** 10/21/21**SAMPLE RESULTS**

Lab ID: L2154791-01

Date Collected: 10/07/21 00:00

Client ID: FD-01 20211007

Date Received: 10/07/21

Sample Location: 62 WATER ST, OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	99		70-130

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154791
Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2154791-02
Client ID: SB-36B
Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/07/21 09:35
Date Received: 10/07/21
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/18/21 10:11
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.17	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1

Project Name: WIRE MILL

Lab Number: L2154791

Project Number: 21.1622

Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2154791-02
 Client ID: SB-36B
 Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/07/21 09:35
 Date Received: 10/07/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Project Name: WIRE MILL**Lab Number:** L2154791**Project Number:** 21.1622**Report Date:** 10/21/21**SAMPLE RESULTS**

Lab ID: L2154791-02

Date Collected: 10/07/21 09:35

Client ID: SB-36B

Date Received: 10/07/21

Sample Location: 62 WATER ST, OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	101		70-130

Project Name: WIRE MILL

Lab Number: L2154791

Project Number: 21.1622

Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2154791-03
 Client ID: SB-32
 Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/07/21 11:25
 Date Received: 10/07/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/18/21 10:34
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.64		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.38	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154791
Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2154791-03
Client ID: SB-32
Sample Location: 62 WATER ST, OSSINING, NY

Date Collected: 10/07/21 11:25
Date Received: 10/07/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

Project Name: WIRE MILL

Lab Number: L2154791

Project Number: 21.1622

Report Date: 10/21/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/18/21 09:02
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1560425-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: WIRE MILL

Lab Number: L2154791

Project Number: 21.1622

Report Date: 10/21/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/18/21 09:02
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1560425-5					
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154791
Report Date: 10/21/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/18/21 09:02
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1560425-5					
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: WIRE MILL

Lab Number: L2154791

Project Number: 21.1622

Report Date: 10/21/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1560425-3 WG1560425-4								
Methylene chloride	97		100		70-130	3		20
1,1-Dichloroethane	97		100		70-130	3		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	90		95		70-130	5		20
Dibromochloromethane	100		110		63-130	10		20
1,1,2-Trichloroethane	96		98		70-130	2		20
Tetrachloroethene	110		120		70-130	9		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	90		94		70-130	4		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	95		100		67-130	5		20
trans-1,3-Dichloropropene	97		100		70-130	3		20
cis-1,3-Dichloropropene	94		98		70-130	4		20
Bromoform	100		110		54-136	10		20
1,1,2,2-Tetrachloroethane	95		98		67-130	3		20
Benzene	99		100		70-130	1		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		110		70-130	10		20
Chloromethane	87		91		64-130	4		20
Bromomethane	100		110		39-139	10		20
Vinyl chloride	100		110		55-140	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: WIRE MILL

Lab Number: L2154791

Project Number: 21.1622

Report Date: 10/21/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1560425-3 WG1560425-4								
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	100		110		61-145	10		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	100		110		70-130	10		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	100		110		70-130	10		20
Methyl tert butyl ether	79		82		63-130	4		20
p/m-Xylene	105		110		70-130	5		20
o-Xylene	105		110		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	120		120		36-147	0		20
Acetone	80		77		58-148	4		20
Carbon disulfide	94		95		51-130	1		20
2-Butanone	69		71		63-138	3		20
4-Methyl-2-pentanone	82		86		59-130	5		20
2-Hexanone	74		80		57-130	8		20
Bromochloromethane	100		110		70-130	10		20
1,2-Dibromoethane	100		100		70-130	0		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	110		120		70-130	9		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: WIRE MILL

Project Number: 21.1622

Lab Number: L2154791

Report Date: 10/21/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1560425-3 WG1560425-4								
1,2-Dibromo-3-chloropropane	93		110		41-144	17		20
Isopropylbenzene	110		120		70-130	9		20
p-Isopropyltoluene	110		120		70-130	9		20
Naphthalene	70		85		70-130	19		20
n-Propylbenzene	110		120		69-130	9		20
1,2,3-Trichlorobenzene	68	Q	86		70-130	23	Q	20
1,2,4-Trichlorobenzene	88		97		70-130	10		20
1,3,5-Trimethylbenzene	110		120		64-130	9		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
Methyl Acetate	70		76		70-130	8		20
Cyclohexane	96		100		70-130	4		20
1,4-Dioxane	116		122		56-162	5		20
Freon-113	100		110		70-130	10		20
Methyl cyclohexane	98		100		70-130	2		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	95		95		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	104		103		70-130
Dibromofluoromethane	100		100		70-130

METALS

Project Name: WIRE MILL

Lab Number: L2154791

Project Number: 21.1622

Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2154791-01

Date Collected: 10/07/21 00:00

Client ID: FD-01 20211007

Date Received: 10/07/21

Sample Location: 62 WATER ST, OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	10/13/21 06:37	10/14/21 20:01	EPA 3005A	1,6020B	CD
Antimony, Dissolved	0.00082	J	mg/l	0.00400	0.00042	1	10/13/21 06:37	10/14/21 20:01	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00060		mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 20:01	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.1952		mg/l	0.00050	0.00017	1	10/13/21 06:37	10/14/21 20:01	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/13/21 06:37	10/14/21 20:01	EPA 3005A	1,6020B	CD
Cadmium, Dissolved	0.00007	J	mg/l	0.00020	0.00005	1	10/13/21 06:37	10/14/21 20:01	EPA 3005A	1,6020B	CD
Calcium, Dissolved	80.1		mg/l	0.100	0.0394	1	10/13/21 06:37	10/14/21 20:01	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00057	J	mg/l	0.00100	0.00017	1	10/13/21 06:37	10/14/21 20:01	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.00059		mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 20:01	EPA 3005A	1,6020B	CD
Copper, Dissolved	0.00251		mg/l	0.00100	0.00038	1	10/13/21 06:37	10/14/21 20:01	EPA 3005A	1,6020B	CD
Iron, Dissolved	0.299		mg/l	0.0500	0.0191	1	10/13/21 06:37	10/14/21 20:01	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/13/21 06:37	10/14/21 20:01	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	9.38		mg/l	0.0700	0.0242	1	10/13/21 06:37	10/14/21 20:01	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.1329		mg/l	0.00100	0.00044	1	10/13/21 06:37	10/14/21 20:01	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/13/21 09:44	10/14/21 17:58	EPA 7470A	1,7470A	AC
Nickel, Dissolved	0.00485		mg/l	0.00200	0.00055	1	10/13/21 06:37	10/14/21 20:01	EPA 3005A	1,6020B	CD
Potassium, Dissolved	4.95		mg/l	0.100	0.0309	1	10/13/21 06:37	10/14/21 20:01	EPA 3005A	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/13/21 06:37	10/14/21 20:01	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/13/21 06:37	10/14/21 20:01	EPA 3005A	1,6020B	CD
Sodium, Dissolved	24.7		mg/l	0.100	0.0293	1	10/13/21 06:37	10/14/21 20:01	EPA 3005A	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/13/21 06:37	10/14/21 20:01	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	0.00170	J	mg/l	0.00500	0.00157	1	10/13/21 06:37	10/14/21 20:01	EPA 3005A	1,6020B	CD
Zinc, Dissolved	0.04413		mg/l	0.01000	0.00341	1	10/13/21 06:37	10/14/21 20:01	EPA 3005A	1,6020B	CD



Project Name: WIRE MILL

Lab Number: L2154791

Project Number: 21.1622

Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2154791-02

Date Collected: 10/07/21 09:35

Client ID: SB-36B

Date Received: 10/07/21

Sample Location: 62 WATER ST, OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	10/13/21 06:37	10/14/21 20:06	EPA 3005A	1,6020B	CD
Antimony, Dissolved	0.00088	J	mg/l	0.00400	0.00042	1	10/13/21 06:37	10/14/21 20:06	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00064		mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 20:06	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.1934		mg/l	0.00050	0.00017	1	10/13/21 06:37	10/14/21 20:06	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/13/21 06:37	10/14/21 20:06	EPA 3005A	1,6020B	CD
Cadmium, Dissolved	0.00007	J	mg/l	0.00020	0.00005	1	10/13/21 06:37	10/14/21 20:06	EPA 3005A	1,6020B	CD
Calcium, Dissolved	77.8		mg/l	0.100	0.0394	1	10/13/21 06:37	10/14/21 20:06	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00055	J	mg/l	0.00100	0.00017	1	10/13/21 06:37	10/14/21 20:06	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.00057		mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 20:06	EPA 3005A	1,6020B	CD
Copper, Dissolved	0.00243		mg/l	0.00100	0.00038	1	10/13/21 06:37	10/14/21 20:06	EPA 3005A	1,6020B	CD
Iron, Dissolved	0.206		mg/l	0.0500	0.0191	1	10/13/21 06:37	10/14/21 20:06	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/13/21 06:37	10/14/21 20:06	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	8.82		mg/l	0.0700	0.0242	1	10/13/21 06:37	10/14/21 20:06	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.1144		mg/l	0.00100	0.00044	1	10/13/21 06:37	10/14/21 20:06	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/13/21 09:44	10/14/21 18:01	EPA 7470A	1,7470A	AC
Nickel, Dissolved	0.00443		mg/l	0.00200	0.00055	1	10/13/21 06:37	10/14/21 20:06	EPA 3005A	1,6020B	CD
Potassium, Dissolved	4.56		mg/l	0.100	0.0309	1	10/13/21 06:37	10/14/21 20:06	EPA 3005A	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/13/21 06:37	10/14/21 20:06	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/13/21 06:37	10/14/21 20:06	EPA 3005A	1,6020B	CD
Sodium, Dissolved	23.5		mg/l	0.100	0.0293	1	10/13/21 06:37	10/14/21 20:06	EPA 3005A	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/13/21 06:37	10/14/21 20:06	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	0.00161	J	mg/l	0.00500	0.00157	1	10/13/21 06:37	10/14/21 20:06	EPA 3005A	1,6020B	CD
Zinc, Dissolved	0.04261		mg/l	0.01000	0.00341	1	10/13/21 06:37	10/14/21 20:06	EPA 3005A	1,6020B	CD



Project Name: WIRE MILL

Lab Number: L2154791

Project Number: 21.1622

Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2154791-03

Date Collected: 10/07/21 11:25

Client ID: SB-32

Date Received: 10/07/21

Sample Location: 62 WATER ST, OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	10/13/21 06:37	10/14/21 20:11	EPA 3005A	1,6020B	CD
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	10/13/21 06:37	10/14/21 20:11	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00043	J	mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 20:11	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.1606		mg/l	0.00050	0.00017	1	10/13/21 06:37	10/14/21 20:11	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/13/21 06:37	10/14/21 20:11	EPA 3005A	1,6020B	CD
Cadmium, Dissolved	0.00008	J	mg/l	0.00020	0.00005	1	10/13/21 06:37	10/14/21 20:11	EPA 3005A	1,6020B	CD
Calcium, Dissolved	154.		mg/l	0.100	0.0394	1	10/13/21 06:37	10/14/21 20:11	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00086	J	mg/l	0.00100	0.00017	1	10/13/21 06:37	10/14/21 20:11	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.00128		mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 20:11	EPA 3005A	1,6020B	CD
Copper, Dissolved	0.00390		mg/l	0.00100	0.00038	1	10/13/21 06:37	10/14/21 20:11	EPA 3005A	1,6020B	CD
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	10/13/21 06:37	10/14/21 20:11	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/13/21 06:37	10/14/21 20:11	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	23.2		mg/l	0.0700	0.0242	1	10/13/21 06:37	10/14/21 20:11	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.04050		mg/l	0.00100	0.00044	1	10/13/21 06:37	10/14/21 20:11	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/13/21 09:44	10/14/21 18:04	EPA 7470A	1,7470A	AC
Nickel, Dissolved	0.00231		mg/l	0.00200	0.00055	1	10/13/21 06:37	10/14/21 20:11	EPA 3005A	1,6020B	CD
Potassium, Dissolved	11.7		mg/l	0.100	0.0309	1	10/13/21 06:37	10/14/21 20:11	EPA 3005A	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/13/21 06:37	10/14/21 20:11	EPA 3005A	1,6020B	CD
Silver, Dissolved	0.00063		mg/l	0.00040	0.00016	1	10/13/21 06:37	10/14/21 20:11	EPA 3005A	1,6020B	CD
Sodium, Dissolved	304.		mg/l	0.100	0.0293	1	10/13/21 06:37	10/14/21 20:11	EPA 3005A	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/13/21 06:37	10/14/21 20:11	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/13/21 06:37	10/14/21 20:11	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/13/21 06:37	10/14/21 20:11	EPA 3005A	1,6020B	CD



Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154791
Report Date: 10/21/21

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1556247-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Chromium, Dissolved	0.00058	J	mg/l	0.00100	0.00017	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Thallium, Dissolved	0.00018	J	mg/l	0.00100	0.00014	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/13/21 06:37	10/14/21 17:28	1,6020B	CD

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1556249-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/13/21 09:44	10/14/21 17:02	1,7470A	AC



Project Name: WIRE MILL

Lab Number: L2154791

Project Number: 21.1622

Report Date: 10/21/21

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: WIRE MILL

Project Number: 21.1622

Lab Number: L2154791

Report Date: 10/21/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1556247-2								
Aluminum, Dissolved	100		-		80-120	-		
Antimony, Dissolved	88		-		80-120	-		
Arsenic, Dissolved	102		-		80-120	-		
Barium, Dissolved	101		-		80-120	-		
Beryllium, Dissolved	104		-		80-120	-		
Cadmium, Dissolved	102		-		80-120	-		
Calcium, Dissolved	104		-		80-120	-		
Chromium, Dissolved	99		-		80-120	-		
Cobalt, Dissolved	98		-		80-120	-		
Copper, Dissolved	100		-		80-120	-		
Iron, Dissolved	98		-		80-120	-		
Lead, Dissolved	103		-		80-120	-		
Magnesium, Dissolved	104		-		80-120	-		
Manganese, Dissolved	97		-		80-120	-		
Nickel, Dissolved	95		-		80-120	-		
Potassium, Dissolved	99		-		80-120	-		
Selenium, Dissolved	103		-		80-120	-		
Silver, Dissolved	104		-		80-120	-		
Sodium, Dissolved	104		-		80-120	-		
Thallium, Dissolved	107		-		80-120	-		
Vanadium, Dissolved	98		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: WIRE MILL

Project Number: 21.1622

Lab Number: L2154791

Report Date: 10/21/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1556247-2					
Zinc, Dissolved	105	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1556249-2					
Mercury, Dissolved	99	-	80-120	-	

Matrix Spike Analysis Batch Quality Control

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154791
Report Date: 10/21/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1556247-7 WG1556247-8 QC Sample: L2100009-402 Client ID: MS Sample												
Aluminum, Dissolved	0.0469	2	2.00	98		2.09	102		75-125	4		20
Antimony, Dissolved	0.00054J	0.5	0.4662	93		0.4560	91		75-125	2		20
Arsenic, Dissolved	0.00113	0.12	0.1284	106		0.1271	105		75-125	1		20
Barium, Dissolved	0.02427	2	2.051	101		2.069	102		75-125	1		20
Beryllium, Dissolved	ND	0.05	0.05228	104		0.05157	103		75-125	1		20
Cadmium, Dissolved	ND	0.053	0.05517	104		0.05436	102		75-125	1		20
Calcium, Dissolved	17.4	10	27.2	98		28.4	110		75-125	4		20
Chromium, Dissolved	0.00095J	0.2	0.1990	100		0.1998	100		75-125	0		20
Cobalt, Dissolved	ND	0.5	0.4955	99		0.5064	101		75-125	2		20
Copper, Dissolved	0.00074J	0.25	0.2537	101		0.2536	101		75-125	0		20
Iron, Dissolved	0.0271J	1	1.04	104		1.05	105		75-125	1		20
Lead, Dissolved	ND	0.53	0.5432	102		0.5420	102		75-125	0		20
Magnesium, Dissolved	4.70	10	14.9	102		15.3	106		75-125	3		20
Manganese, Dissolved	0.04405	0.5	0.5466	100		0.5376	99		75-125	2		20
Nickel, Dissolved	0.00097J	0.5	0.4718	94		0.4804	96		75-125	2		20
Potassium, Dissolved	3.67	10	13.1	94		13.8	101		75-125	5		20
Selenium, Dissolved	ND	0.12	0.121	101		0.123	102		75-125	2		20
Silver, Dissolved	ND	0.05	0.05174	103		0.05195	104		75-125	0		20
Sodium, Dissolved	86.2	10	89.0	28	Q	93.3	71	Q	75-125	5		20
Thallium, Dissolved	ND	0.12	0.1291	108		0.1284	107		75-125	1		20
Vanadium, Dissolved	ND	0.5	0.4941	99		0.5075	102		75-125	3		20

Matrix Spike Analysis Batch Quality Control

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154791
Report Date: 10/21/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1556247-7 WG1556247-8 QC Sample: L2100009-402 Client ID: MS Sample									
Zinc, Dissolved	ND	0.5	0.5133	103	0.5099	102	75-125	1	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1556249-3 WG1556249-4 QC Sample: L2100009-410 Client ID: MS Sample									
Mercury, Dissolved	ND	0.005	0.00502	100	0.00496	99	75-125	1	20

Project Name: WIRE MILL**Lab Number:** L2154791**Project Number:** 21.1622**Report Date:** 10/21/21**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2154791-01A	Vial HCl preserved	A	NA		5.3	Y	Absent		NYTCL-8260-R2(14)
L2154791-01B	Vial HCl preserved	A	NA		5.3	Y	Absent		NYTCL-8260-R2(14)
L2154791-01C	Vial HCl preserved	A	NA		5.3	Y	Absent		NYTCL-8260-R2(14)
L2154791-01D	Plastic 250ml unpreserved	A	7	7	5.3	Y	Absent		-
L2154791-01X	Plastic 120ml HNO3 preserved Filtrates	A	NA		5.3	Y	Absent		CU-6020S(180),SE-6020S(180),V-6020S(180),K-6020S(180),MN-6020S(180),MG-6020S(180),ZN-6020S(180),BE-6020S(180),CO-6020S(180),CA-6020S(180),FE-6020S(180),CR-6020S(180),NA-6020S(180),PB-6020S(180),TL-6020S(180),BA-6020S(180),NI-6020S(180),AS-6020S(180),SB-6020S(180),AG-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)
L2154791-02A	Vial HCl preserved	A	NA		5.3	Y	Absent		NYTCL-8260-R2(14)
L2154791-02B	Vial HCl preserved	A	NA		5.3	Y	Absent		NYTCL-8260-R2(14)
L2154791-02C	Vial HCl preserved	A	NA		5.3	Y	Absent		NYTCL-8260-R2(14)
L2154791-02D	Plastic 250ml unpreserved	A	7	7	5.3	Y	Absent		-
L2154791-02X	Plastic 120ml HNO3 preserved Filtrates	A	NA		5.3	Y	Absent		SE-6020S(180),V-6020S(180),K-6020S(180),CU-6020S(180),MN-6020S(180),ZN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),TL-6020S(180),NA-6020S(180),PB-6020S(180),BA-6020S(180),NI-6020S(180),SB-6020S(180),AG-6020S(180),AS-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2154791-03A	Vial HCl preserved	A	NA		5.3	Y	Absent		NYTCL-8260-R2(14)
L2154791-03B	Vial HCl preserved	A	NA		5.3	Y	Absent		NYTCL-8260-R2(14)
L2154791-03C	Vial HCl preserved	A	NA		5.3	Y	Absent		NYTCL-8260-R2(14)

Project Name: WIRE MILL**Lab Number:** L2154791**Project Number:** 21.1622**Report Date:** 10/21/21**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2154791-03D	Plastic 250ml unpreserved	A	7	7	5.3	Y	Absent		-
L2154791-03E	Plastic 250ml NaOH preserved	A	>12	>12	5.3	Y	Absent		SUB-TCN-9010(14)
L2154791-03X	Plastic 120ml HNO3 preserved Filtrates	A	NA		5.3	Y	Absent		CU-6020S(180),K-6020S(180),V-6020S(180),SE-6020S(180),MN-6020S(180),BE-6020S(180),ZN-6020S(180),CO-6020S(180),MG-6020S(180),CR-6020S(180),FE-6020S(180),CA-6020S(180),NA-6020S(180),TL-6020S(180),BA-6020S(180),NI-6020S(180),PB-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)
L2154791-04A	Plastic 250ml NaOH preserved	A	>12	>12	5.3	Y	Absent		HOLD-WETCHEM()

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154791
Report Date: 10/21/21

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154791
Report Date: 10/21/21

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154791
Report Date: 10/21/21

Data Qualifiers

- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: WIRE MILL
Project Number: 21.1622

Lab Number: L2154791
Report Date: 10/21/21

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

	NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page	Date Rec'd in Lab	ALPHA Job #				
			4 of 2	10/08/21	22154791				
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information		Deliverables		Billing Information			
Client Information Client: <u>C.T. Male</u> Address: <u>50 Century Hill, Latham, NY, 12110</u> Phone: <u>518-786-7400</u> Fax: _____ Email: <u>K.garbarino@ctmale.com</u>		Project Name: <u>Wire Mill</u> Project Location: <u>62 water st, Ossining, NY</u> Project # <u>21.1622</u> (Use Project name as Project #) <input type="checkbox"/>		<input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input checked="" type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		<input checked="" type="checkbox"/> Same as Client Info PO # _____			
Project Manager: <u>Kristine Garbarino</u> ALPHAQuote #: _____ Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: _____ Rush (only if pre approved) <input type="checkbox"/> # of Days: _____		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other: _____					
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: <u>please send sample results to k.garbarino@ctmale.com</u>				ANALYSIS		Sample Filtration			
Please specify Metals or TAL.				<input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)		Total Bottles			
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Sample Specific Comments			
		Date	Time						
<u>54791-01</u>	<u>FD-01 20211007</u>	<u>10/7</u>	<u>—</u>	<u>GW</u>	<u>AM</u>				
<u>-02</u>	<u>SB-36B</u>	<u>10/7</u>	<u>09 35</u>	<u>GW</u>	<u>AM</u>				
<u>-03</u>	<u>SB-32</u>	<u>10/7</u>	<u>11 25</u>	<u>GW</u>	<u>AM</u>				
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other				Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015			
				Container Type	Preservative	Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)			
				<u>P P P V</u>	<u>E A A B</u>				
Relinquished By:		Date/Time		Received By:				Date/Time	
<u>[Signature]</u>		<u>10/7/21 14:55</u>		<u>[Signature]</u>				<u>10/8/21 14:55</u>	
<u>[Signature]</u>		<u>10/8/21 18:35</u>		<u>[Signature]</u>		<u>10/8/21 19:30</u>			
<u>[Signature]</u>		<u>10/7/21</u>		<u>[Signature]</u>		<u>10/8/21 23:00</u>			
<u>[Signature]</u>		<u>10/8/21 01:45</u>		<u>[Signature]</u>		<u>10/8/21 01:45</u>			



Thursday, October 21, 2021

Attn: Melissa Deyo
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Project ID: L2154791
SDG ID: GCJ58854
Sample ID#s: CJ58854

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Sample Id Cross Reference

October 21, 2021

SDG I.D.: GCJ58854

Project ID: L2154791

Client Id	Lab Id	Matrix
SB-32	CJ58854	WATER



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 21, 2021

FOR: Attn: Melissa Deyo
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information

Matrix: WATER
Location Code: ALPHA
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

10/07/21
10/15/21

Time

11:25
14:37

Laboratory Data

SDG ID: GCJ58854
Phoenix ID: CJ58854

Project ID: L2154791
Client ID: SB-32

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Cyanide	< 0.010	0.010	mg/L	1	10/19/21	A/B/G	E335.4R1

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

October 21, 2021

Reviewed and Released by: Ethan Lee, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



QA/QC Report

October 21, 2021


QA/QC Data

SDG I.D.: GCJ58854

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 596733 (mg/L), QC Sample No: CJ58854 (CJ58854)													
Total Cyanide	BRL	0.010	<0.010	<0.010	NC	90.4			95.5			90 - 110	20
Comment:													
Additional: LCS acceptance range is 80-120% for soils MS acceptance range 75-125% for soils													

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference


Phyllis Shiller, Laboratory Director
October 21, 2021

Sample Criteria Exceedances Report

GCJ58854 - ALPHA

Thursday, October 21, 2021
Criteria: None
State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----	----------	----------------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedances. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedance information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Comments

October 21, 2021

SDG I.D.: GCJ58854

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823




NY Temperature Narration

October 21, 2021

SDG I.D.: GCJ58854

The samples in this delivery group were received at 1.8°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

1.8' WC
1ce

		Subcontract Chain of Custody Phoenix Environmental Laboratories 587 East Middle Turnpike Manchester, CT 06040		Alpha Job Number L2154791	
Client Information Client: Alpha Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019 Phone: 716.427.5229 Email: mdeyo@alphalab.com		Project Information Project Location: NY Project Manager: Melissa Deyo Turnaround & Deliverables Information Due Date: 10/22/21 Deliverables:		Regulatory Requirements/Report Limits State/Federal Program: Regulatory Criteria:	
Project Specific Requirements and/or Report Requirements Reference following Alpha Job Number on final report/deliverables: L2154791 Report to include Method Blank, LCS/LCSD: Additional Comments: Send all results/reports to subreports@alphalab.com NY, ASP-B Deliverable					
Lab ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Batch QC
58854	SB-32	10-07-21 11:25	WATER	Total Cyanide EPA 9010	
Relinquished By:		Date/Time:	Received By:	Date/Time:	
MOH <i>[Signature]</i> 10/15/21 <i>[Signature]</i>		10/27/21 14:37	MOH <i>[Signature]</i> Melissa Deyo 10/15/21	1-15/21 9:28	14:37
Form No: AL_subcoc					

Sarah Bell

From: Melissa Deyo <mdeyo@alphalab.com>
Sent: Monday, October 18, 2021 8:47 AM
To: Sarah Bell
Cc: Loreen Fay
Subject: Re: Phoenix Labs - GCJ58854, L2154791 - COC Acknowledgement

Ok, please proceed.

On Mon, Oct 18, 2021 at 7:57 AM Sarah Bell <sarah@phoenixlabs.com> wrote:

That changes to a three day if we change TAT today

*Note: I am currently working remotely. You may call me directly at my cell number below or email

Sarah Bell
Project Manager
Phoenix Environmental Laboratories
587 East Middle Turnpike

Sarah@phoenixlabs.com

(C)860-558-0726

Website: www.phoenixlabs.com

From: Melissa Deyo [mailto:mdevo@alphalab.com]
Sent: Monday, October 18, 2021 7:56 AM
To: Sarah Bell; Loreen Fay
Subject: Fwd: Phoenix Labs - GCJ58854, L2154791 - COC Acknowledgement

Hello,

Can we get a 4 day TAT on this sample with data due on the 21st?

Melissa

----- Forwarded message -----
From: <clientservices@phoenixlabs.com>
Date: Fri, Oct 15, 2021 at 7:30 PM
Subject: Phoenix Labs - GCJ58854, L2154791 - COC Acknowledgement
To: <mdevo@alphalab.com>

This is an automated sample acknowledgement.

If you were issued a Phoenix Price Quote # for this SDG and it was not listed on the chain, please email client services with the quote number so we can ensure proper invoicing. If no quote was issued, no further action is required.

If you have a PO# that is required for this SDG, and you need it listed on your invoice please email client services so we can be sure to get the PO# listed on the invoice. If no PO# is required, no further action is required.

GCJ58854 Criteria:
None.

Please email client services only if you require criteria different than what is listed.

Delivery group GCJ58854 (L2154791) has been logged in for the following samples:

Phoenix Id	Client Id
CJ58854	SB-32

The samples in this delivery group were received at 1.8°C. (Note acceptance criteria for relevant matrices is above freezing up to 6°C)

If there are any questions regarding this submittal, please call Phoenix Client Services at extension 200.

Thank you for your business,

Phoenix Environmental Laboratories, Inc.
 587 East Middle Turnpike
 P.O. Box 370
 Manchester, CT 06374
 Tel. (860) 645-1102
 Fax. (860) 645-0823
www.phoenixlabs.com

Please do not reply to this email.

cc'd:subreports@alphalab.com; mdeyo@alphalab.com; ethan@phoenixlabs.com; jbyrnes@alphalab.com; maryam@phoenixlabs.com; rashmi@phoenixlabs.com

--

Melissa Deyo
Project Manager

mdeyo@alphalab.com
Main: 508-898-9220 | Direct: 716-427-5229

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Melissa Deyo
Project Manager

mdeyo@alphalab.com
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Air 2020-2021

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1611201210-0976



Technical Report

prepared for:

Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull CT, 06611
Attention: Kyle Gearwar

Report Date: 12/22/2020

Client Project ID: 20040181.B3N Former Hudson Wire Mill

York Project (SDG) No.: 20L0735

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371

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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull CT, 06611
Attention: Kyle Gearwar

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 December 15, 2020 and listed below. The project was identified as your project: **20040181.B3N Former Hudson Wire Mill**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
20L0735-01	1611201210-01	Indoor Ambient Air	12/10/2020	12/15/2020
20L0735-02	1611201210-02	Indoor Ambient Air	12/10/2020	12/15/2020
20L0735-03	1611201210-03	Indoor Ambient Air	12/10/2020	12/15/2020
20L0735-04	1611201210-04	Indoor Ambient Air	12/10/2020	12/15/2020
20L0735-05	1611201210-05	Indoor Ambient Air	12/10/2020	12/15/2020
20L0735-06	1611201210-06	Indoor Ambient Air	12/10/2020	12/15/2020
20L0735-07	1611201210-07	Indoor Ambient Air	12/10/2020	12/15/2020
20L0735-08	1611201210-08	Outdoor Ambient Air	12/10/2020	12/15/2020
20L0735-09	1611201210-09	Indoor Ambient Air	12/10/2020	12/15/2020

General Notes for York Project (SDG) No.: 20L0735

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/22/2020





Sample Information

Client Sample ID: 1611201210-01

York Sample ID: 20L0735-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0735

20040181.B3N Former Hudson Wire Mill

Indoor Ambient Air December 10, 2020 10:50 am

12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.60	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.48	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.60	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.67	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.48	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.35	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.087	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
120-82-1	1,2,4-Trichlorobenzene	0.65		ug/m ³	0.65	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
95-63-6	1,2,4-Trimethylbenzene	1.3		ug/m ³	0.43	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.67	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.53	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.35	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.40	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.61	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
108-67-8	1,3,5-Trimethylbenzene	0.43		ug/m ³	0.43	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	0.58	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.53	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.40	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.53	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	0.63	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
78-93-3	2-Butanone	2.5		ug/m ³	0.26	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	0.72	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	1.4	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ



Sample Information

Client Sample ID: 1611201210-01

York Sample ID: 20L0735-01

York Project (SDG) No.
20L0735

Client Project ID
20040181.B3N Former Hudson Wire Mill

Matrix Collection Date/Time
Indoor Ambient Air December 10, 2020 10:50 am

Date Received
12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	0.72	TO-CC V, TO-LC S-L	ug/m ³	0.36	0.875	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 17:30	LLJ
67-64-1	Acetone	26		ug/m ³	0.42	0.875	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 17:30	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.19	0.875	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 17:30	LLJ
71-43-2	Benzene	1.1		ug/m ³	0.28	0.875	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 17:30	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	0.45	0.875	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 17:30	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	0.59	0.875	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 17:30	LLJ
75-25-2	Bromoform	ND		ug/m ³	0.90	0.875	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 17:30	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.34	0.875	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 17:30	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	0.27	0.875	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 17:30	LLJ
56-23-5	Carbon tetrachloride	0.55		ug/m ³	0.14	0.875	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 17:30	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.40	0.875	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 17:30	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.23	0.875	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 17:30	LLJ
67-66-3	Chloroform	1.1		ug/m ³	0.43	0.875	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 17:30	LLJ
74-87-3	Chloromethane	0.99		ug/m ³	0.18	0.875	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 17:30	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.087	0.875	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 17:30	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.40	0.875	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 17:30	LLJ
110-82-7	Cyclohexane	0.75		ug/m ³	0.30	0.875	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 17:30	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	0.75	0.875	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 17:30	LLJ
75-71-8	Dichlorodifluoromethane	2.4		ug/m ³	0.43	0.875	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 17:30	LLJ
141-78-6	* Ethyl acetate	1.3		ug/m ³	0.63	0.875	EPA TO-15 Certifications:	12/15/2020 09:00	12/15/2020 17:30	LLJ
100-41-4	Ethyl Benzene	0.87		ug/m ³	0.38	0.875	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 17:30	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.93	0.875	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 17:30	LLJ
67-63-0	Isopropanol	25		ug/m ³	0.43	0.875	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 17:30	LLJ



Sample Information

Client Sample ID: 1611201210-01

York Sample ID: 20L0735-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0735

20040181.B3N Former Hudson Wire Mill

Indoor Ambient Air December 10, 2020 10:50 am

12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	1.9		ug/m ³	0.36	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.32	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
75-09-2	Methylene chloride	120		ug/m ³	0.61	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
142-82-5	n-Heptane	1.5		ug/m ³	0.36	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
110-54-3	n-Hexane	65		ug/m ³	0.31	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
95-47-6	o-Xylene	1.1		ug/m ³	0.38	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
179601-23-1	p- & m- Xylenes	2.9		ug/m ³	0.76	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
622-96-8	* p-Ethyltoluene	1.1		ug/m ³	0.43	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
115-07-1	* Propylene	ND		ug/m ³	0.15	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
100-42-5	Styrene	0.37		ug/m ³	0.37	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
127-18-4	Tetrachloroethylene	1.4		ug/m ³	0.59	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
109-99-9	* Tetrahydrofuran	1.4		ug/m ³	0.52	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
108-88-3	Toluene	8.2		ug/m ³	0.33	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.35	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.40	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
79-01-6	Trichloroethylene	ND		ug/m ³	0.12	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	4.7		ug/m ³	0.49	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	0.31	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	0.38	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.11	0.875	EPA TO-15	12/15/2020 09:00	12/15/2020 17:30	LLJ



Sample Information

Client Sample ID: 1611201210-02

York Sample ID: 20L0735-02

York Project (SDG) No.
20L0735

Client Project ID
20040181.B3N Former Hudson Wire Mill

Matrix Collection Date/Time
Indoor Ambient Air December 10, 2020 10:45 am

Date Received
12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.54	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.43	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.54	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.67		ug/m ³	0.60	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.43	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.32	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.078	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.59	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
95-63-6	1,2,4-Trimethylbenzene	1.6		ug/m ³	0.39	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.61	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.47	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.32	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.36	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.55	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
108-67-8	1,3,5-Trimethylbenzene	0.50		ug/m ³	0.39	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	0.52	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.47	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.36	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.47	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	0.57	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
78-93-3	2-Butanone	3.5		ug/m ³	0.23	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	0.65	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	1.2	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ



Sample Information

Client Sample ID: 1611201210-02

York Sample ID: 20L0735-02

York Project (SDG) No.
20L0735

Client Project ID
20040181.B3N Former Hudson Wire Mill

Matrix Collection Date/Time
Indoor Ambient Air December 10, 2020 10:45 am

Date Received
12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	0.71	TO-CC V, TO-LC S-L	ug/m ³	0.32	0.789	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 19:22	LLJ
67-64-1	Acetone	23		ug/m ³	0.37	0.789	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 19:22	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.17	0.789	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 19:22	LLJ
71-43-2	Benzene	1.1		ug/m ³	0.25	0.789	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 19:22	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	0.41	0.789	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 19:22	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	0.53	0.789	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 19:22	LLJ
75-25-2	Bromoform	ND		ug/m ³	0.82	0.789	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 19:22	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.31	0.789	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 19:22	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	0.25	0.789	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 19:22	LLJ
56-23-5	Carbon tetrachloride	0.55		ug/m ³	0.12	0.789	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 19:22	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.36	0.789	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 19:22	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.21	0.789	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 19:22	LLJ
67-66-3	Chloroform	0.89		ug/m ³	0.39	0.789	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 19:22	LLJ
74-87-3	Chloromethane	1.1		ug/m ³	0.16	0.789	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 19:22	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.078	0.789	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 19:22	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.36	0.789	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 19:22	LLJ
110-82-7	Cyclohexane	0.79		ug/m ³	0.27	0.789	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 19:22	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	0.67	0.789	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 19:22	LLJ
75-71-8	Dichlorodifluoromethane	2.6		ug/m ³	0.39	0.789	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 19:22	LLJ
141-78-6	* Ethyl acetate	1.8		ug/m ³	0.57	0.789	EPA TO-15 Certifications:	12/15/2020 09:00	12/15/2020 19:22	LLJ
100-41-4	Ethyl Benzene	0.86		ug/m ³	0.34	0.789	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 19:22	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.84	0.789	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 19:22	LLJ
67-63-0	Isopropanol	22		ug/m ³	0.39	0.789	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 19:22	LLJ



Sample Information

Client Sample ID: 1611201210-02

York Sample ID: 20L0735-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0735

20040181.B3N Former Hudson Wire Mill

Indoor Ambient Air December 10, 2020 10:45 am

12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	0.36		ug/m ³	0.32	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.28	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
75-09-2	Methylene chloride	1.7		ug/m ³	0.55	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
142-82-5	n-Heptane	1.6		ug/m ³	0.32	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
110-54-3	n-Hexane	2.9		ug/m ³	0.28	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
95-47-6	o-Xylene	1.0		ug/m ³	0.34	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
179601-23-1	p- & m- Xylenes	2.7		ug/m ³	0.69	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
622-96-8	* p-Ethyltoluene	1.2		ug/m ³	0.39	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
115-07-1	* Propylene	ND		ug/m ³	0.14	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
100-42-5	Styrene	0.40		ug/m ³	0.34	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
127-18-4	Tetrachloroethylene	1.6		ug/m ³	0.54	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
109-99-9	* Tetrahydrofuran	1.7		ug/m ³	0.47	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
108-88-3	Toluene	8.4		ug/m ³	0.30	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.31	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.36	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
79-01-6	Trichloroethylene	ND		ug/m ³	0.11	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	1.7		ug/m ³	0.44	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	0.28	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	0.35	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.10	0.789	EPA TO-15	12/15/2020 09:00	12/15/2020 19:22	LLJ



Sample Information

Client Sample ID: 1611201210-03

York Sample ID: 20L0735-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0735

20040181.B3N Former Hudson Wire Mill

Indoor Ambient Air December 10, 2020 10:46 am

12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.64	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.51	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.64	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.72		ug/m ³	0.72	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.51	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.38	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.093	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.70	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
95-63-6	1,2,4-Trimethylbenzene	1.6		ug/m ³	0.46	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.72	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.56	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.38	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.43	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.66	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
108-67-8	1,3,5-Trimethylbenzene	0.51		ug/m ³	0.46	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	0.62	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.56	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.43	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.56	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	0.68	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
78-93-3	2-Butanone	3.6		ug/m ³	0.28	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	0.77	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	1.5	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ



Sample Information

Client Sample ID: 1611201210-03

York Sample ID: 20L0735-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0735

20040181.B3N Former Hudson Wire Mill

Indoor Ambient Air December 10, 2020 10:46 am

12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	0.54	TO-CC V, TO-LC S-L	ug/m ³	0.38	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 20:21	LLJ
67-64-1	Acetone	25		ug/m ³	0.45	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 20:21	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.20	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 20:21	LLJ
71-43-2	Benzene	0.75		ug/m ³	0.30	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 20:21	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	0.49	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 20:21	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	0.63	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 20:21	LLJ
75-25-2	Bromoform	ND		ug/m ³	0.97	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 20:21	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.36	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 20:21	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	0.29	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 20:21	LLJ
56-23-5	Carbon tetrachloride	0.59		ug/m ³	0.15	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 20:21	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.43	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 20:21	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.25	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 20:21	LLJ
67-66-3	Chloroform	0.64		ug/m ³	0.46	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 20:21	LLJ
74-87-3	Chloromethane	1.1		ug/m ³	0.19	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 20:21	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.093	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 20:21	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.43	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 20:21	LLJ
110-82-7	Cyclohexane	0.58		ug/m ³	0.32	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 20:21	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	0.80	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 20:21	LLJ
75-71-8	Dichlorodifluoromethane	2.9		ug/m ³	0.46	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 20:21	LLJ
141-78-6	* Ethyl acetate	1.6		ug/m ³	0.68	0.938	EPA TO-15 Certifications:	12/15/2020 09:00	12/15/2020 20:21	LLJ
100-41-4	Ethyl Benzene	0.77		ug/m ³	0.41	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 20:21	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.0	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 20:21	LLJ
67-63-0	Isopropanol	16		ug/m ³	0.46	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2020 09:00	12/15/2020 20:21	LLJ



Sample Information

Client Sample ID: 1611201210-03

York Sample ID: 20L0735-03

York Project (SDG) No.
20L0735

Client Project ID
20040181.B3N Former Hudson Wire Mill

Matrix Collection Date/Time
Indoor Ambient Air December 10, 2020 10:46 am

Date Received
12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.38	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.34	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
75-09-2	Methylene chloride	1.3		ug/m ³	0.65	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
142-82-5	n-Heptane	1.2		ug/m ³	0.38	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
110-54-3	n-Hexane	1.9		ug/m ³	0.33	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
95-47-6	o-Xylene	0.98		ug/m ³	0.41	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
179601-23-1	p- & m- Xylenes	2.8		ug/m ³	0.81	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
622-96-8	* p-Ethyltoluene	1.2		ug/m ³	0.46	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
115-07-1	* Propylene	ND		ug/m ³	0.16	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
100-42-5	Styrene	0.40		ug/m ³	0.40	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
127-18-4	Tetrachloroethylene	1.2		ug/m ³	0.64	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
109-99-9	* Tetrahydrofuran	1.3		ug/m ³	0.55	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
108-88-3	Toluene	8.1		ug/m ³	0.35	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.37	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.43	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
79-01-6	Trichloroethylene	ND		ug/m ³	0.13	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	1.8		ug/m ³	0.53	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	0.33	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	0.41	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.12	0.938	EPA TO-15	12/15/2020 09:00	12/15/2020 20:21	LLJ



Sample Information

Client Sample ID: 1611201210-04

York Sample ID: 20L0735-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0735

20040181.B3N Former Hudson Wire Mill

Indoor Ambient Air December 10, 2020 10:54 am

12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.57	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.45	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.57	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.64	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.45	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.34	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.082	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.62	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
95-63-6	1,2,4-Trimethylbenzene	1.7		ug/m ³	0.41	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.64	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.50	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
107-06-2	1,2-Dichloroethane	0.34		ug/m ³	0.34	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.38	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.58	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
108-67-8	1,3,5-Trimethylbenzene	0.69		ug/m ³	0.41	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	0.55	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.50	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.38	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.50	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	0.60	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
78-93-3	2-Butanone	2.4		ug/m ³	0.24	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	0.68	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	1.3	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ



Sample Information

Client Sample ID: 1611201210-04

York Sample ID: 20L0735-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0735

20040181.B3N Former Hudson Wire Mill

Indoor Ambient Air December 10, 2020 10:54 am

12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	0.65	TO-CC V, TO-LC S-L	ug/m ³	0.34	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/17/2020 21:01	LLJ
67-64-1	Acetone	13		ug/m ³	0.39	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/17/2020 21:01	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.18	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/17/2020 21:01	LLJ
71-43-2	Benzene	1.4		ug/m ³	0.27	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/17/2020 21:01	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	0.43	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/17/2020 21:01	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	0.56	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/17/2020 21:01	LLJ
75-25-2	Bromoform	ND		ug/m ³	0.86	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/17/2020 21:01	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.32	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/17/2020 21:01	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	0.26	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/17/2020 21:01	LLJ
56-23-5	Carbon tetrachloride	0.57		ug/m ³	0.13	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/17/2020 21:01	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.38	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/17/2020 21:01	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.22	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/17/2020 21:01	LLJ
67-66-3	Chloroform	0.53		ug/m ³	0.41	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/17/2020 21:01	LLJ
74-87-3	Chloromethane	1.1		ug/m ³	0.17	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/17/2020 21:01	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.082	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/17/2020 21:01	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.38	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/17/2020 21:01	LLJ
110-82-7	Cyclohexane	1.4		ug/m ³	0.29	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/17/2020 21:01	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	0.71	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/17/2020 21:01	LLJ
75-71-8	Dichlorodifluoromethane	2.7		ug/m ³	0.41	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/17/2020 21:01	LLJ
141-78-6	* Ethyl acetate	1.4		ug/m ³	0.60	0.83	EPA TO-15 Certifications:	12/17/2020 09:00	12/17/2020 21:01	LLJ
100-41-4	Ethyl Benzene	1.5		ug/m ³	0.36	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/17/2020 21:01	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.89	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/17/2020 21:01	LLJ
67-63-0	Isopropanol	10		ug/m ³	0.41	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/17/2020 21:01	LLJ



Sample Information

Client Sample ID: 1611201210-04

York Sample ID: 20L0735-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0735

20040181.B3N Former Hudson Wire Mill

Indoor Ambient Air December 10, 2020 10:54 am

12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.34	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.30	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
75-09-2	Methylene chloride	6.0		ug/m ³	0.58	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
142-82-5	n-Heptane	1.7		ug/m ³	0.34	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
110-54-3	n-Hexane	5.7		ug/m ³	0.29	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
95-47-6	o-Xylene	2.0		ug/m ³	0.36	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
179601-23-1	p- & m- Xylenes	5.2		ug/m ³	0.72	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
622-96-8	* p-Ethyltoluene	2.0		ug/m ³	0.41	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
115-07-1	* Propylene	ND		ug/m ³	0.14	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
100-42-5	Styrene	ND		ug/m ³	0.35	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
127-18-4	Tetrachloroethylene	1.2		ug/m ³	0.56	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
109-99-9	* Tetrahydrofuran	1.2		ug/m ³	0.49	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
108-88-3	Toluene	9.4		ug/m ³	0.31	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.33	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.38	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
79-01-6	Trichloroethylene	ND		ug/m ³	0.11	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	7.5		ug/m ³	0.47	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	0.29	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	0.36	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.11	0.83	EPA TO-15	12/17/2020 09:00	12/17/2020 21:01	LLJ



Sample Information

Client Sample ID: 1611201210-05

York Sample ID: 20L0735-05

York Project (SDG) No.
20L0735

Client Project ID
20040181.B3N Former Hudson Wire Mill

Matrix Collection Date/Time
Indoor Ambient Air December 10, 2020 11:15 am

Date Received
12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.52	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.42	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.52	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.59	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.42	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.31	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.076	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.57	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
95-63-6	1,2,4-Trimethylbenzene	0.68		ug/m ³	0.38	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.59	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.46	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.31	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.35	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.53	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.38	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	0.51	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.46	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.35	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
106-46-7	1,4-Dichlorobenzene	0.55		ug/m ³	0.46	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	0.55	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
78-93-3	2-Butanone	4.8		ug/m ³	0.23	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	0.63	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	1.2	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.31	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ



Sample Information

Client Sample ID: 1611201210-05

York Sample ID: 20L0735-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0735

20040181.B3N Former Hudson Wire Mill

Indoor Ambient Air December 10, 2020 11:15 am

12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	29		ug/m ³	0.36	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.17	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
71-43-2	Benzene	0.73		ug/m ³	0.24	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	0.40	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	0.51	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
75-25-2	Bromoform	ND		ug/m ³	0.79	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.30	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	0.24	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
56-23-5	Carbon tetrachloride	0.53		ug/m ³	0.12	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.35	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.20	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
67-66-3	Chloroform	ND		ug/m ³	0.37	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
74-87-3	Chloromethane	1.4		ug/m ³	0.16	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.076	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.35	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
110-82-7	Cyclohexane	5.0		ug/m ³	0.26	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	0.65	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
75-71-8	Dichlorodifluoromethane	2.3		ug/m ³	0.38	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
141-78-6	* Ethyl acetate	10		ug/m ³	0.55	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
100-41-4	Ethyl Benzene	ND		ug/m ³	0.33	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.81	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
67-63-0	Isopropanol	34		ug/m ³	0.38	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.31	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.28	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ



Sample Information

Client Sample ID: 1611201210-05

York Sample ID: 20L0735-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0735

20040181.B3N Former Hudson Wire Mill

Indoor Ambient Air December 10, 2020 11:15 am

12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	0.85		ug/m ³	0.53	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
142-82-5	n-Heptane	1.3		ug/m ³	0.31	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
110-54-3	n-Hexane	1.1		ug/m ³	0.27	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
95-47-6	o-Xylene	ND		ug/m ³	0.33	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
179601-23-1	p- & m- Xylenes	0.80		ug/m ³	0.66	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
622-96-8	* p-Ethyltoluene	0.56		ug/m ³	0.38	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
115-07-1	* Propylene	ND		ug/m ³	0.13	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
100-42-5	Styrene	ND		ug/m ³	0.33	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
127-18-4	Tetrachloroethylene	1.6		ug/m ³	0.52	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
109-99-9	* Tetrahydrofuran	0.95		ug/m ³	0.45	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
108-88-3	Toluene	2.7		ug/m ³	0.29	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.30	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.35	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
79-01-6	Trichloroethylene	ND		ug/m ³	0.10	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	2.6		ug/m ³	0.43	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	0.27	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	0.33	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.098	0.764	EPA TO-15	12/17/2020 09:00	12/18/2020 02:43	LLJ

Sample Information

Client Sample ID: 1611201210-06

York Sample ID: 20L0735-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0735

20040181.B3N Former Hudson Wire Mill

Indoor Ambient Air December 10, 2020 11:30 am

12/15/2020



Sample Information

Client Sample ID: 1611201210-06

York Sample ID: 20L0735-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0735

20040181.B3N Former Hudson Wire Mill

Indoor Ambient Air December 10, 2020 11:30 am

12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.55	0.808	EPA TO-15 Certifications:	12/17/2020 09:00	12/18/2020 03:42	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.44	0.808	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 03:42	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.55	0.808	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 03:42	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.62	0.808	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 03:42	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.44	0.808	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 03:42	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.33	0.808	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 03:42	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.080	0.808	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 03:42	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.60	0.808	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 03:42	LLJ
95-63-6	1,2,4-Trimethylbenzene	0.48		ug/m ³	0.40	0.808	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 03:42	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.62	0.808	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 03:42	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.49	0.808	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 03:42	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.33	0.808	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 03:42	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.37	0.808	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 03:42	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.56	0.808	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 03:42	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.40	0.808	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 03:42	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	0.54	0.808	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 03:42	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.49	0.808	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 03:42	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.37	0.808	EPA TO-15 Certifications:	12/17/2020 09:00	12/18/2020 03:42	LLJ
106-46-7	1,4-Dichlorobenzene	0.87		ug/m ³	0.49	0.808	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 03:42	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	0.58	0.808	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 03:42	LLJ
78-93-3	2-Butanone	2.0		ug/m ³	0.24	0.808	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 03:42	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	0.66	0.808	EPA TO-15 Certifications:	12/17/2020 09:00	12/18/2020 03:42	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	1.3	0.808	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 03:42	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.33	0.808	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 03:42	LLJ



Sample Information

Client Sample ID: 1611201210-06

York Sample ID: 20L0735-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0735

20040181.B3N Former Hudson Wire Mill

Indoor Ambient Air December 10, 2020 11:30 am

12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	26		ug/m ³	0.38	0.808	EPA TO-15	12/17/2020 09:00	12/18/2020 03:42	LLJ
								Certifications: NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m ³	0.18	0.808	EPA TO-15	12/17/2020 09:00	12/18/2020 03:42	LLJ
								Certifications: NELAC-NY12058,NJDEP-Queens		
71-43-2	Benzene	0.88		ug/m ³	0.26	0.808	EPA TO-15	12/17/2020 09:00	12/18/2020 03:42	LLJ
								Certifications: NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m ³	0.42	0.808	EPA TO-15	12/17/2020 09:00	12/18/2020 03:42	LLJ
								Certifications: NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m ³	0.54	0.808	EPA TO-15	12/17/2020 09:00	12/18/2020 03:42	LLJ
								Certifications: NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m ³	0.84	0.808	EPA TO-15	12/17/2020 09:00	12/18/2020 03:42	LLJ
								Certifications: NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m ³	0.31	0.808	EPA TO-15	12/17/2020 09:00	12/18/2020 03:42	LLJ
								Certifications: NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m ³	0.25	0.808	EPA TO-15	12/17/2020 09:00	12/18/2020 03:42	LLJ
								Certifications: NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	0.51		ug/m ³	0.13	0.808	EPA TO-15	12/17/2020 09:00	12/18/2020 03:42	LLJ
								Certifications: NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m ³	0.37	0.808	EPA TO-15	12/17/2020 09:00	12/18/2020 03:42	LLJ
								Certifications: NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m ³	0.21	0.808	EPA TO-15	12/17/2020 09:00	12/18/2020 03:42	LLJ
								Certifications: NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m ³	0.39	0.808	EPA TO-15	12/17/2020 09:00	12/18/2020 03:42	LLJ
								Certifications: NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	1.1		ug/m ³	0.17	0.808	EPA TO-15	12/17/2020 09:00	12/18/2020 03:42	LLJ
								Certifications: NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.080	0.808	EPA TO-15	12/17/2020 09:00	12/18/2020 03:42	LLJ
								Certifications: NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.37	0.808	EPA TO-15	12/17/2020 09:00	12/18/2020 03:42	LLJ
								Certifications: NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	1.9		ug/m ³	0.28	0.808	EPA TO-15	12/17/2020 09:00	12/18/2020 03:42	LLJ
								Certifications: NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m ³	0.69	0.808	EPA TO-15	12/17/2020 09:00	12/18/2020 03:42	LLJ
								Certifications: NELAC-NY12058,NJDEP-Queens		
75-71-8	Dichlorodifluoromethane	2.4		ug/m ³	0.40	0.808	EPA TO-15	12/17/2020 09:00	12/18/2020 03:42	LLJ
								Certifications: NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	3.6		ug/m ³	0.58	0.808	EPA TO-15	12/17/2020 09:00	12/18/2020 03:42	LLJ
								Certifications:		
100-41-4	Ethyl Benzene	0.49		ug/m ³	0.35	0.808	EPA TO-15	12/17/2020 09:00	12/18/2020 03:42	LLJ
								Certifications: NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.86	0.808	EPA TO-15	12/17/2020 09:00	12/18/2020 03:42	LLJ
								Certifications: NELAC-NY12058,NJDEP-Queens		
67-63-0	Isopropanol	42		ug/m ³	0.40	0.808	EPA TO-15	12/17/2020 09:00	12/18/2020 03:42	LLJ
								Certifications: NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	1.7		ug/m ³	0.33	0.808	EPA TO-15	12/17/2020 09:00	12/18/2020 03:42	LLJ
								Certifications: NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.29	0.808	EPA TO-15	12/17/2020 09:00	12/18/2020 03:42	LLJ
								Certifications: NELAC-NY12058,NJDEP-Queens		



Sample Information

Client Sample ID: 1611201210-06

York Sample ID: 20L0735-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0735

20040181.B3N Former Hudson Wire Mill

Indoor Ambient Air December 10, 2020 11:30 am

12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Methylene chloride, n-Heptane, n-Hexane, o-Xylene, p- & m- Xylenes, p-Ethyltoluene, Propylene, Styrene, Tetrachloroethylene, Tetrahydrofuran, Toluene, trans-1,2-Dichloroethylene, trans-1,3-Dichloropropylene, Trichloroethylene, Trichlorofluoromethane (Freon 11), Vinyl acetate, Vinyl bromide, Vinyl Chloride.

Sample Information

Client Sample ID: 1611201210-07

York Sample ID: 20L0735-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0735

20040181.B3N Former Hudson Wire Mill

Indoor Ambient Air December 10, 2020 10:30 am

12/15/2020



Sample Information

Client Sample ID: 1611201210-07

York Sample ID: 20L0735-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0735

20040181.B3N Former Hudson Wire Mill

Indoor Ambient Air December 10, 2020 10:30 am

12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.52	0.751	EPA TO-15 Certifications:	12/17/2020 09:00	12/18/2020 04:41	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.41	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.52	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.58	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.41	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.30	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.074	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.56	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
95-63-6	1,2,4-Trimethylbenzene	0.70		ug/m ³	0.37	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.58	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.45	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
107-06-2	1,2-Dichloroethane	0.67		ug/m ³	0.30	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.35	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.52	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.37	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	0.50	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.45	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.35	0.751	EPA TO-15 Certifications:	12/17/2020 09:00	12/18/2020 04:41	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.45	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	0.54	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
78-93-3	2-Butanone	4.3		ug/m ³	0.22	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	0.62	0.751	EPA TO-15 Certifications:	12/17/2020 09:00	12/18/2020 04:41	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	1.2	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ



Sample Information

Client Sample ID: 1611201210-07

York Sample ID: 20L0735-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0735

20040181.B3N Former Hudson Wire Mill

Indoor Ambient Air December 10, 2020 10:30 am

12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	0.40	TO-CC V, TO-LC S-L	ug/m ³	0.31	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
67-64-1	Acetone	38		ug/m ³	0.36	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.16	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
71-43-2	Benzene	0.96		ug/m ³	0.24	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	0.39	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	0.50	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
75-25-2	Bromoform	ND		ug/m ³	0.78	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.29	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	0.23	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
56-23-5	Carbon tetrachloride	0.52		ug/m ³	0.12	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.35	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.20	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
67-66-3	Chloroform	ND		ug/m ³	0.37	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
74-87-3	Chloromethane	1.2		ug/m ³	0.16	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.074	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.34	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
110-82-7	Cyclohexane	3.1		ug/m ³	0.26	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	0.64	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
75-71-8	Dichlorodifluoromethane	2.5		ug/m ³	0.37	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
141-78-6	* Ethyl acetate	6.4		ug/m ³	0.54	0.751	EPA TO-15 Certifications:	12/17/2020 09:00	12/18/2020 04:41	LLJ
100-41-4	Ethyl Benzene	0.65		ug/m ³	0.33	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.80	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
67-63-0	Isopropanol	39		ug/m ³	0.37	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ



Sample Information

Client Sample ID: 1611201210-07

York Sample ID: 20L0735-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0735

20040181.B3N Former Hudson Wire Mill

Indoor Ambient Air December 10, 2020 10:30 am

12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.31	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.27	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
75-09-2	Methylene chloride	1.7		ug/m ³	0.52	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
142-82-5	n-Heptane	1.1		ug/m ³	0.31	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
110-54-3	n-Hexane	1.3		ug/m ³	0.26	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
95-47-6	o-Xylene	0.65		ug/m ³	0.33	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
179601-23-1	p- & m- Xylenes	1.7		ug/m ³	0.65	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
622-96-8	* p-Ethyltoluene	0.74		ug/m ³	0.37	0.751	EPA TO-15 Certifications:	12/17/2020 09:00	12/18/2020 04:41	LLJ
115-07-1	* Propylene	ND		ug/m ³	0.13	0.751	EPA TO-15 Certifications:	12/17/2020 09:00	12/18/2020 04:41	LLJ
100-42-5	Styrene	0.35		ug/m ³	0.32	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
127-18-4	Tetrachloroethylene	1.1		ug/m ³	0.51	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
109-99-9	* Tetrahydrofuran	1.2		ug/m ³	0.44	0.751	EPA TO-15 Certifications:	12/17/2020 09:00	12/18/2020 04:41	LLJ
108-88-3	Toluene	4.6		ug/m ³	0.28	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.30	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.34	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
79-01-6	Trichloroethylene	ND		ug/m ³	0.10	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	3.4		ug/m ³	0.42	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	0.26	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	0.33	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.096	0.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 04:41	LLJ



Sample Information

Client Sample ID: 1611201210-08

York Sample ID: 20L0735-08

York Project (SDG) No. 20L0735

Client Project ID 20040181.B3N Former Hudson Wire Mill

Matrix outdoor Ambient Air Collection Date/Time December 10, 2020 10:33 am

Date Received 12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Contains 20 rows of chemical analysis data.



Sample Information

Client Sample ID: 1611201210-08

York Sample ID: 20L0735-08

York Project (SDG) No. 20L0735

Client Project ID 20040181.B3N Former Hudson Wire Mill

Matrix outdoor Ambient Air Collection Date/Time December 10, 2020 10:33 am

Date Received 12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Acetone, Acrylonitrile, Benzene, Benzyl chloride, Bromodichloromethane, Bromoform, Bromomethane, Carbon disulfide, Carbon tetrachloride, Chlorobenzene, Chloroethane, Chloroform, Chloromethane, cis-1,2-Dichloroethylene, cis-1,3-Dichloropropylene, Cyclohexane, Dibromochloromethane, Dichlorodifluoromethane, Ethyl acetate, Ethyl Benzene, Hexachlorobutadiene, Isopropanol, Methyl Methacrylate, Methyl tert-butyl ether (MTBE).



Sample Information

Client Sample ID: 1611201210-08

York Sample ID: 20L0735-08

York Project (SDG) No.
20L0735

Client Project ID
20040181.B3N Former Hudson Wire Mill

Matrix Collection Date/Time
Outdoor Ambient Air December 10, 2020 10:33 am

Date Received
12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	2.1		ug/m ³	0.86	1.235	EPA TO-15	12/17/2020 09:00	12/18/2020 05:40	LLJ
						Certifications: NELAC-NY12058,NJDEP-Queens				
142-82-5	n-Heptane	ND		ug/m ³	0.51	1.235	EPA TO-15	12/17/2020 09:00	12/18/2020 05:40	LLJ
						Certifications: NELAC-NY12058,NJDEP-Queens				
110-54-3	n-Hexane	1.2		ug/m ³	0.44	1.235	EPA TO-15	12/17/2020 09:00	12/18/2020 05:40	LLJ
						Certifications: NELAC-NY12058,NJDEP-Queens				
95-47-6	o-Xylene	ND		ug/m ³	0.54	1.235	EPA TO-15	12/17/2020 09:00	12/18/2020 05:40	LLJ
						Certifications: NELAC-NY12058,NJDEP-Queens				
179601-23-1	p- & m- Xylenes	ND		ug/m ³	1.1	1.235	EPA TO-15	12/17/2020 09:00	12/18/2020 05:40	LLJ
						Certifications: NELAC-NY12058,NJDEP-Queens				
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.61	1.235	EPA TO-15	12/17/2020 09:00	12/18/2020 05:40	LLJ
						Certifications:				
115-07-1	* Propylene	ND		ug/m ³	0.21	1.235	EPA TO-15	12/17/2020 09:00	12/18/2020 05:40	LLJ
						Certifications:				
100-42-5	Styrene	ND		ug/m ³	0.53	1.235	EPA TO-15	12/17/2020 09:00	12/18/2020 05:40	LLJ
						Certifications: NELAC-NY12058,NJDEP-Queens				
127-18-4	Tetrachloroethylene	0.92		ug/m ³	0.84	1.235	EPA TO-15	12/17/2020 09:00	12/18/2020 05:40	LLJ
						Certifications: NELAC-NY12058,NJDEP-Queens				
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.73	1.235	EPA TO-15	12/17/2020 09:00	12/18/2020 05:40	LLJ
						Certifications:				
108-88-3	Toluene	1.3		ug/m ³	0.47	1.235	EPA TO-15	12/17/2020 09:00	12/18/2020 05:40	LLJ
						Certifications: NELAC-NY12058,NJDEP-Queens				
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.49	1.235	EPA TO-15	12/17/2020 09:00	12/18/2020 05:40	LLJ
						Certifications: NELAC-NY12058,NJDEP-Queens				
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.56	1.235	EPA TO-15	12/17/2020 09:00	12/18/2020 05:40	LLJ
						Certifications: NELAC-NY12058,NJDEP-Queens				
79-01-6	Trichloroethylene	ND		ug/m ³	0.17	1.235	EPA TO-15	12/17/2020 09:00	12/18/2020 05:40	LLJ
						Certifications: NELAC-NY12058,NJDEP-Queens				
75-69-4	Trichlorofluoromethane (Freon 11)	1.5		ug/m ³	0.69	1.235	EPA TO-15	12/17/2020 09:00	12/18/2020 05:40	LLJ
						Certifications: NELAC-NY12058,NJDEP-Queens				
108-05-4	Vinyl acetate	ND		ug/m ³	0.43	1.235	EPA TO-15	12/17/2020 09:00	12/18/2020 05:40	LLJ
						Certifications: NELAC-NY12058,NJDEP-Queens				
593-60-2	Vinyl bromide	ND		ug/m ³	0.54	1.235	EPA TO-15	12/17/2020 09:00	12/18/2020 05:40	LLJ
						Certifications: NELAC-NY12058,NJDEP-Queens				
75-01-4	Vinyl Chloride	ND		ug/m ³	0.16	1.235	EPA TO-15	12/17/2020 09:00	12/18/2020 05:40	LLJ
						Certifications: NELAC-NY12058,NJDEP-Queens				

Sample Information

Client Sample ID: 1611201210-09

York Sample ID: 20L0735-09

York Project (SDG) No.
20L0735

Client Project ID
20040181.B3N Former Hudson Wire Mill

Matrix Collection Date/Time
Indoor Ambient Air December 10, 2020 12:00 am

Date Received
12/15/2020



Sample Information

Client Sample ID: 1611201210-09

York Sample ID: 20L0735-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0735

20040181.B3N Former Hudson Wire Mill

Indoor Ambient Air December 10, 2020 12:00 am

12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.70	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
71-55-6	1,1,1-Trichloroethane	1.2		ug/m ³	0.56	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.70	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.78	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.56	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.41	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.10	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.76	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
95-63-6	1,2,4-Trimethylbenzene	5.0		ug/m ³	0.50	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.78	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.61	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.41	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.47	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.71	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
108-67-8	1,3,5-Trimethylbenzene	1.4		ug/m ³	0.50	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
106-99-0	1,3-Butadiene	2.0		ug/m ³	0.68	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.61	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.47	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.61	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	0.73	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
78-93-3	2-Butanone	8.1		ug/m ³	0.30	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	0.83	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	1.6	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ



Sample Information

Client Sample ID: 1611201210-09

York Sample ID: 20L0735-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0735

20040181.B3N Former Hudson Wire Mill

Indoor Ambient Air December 10, 2020 12:00 am

12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	5.3	TO-CC V, TO-LC S-L	ug/m ³	0.42	1.019	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 06:39	LLJ
67-64-1	Acetone	140		ug/m ³	0.91	1.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/18/2020 18:00	12/19/2020 07:10	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.22	1.019	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 06:39	LLJ
71-43-2	Benzene	7.8		ug/m ³	0.33	1.019	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 06:39	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	0.53	1.019	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 06:39	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	0.68	1.019	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 06:39	LLJ
75-25-2	Bromoform	ND		ug/m ³	1.1	1.019	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 06:39	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.40	1.019	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 06:39	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	0.32	1.019	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 06:39	LLJ
56-23-5	Carbon tetrachloride	0.51		ug/m ³	0.16	1.019	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 06:39	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.47	1.019	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 06:39	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.27	1.019	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 06:39	LLJ
67-66-3	Chloroform	0.65		ug/m ³	0.50	1.019	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 06:39	LLJ
74-87-3	Chloromethane	1.2		ug/m ³	0.21	1.019	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 06:39	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.10	1.019	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 06:39	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.46	1.019	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 06:39	LLJ
110-82-7	Cyclohexane	4.8		ug/m ³	0.35	1.019	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 06:39	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	0.87	1.019	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 06:39	LLJ
75-71-8	Dichlorodifluoromethane	2.3		ug/m ³	0.50	1.019	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 06:39	LLJ
141-78-6	* Ethyl acetate	9.8		ug/m ³	0.73	1.019	EPA TO-15 Certifications:	12/17/2020 09:00	12/18/2020 06:39	LLJ
100-41-4	Ethyl Benzene	11		ug/m ³	0.44	1.019	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 06:39	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.1	1.019	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 06:39	LLJ
67-63-0	Isopropanol	12		ug/m ³	0.50	1.019	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/17/2020 09:00	12/18/2020 06:39	LLJ



Sample Information

Client Sample ID: 1611201210-09

York Sample ID: 20L0735-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0735

20040181.B3N Former Hudson Wire Mill

Indoor Ambient Air December 10, 2020 12:00 am

12/15/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	3.8		ug/m ³	0.42	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.37	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
75-09-2	Methylene chloride	3.5		ug/m ³	0.71	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
142-82-5	n-Heptane	9.9		ug/m ³	0.42	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
110-54-3	n-Hexane	38		ug/m ³	0.36	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
95-47-6	o-Xylene	12		ug/m ³	0.44	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
179601-23-1	p- & m- Xylenes	43		ug/m ³	0.88	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
622-96-8	* p-Ethyltoluene	4.6		ug/m ³	0.50	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
115-07-1	* Propylene	ND		ug/m ³	0.18	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
100-42-5	Styrene	ND		ug/m ³	0.43	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.69	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.60	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
108-88-3	Toluene	20		ug/m ³	0.38	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.40	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.46	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
79-01-6	Trichloroethylene	1.4		ug/m ³	0.14	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	1.4		ug/m ³	0.57	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	0.36	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	0.45	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.13	1.019	EPA TO-15	12/17/2020 09:00	12/18/2020 06:39	LLJ



CASE NARRATIVE

York Project/SDG No.: 20L0735
Client: Fuss & O'Neill, Inc.
Client Project ID: 20040181.B3N Former Hudson Wire Mill
Prepared for: Kyle Gearwar

Introduction

This Case Narrative applies only to the samples submitted to our laboratory on **12/15/2020 12:30** as detailed on the chain-of-custody form.

The 9 sample(s) were received intact in a custody-sealed cooler(s), unless otherwise noted.

Upon receipt, cooler temperature(s) was determined using a NIST traceable digital infrared thermometer. The cooler temperature was acceptable ($\leq 6^{\circ}\text{C}$) and documented as:

Cooler **Temp C°**
Default Cooler

Chain-of-custody was maintained from receipt through analysis in the laboratory.

Methodology

All preparation and analyses were conducted according to the appropriate EPA methods detailed in the report.

Client Sample Information and Non-Conformances

<u>Laboratory ID</u>	<u>Sample Name</u>	<u>Matrix</u>			
20L0735-01	1611201210-01	Air			
20L0735-02	1611201210-02	Air			
20L0735-03	1611201210-03	Air			
20L0735-04	1611201210-04	Air			
20L0735-05	1611201210-05	Air			
20L0735-06	1611201210-06	Air			
20L0735-07	1611201210-07	Air			
20L0735-08	1611201210-08	Air			
20L0735-09	1611201210-09	Air			
<u>Laboratory ID</u>	<u>Sample Name</u>	<u>Analysis</u>	<u>Analyte</u>	<u>Qualifier</u>	<u>Description</u>
20L0735-03	1611201210-03	Volatile Organics, EPA TO15 Full List	-	TO-VAC	The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.
20L0735-04	1611201210-04	Volatile Organics, EPA TO15 Full List	-	TO-VAC	The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.
20L0735-05	1611201210-05	Volatile Organics, EPA TO15 Full List	-	TO-VAC	The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.
20L0735-07	1611201210-07	Volatile Organics, EPA TO15 Full List	-	TO-VAC	The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.



Any additional Client Sample Non-conformances are detailed in the proceeding Case Narrative Non-Conformance Summary tables.

No other problems were encountered during analysis.

QC Sample Non-Conformances

Any QC sample Non-conformances (SCV, CCV, BS, BSD, SRM, PS, MS, MSD, DUP) are detailed in the proceeding Case Narrative Non-Conformance Summary tables.

No other problems were encountered during analysis.

York Project/SDG no.: 20L0735 Statement

We certify that these data are in compliance with SOP requirements both technically and for completeness for other than the conditions stated above. Release of the data contained in the hard copy report and any electronic data deliverables has been authorized by the Laboratory Manager as verified by the signature on this laboratory report.

Approved by: Ben Gulizia
Laboratory Director

Date: 12/22/20

York Analytical Laboratories, Inc.
Formulae Used for Sample Calculations

1. **Volatile Organics** (Water-ug/L or Soil-ug/Kg)

Soils/Waters

Medium Level Soils

$$C_x = \frac{(A_x)(IS)(DF)}{(A_{is})(RRF)(V)(\% \text{ solids})}$$

$$C_x = \frac{(A_x)(IS)(VT)(1000)(DF)}{(A_{is})(RRF)(VA)(V)(\% \text{ solids})}$$

2. **Semi-Volatiles** (Water-ug/L or Soil-ug/Kg)

$$C_x = \frac{(A_x)(IS)(VE)(DF)}{(A_{is})(RRF)(\text{Volume injected, uL})(V)(\% \text{ solids})}$$

3. **Pesticides/PCB, DRO, EPH, CTETPH** (Water-ug/L or Soil-ug/Kg)

$$C_x = \frac{(A_x)(VE)(DF)}{(CF)(\text{Volume injected, uL})(V)(\% \text{ solids})}$$

4. **Inorganics** (Water or Soil-ug/mL)



$$C_x = \frac{(\text{Conc.})(\text{VE})}{(V)(\% \text{ solids}/100)}$$

WHERE:

- C_x = concentration of analyte as ug/L or ug/kg
- A_x = Area of the characteristic ion for the compound to be measured, counts
- A_{is} = Area of the characteristic ion for the specific internal standard, counts
- IS = Concentration of the internal standard spiking mixture, ng
- RRF = Mean relative response factor from the initial calibration
- DF = Dilution factor calculated as described in section 2. If no dilution is performed, DF= 1
- V = Volume for liquids in mL, weight for soils/solids in grams
- V_A = volume of MeOH aliquot for medium level soils
- V_E = final volume of concentrated extract or digestate
- V_T = volume of MeOH for volatiles medium level soils
- CF = calibration factor for external calibration used in GC pest/pcb
- C_{is} = Concentration of the internal standard spiking mixture, ppbv



Case Narrative Non-Conformance Summary

Laboratory: York Analytical Laboratories, Inc. Client:
 Project: Lab Project No:
 Laboratory Sample ID(s): -01 - -09RE1 Sampling Date(s): 12/10/2020 - 12/10/2020
 Review Date(s): - Laboratory Reviewer(s):

QC Sample Nonconformances

Batch ID: BL00835 **Affected Samples:** See Batch Summary

QC Sample ID	Analyte - CAS No.	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Notes
BL00835-BS1	1,2-Dichloropropane - 78-87-5	6.87 ppbv	LCS	68.7	70-130	Low Bias				
BL00835-BS1	4-Methyl-2-pentanone - 108-10-1	6.61 ppbv	LCS	66.1	70-130	Low Bias				

Batch ID: BL01021 **Affected Samples:** See Batch Summary

QC Sample ID	Analyte - CAS No.	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Notes
BL01021-BS1	1,2-Dichloropropane - 78-87-5	6.58 ppbv	LCS	65.8	70-130	Low Bias				
BL01021-BS1	4-Methyl-2-pentanone - 108-10-1	6.34 ppbv	LCS	63.4	70-130	Low Bias				
BL01021-DUP1	Chloromethane - 74-87-3	1.4 ug/m ³	Duplicate (1611201210-04)		-		27.8	25	Non-dir.	

Batch ID: BL01055 **Affected Samples:** See Batch Summary

QC Sample ID	Analyte - CAS No.	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Notes
BL01055-BS1	1,2-Dichloropropane - 78-87-5	6.63 ppbv	LCS	66.3	70-130	Low Bias				
BL01055-BS1	4-Methyl-2-pentanone - 108-10-1	6.37 ppbv	LCS	63.7	70-130	Low Bias				

Batch ID: Y0L1826 **Affected Samples:** See Batch Summary

QC Sample ID	Analyte - CAS No.	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Notes
Y0L1826-CCV1	1,2-Dichloropropane - 78-87-5	6.45 ppbv	Calibration Check	64.5	70-130	Low Bias				
Y0L1826-CCV1	4-Methyl-2-pentanone - 108-10-1	6.26 ppbv	Calibration Check	62.6	70-130	Low Bias				

Batch ID: Y0L1838 **Affected Samples:** See Batch Summary

QC Sample ID	Analyte - CAS No.	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Notes
Y0L1838-CCV1	1,2-Dichloropropane - 78-87-5	6.48 ppbv	Calibration Check	64.8	70-130	Low Bias				
Y0L1838-CCV1	2-Hexanone - 591-78-6	6.97 ppbv	Calibration Check	69.7	70-130	Low Bias				
Y0L1838-CCV1	4-Methyl-2-pentanone - 108-10-1	6.17 ppbv	Calibration Check	61.7	70-130	Low Bias				



Batch ID: Y0L2129 **Affected Samples:** **See Batch Summary**

QC Sample ID	Analyte - CAS No.	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Notes
Y0L2129-CCV1	1,2-Dichloropropane - 78-87-5	6.79 ppbv	Calibration Check	67.9	70-130	Low Bias				
Y0L2129-CCV1	4-Methyl-2-pentanone - 108-10-1	6.67 ppbv	Calibration Check	66.7	70-130	Low Bias				
Y0L2129-CCV1	Bromomethane - 74-83-9	6.88 ppbv	Calibration Check	68.8	70-130	Low Bias				

Batch ID: Y0L2154 **Affected Samples:** **See Batch Summary**

QC Sample ID	Analyte - CAS No.	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Notes
Y0L2154-CCV1	1,2-Dichloropropane - 78-87-5	6.55 ppbv	Calibration Check	65.5	70-130	Low Bias				
Y0L2154-CCV1	2-Hexanone - 591-78-6	6.98 ppbv	Calibration Check	69.8	70-130	Low Bias				
Y0L2154-CCV1	4-Methyl-2-pentanone - 108-10-1	6.33 ppbv	Calibration Check	63.3	70-130	Low Bias				
Y0L2154-CCV1	Chloromethane - 74-87-3	13.1 ppbv	Calibration Check	131	70-130	High Bias				

Batch ID: BL00835 **General Method:** Volatile Organic Compounds in Air by GC/MS

YORK Sample ID	Client Sample ID
20L0735-01	1611201210-01
20L0735-02	1611201210-02
20L0735-03	1611201210-03
BL00835-BLK1	Blank
BL00835-BS1	LCS
BL00835-DUP1	Duplicate

Batch ID: BL01021 **General Method:** Volatile Organic Compounds in Air by GC/MS

YORK Sample ID	Client Sample ID
20L0735-04	1611201210-04
20L0735-05	1611201210-05
20L0735-06	1611201210-06
20L0735-07	1611201210-07
20L0735-08	1611201210-08
20L0735-09	1611201210-09
BL01021-BLK1	Blank
BL01021-BS1	LCS
BL01021-DUP1	Duplicate

Batch ID: BL01055 **General Method:** Volatile Organic Compounds in Air by GC/MS

YORK Sample ID	Client Sample ID
20L0735-09RE1	1611201210-09
BL01055-BLK1	Blank
BL01055-BS1	LCS



No Sample Nonconformances Found

Notes: Other nonconformances, if any, are detailed in the Data Quality Assessment worksheets.

For multiple surrogate analyses such as semi-volatiles, volatiles, etc, single surrogate excursions do not necessarily indicate a bias in the sample. Samples with multiple surrogate excursions may exhibit a bias in the results.

Definitions: LCS - Laboratory Control Sample
LCS dup - Laboratory Control Sample Duplicate
MS - Matrix Spike
MSD - Matrix Spike Duplicate
BS - Blank Spike also called LCS
BSD - Blank Spike Duplicate also called LCS dup
SRM - Standard Reference Material
DUP - Duplicate



QC DATA QUALIFIERS

LabID	Analysis	Analyte	Qualifier	Definition
Y0L1838-CCV1	Volatile Organics, EPA TO15 Full List	2-Hexanone	TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
BL00835-BS1	Volatile Organics, EPA TO15 Full List	1,2-Dichloropropane	TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
BL00835-BS1	Volatile Organics, EPA TO15 Full List	4-Methyl-2-pentanone	TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
BL01021-BS1	Volatile Organics, EPA TO15 Full List	1,2-Dichloropropane	TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
BL01021-BS1	Volatile Organics, EPA TO15 Full List	4-Methyl-2-pentanone	TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
BL01055-BS1	Volatile Organics, EPA TO15 Full List	1,2-Dichloropropane	TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
BL01055-BS1	Volatile Organics, EPA TO15 Full List	4-Methyl-2-pentanone	TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
Y0L1826-CCV1	Volatile Organics, EPA TO15 Full List	1,2-Dichloropropane	TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
BL01021-DUP1	Volatile Organics, EPA TO15 Full List	Chloromethane	QR-01	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.



LabID	Analysis	Analyte	Qualifier	Definition
Y0L1838-CCV1	Volatile Organics, EPA TO15 Full List	1,2-Dichloropropane	TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
Y0L2154-CCV1	Volatile Organics, EPA TO15 Full List	1,2-Dichloropropane	TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
Y0L1838-CCV1	Volatile Organics, EPA TO15 Full List	4-Methyl-2-pentanone	TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
Y0L2129-CCV1	Volatile Organics, EPA TO15 Full List	1,2-Dichloropropane	TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
Y0L2129-CCV1	Volatile Organics, EPA TO15 Full List	4-Methyl-2-pentanone	TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
Y0L2129-CCV1	Volatile Organics, EPA TO15 Full List	Bromomethane	TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
Y0L2154-CCV1	Volatile Organics, EPA TO15 Full List	Chloromethane	TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
Y0L2154-CCV1	Volatile Organics, EPA TO15 Full List	4-Methyl-2-pentanone	TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
Y0L2154-CCV1	Volatile Organics, EPA TO15 Full List	2-Hexanone	TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
Y0L1826-CCV1	Volatile Organics, EPA TO15 Full List	4-Methyl-2-pentanone	TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).



Analytical Batch Summary

Batch ID: BL00835 **Preparation Method:** EPA TO15 PREP **Prepared By:** LLJ

YORK Sample ID	Client Sample ID	Preparation Date
20L0735-01	1611201210-01	12/15/20
20L0735-02	1611201210-02	12/15/20
20L0735-03	1611201210-03	12/15/20
BL00835-BLK1	Blank	12/15/20
BL00835-BS1	LCS	12/15/20
BL00835-DUP1	Duplicate	12/15/20

Batch ID: BL01021 **Preparation Method:** EPA TO15 PREP **Prepared By:** LLJ

YORK Sample ID	Client Sample ID	Preparation Date
20L0735-04	1611201210-04	12/17/20
20L0735-05	1611201210-05	12/17/20
20L0735-06	1611201210-06	12/17/20
20L0735-07	1611201210-07	12/17/20
20L0735-08	1611201210-08	12/17/20
20L0735-09	1611201210-09	12/17/20
BL01021-BLK1	Blank	12/17/20
BL01021-BS1	LCS	12/17/20
BL01021-DUP1	Duplicate	12/17/20

Batch ID: BL01055 **Preparation Method:** EPA TO15 PREP **Prepared By:** LLJ

YORK Sample ID	Client Sample ID	Preparation Date
20L0735-09RE1	1611201210-09	12/18/20
BL01055-BLK1	Blank	12/18/20
BL01055-BS1	LCS	12/18/20



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL00835 - EPA TO15 PREP

Blank (BL00835-BLK1)

Prepared & Analyzed: 12/15/2020

1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL00835 - EPA TO15 PREP

Blank (BL00835-BLK1)

Prepared & Analyzed: 12/15/2020

n-Hexane	ND	0.35	ug/m ³								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								

LCS (BL00835-BS1)

Prepared & Analyzed: 12/15/2020

1,1,1,2-Tetrachloroethane	8.80		ppbv	10.0		88.0	70-130				
1,1,1-Trichloroethane	11.2		"	10.0		112	70-130				
1,1,2,2-Tetrachloroethane	7.73		"	10.0		77.3	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9		"	10.0		109	70-130				
1,1,2-Trichloroethane	7.96		"	10.0		79.6	70-130				
1,1-Dichloroethane	9.23		"	10.0		92.3	70-130				
1,1-Dichloroethylene	9.27		"	10.0		92.7	70-130				
1,2,4-Trichlorobenzene	9.27		"	10.0		92.7	70-130				
1,2,4-Trimethylbenzene	9.01		"	10.0		90.1	70-130				
1,2-Dibromoethane	8.59		"	10.0		85.9	70-130				
1,2-Dichlorobenzene	10.4		"	10.0		104	70-130				
1,2-Dichloroethane	9.82		"	10.0		98.2	70-130				
1,2-Dichloropropane	6.87		"	10.0		68.7	70-130	Low Bias			
1,2-Dichlorotetrafluoroethane	8.37		"	10.0		83.7	70-130				
1,3,5-Trimethylbenzene	8.64		"	10.0		86.4	70-130				
1,3-Butadiene	9.07		"	10.0		90.7	70-130				
1,3-Dichlorobenzene	10.8		"	10.0		108	70-130				
1,3-Dichloropropane	7.42		"	10.0		74.2	70-130				
1,4-Dichlorobenzene	11.3		"	10.0		113	70-130				
1,4-Dioxane	7.85		"	10.0		78.5	70-130				
2-Butanone	8.63		"	10.0		86.3	70-130				
2-Hexanone	7.41		"	10.0		74.1	70-130				
3-Chloropropene	9.02		"	10.0		90.2	70-130				
4-Methyl-2-pentanone	6.61		"	10.0		66.1	70-130	Low Bias			
Acetone	10.6		"	10.0		106	70-130				
Acrylonitrile	9.01		"	10.0		90.1	70-130				
Benzene	9.82		"	10.0		98.2	70-130				
Benzyl chloride	8.34		"	10.0		83.4	70-130				
Bromodichloromethane	7.68		"	10.0		76.8	70-130				
Bromoform	10.8		"	10.0		108	70-130				
Bromomethane	8.52		"	10.0		85.2	70-130				
Carbon disulfide	10.1		"	10.0		101	70-130				
Carbon tetrachloride	12.6		"	10.0		126	70-130				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL00835 - EPA TO15 PREP

LCS (BL00835-BS1)

Prepared & Analyzed: 12/15/2020

Chlorobenzene	8.39		ppbv	10.0		83.9	70-130				
Chloroethane	9.69		"	10.0		96.9	70-130				
Chloroform	10.3		"	10.0		103	70-130				
Chloromethane	9.87		"	10.0		98.7	70-130				
cis-1,2-Dichloroethylene	9.32		"	10.0		93.2	70-130				
cis-1,3-Dichloropropylene	7.88		"	10.0		78.8	70-130				
Cyclohexane	9.27		"	10.0		92.7	70-130				
Dibromochloromethane	9.17		"	10.0		91.7	70-130				
Dichlorodifluoromethane	10.2		"	10.0		102	70-130				
Ethyl acetate	8.56		"	10.0		85.6	70-130				
Ethyl Benzene	8.09		"	10.0		80.9	70-130				
Hexachlorobutadiene	11.2		"	10.0		112	70-130				
Isopropanol	10.5		"	10.0		105	70-130				
Methyl Methacrylate	7.68		"	10.0		76.8	70-130				
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	70-130				
Methylene chloride	10.6		"	10.0		106	70-130				
n-Heptane	9.26		"	10.0		92.6	70-130				
n-Hexane	9.42		"	10.0		94.2	70-130				
o-Xylene	8.38		"	10.0		83.8	70-130				
p- & m- Xylenes	16.6		"	20.0		83.0	70-130				
p-Ethyltoluene	9.27		"	10.0		92.7	70-130				
Propylene	8.73		"	10.0		87.3	70-130				
Styrene	9.18		"	10.0		91.8	70-130				
Tetrachloroethylene	9.07		"	10.0		90.7	70-130				
Tetrahydrofuran	8.73		"	10.0		87.3	70-130				
Toluene	7.76		"	10.0		77.6	70-130				
trans-1,2-Dichloroethylene	9.61		"	10.0		96.1	70-130				
trans-1,3-Dichloropropylene	8.02		"	10.0		80.2	70-130				
Trichloroethylene	8.20		"	10.0		82.0	70-130				
Trichlorofluoromethane (Freon 11)	10.8		"	10.0		108	70-130				
Vinyl acetate	8.49		"	10.0		84.9	70-130				
Vinyl bromide	11.8		"	10.0		118	70-130				
Vinyl Chloride	9.45		"	10.0		94.5	70-130				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag	
Batch BL00835 - EPA TO15 PREP												
Duplicate (BL00835-DUP1)		*Source sample: 20L0735-03 (1611201210-03)					Prepared: 12/15/2020 Analyzed: 12/16/2020					
1,1,1,2-Tetrachloroethane	ND	0.64	ug/m ³		ND					25		
1,1,1-Trichloroethane	ND	0.51	"		ND					25		
1,1,2,2-Tetrachloroethane	ND	0.64	"		ND					25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.72	0.72	"		0.72				0.00	25		
1,1,2-Trichloroethane	ND	0.51	"		ND					25		
1,1-Dichloroethane	ND	0.38	"		ND					25		
1,1-Dichloroethylene	ND	0.093	"		ND					25		
1,2,4-Trichlorobenzene	0.56	0.70	"		ND					25		
1,2,4-Trimethylbenzene	1.7	0.46	"		1.6				5.71	25		
1,2-Dibromoethane	ND	0.72	"		ND					25		
1,2-Dichlorobenzene	ND	0.56	"		ND					25		
1,2-Dichloroethane	ND	0.38	"		ND					25		
1,2-Dichloropropane	ND	0.43	"		ND					25		
1,2-Dichlorotetrafluoroethane	ND	0.66	"		ND					25		
1,3,5-Trimethylbenzene	0.60	0.46	"		0.51				16.7	25		
1,3-Butadiene	ND	0.62	"		ND					25		
1,3-Dichlorobenzene	ND	0.56	"		ND					25		
1,3-Dichloropropane	ND	0.43	"		ND					25		
1,4-Dichlorobenzene	ND	0.56	"		ND					25		
1,4-Dioxane	ND	0.68	"		ND					25		
2-Butanone	3.8	0.28	"		3.6				3.75	25		
2-Hexanone	ND	0.77	"		ND					25		
3-Chloropropene	ND	1.5	"		ND					25		
4-Methyl-2-pentanone	0.54	0.38	"		0.54				0.00	25		
Acetone	25	0.45	"		25				0.892	25		
Acrylonitrile	ND	0.20	"		ND					25		
Benzene	0.81	0.30	"		0.75				7.69	25		
Benzyl chloride	ND	0.49	"		ND					25		
Bromodichloromethane	ND	0.63	"		ND					25		
Bromoform	ND	0.97	"		ND					25		
Bromomethane	ND	0.36	"		ND					25		
Carbon disulfide	ND	0.29	"		ND					25		
Carbon tetrachloride	0.65	0.15	"		0.59				9.52	25		
Chlorobenzene	ND	0.43	"		ND					25		
Chloroethane	ND	0.25	"		ND					25		
Chloroform	0.69	0.46	"		0.64				6.90	25		
Chloromethane	0.93	0.19	"		1.1				20.6	25		
cis-1,2-Dichloroethylene	ND	0.093	"		ND					25		
cis-1,3-Dichloropropylene	ND	0.43	"		ND					25		
Cyclohexane	0.61	0.32	"		0.58				5.41	25		
Dibromochloromethane	ND	0.80	"		ND					25		
Dichlorodifluoromethane	2.8	0.46	"		2.9				3.28	25		
Ethyl acetate	1.6	0.68	"		1.6				2.11	25		
Ethyl Benzene	0.86	0.41	"		0.77				10.0	25		
Hexachlorobutadiene	ND	1.0	"		ND					25		
Isopropanol	16	0.46	"		16				0.435	25		
Methyl Methacrylate	0.46	0.38	"		ND					25		
Methyl tert-butyl ether (MTBE)	ND	0.34	"		ND					25		
Methylene chloride	1.2	0.65	"		1.3				5.13	25		
n-Heptane	1.2	0.38	"		1.2				3.17	25		
n-Hexane	1.9	0.33	"		1.9				0.00	25		



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL00835 - EPA TO15 PREP

Duplicate (BL00835-DUP1)	*Source sample: 20L0735-03 (1611201210-03)						Prepared: 12/15/2020 Analyzed: 12/16/2020				
o-Xylene	1.1	0.41	ug/m ³		0.98				8.00	25	
p- & m- Xylenes	2.9	0.81	"		2.8				5.71	25	
p-Ethyltoluene	1.3	0.46	"		1.2				7.41	25	
Propylene	ND	0.16	"		ND					25	
Styrene	0.48	0.40	"		0.40				18.2	25	
Tetrachloroethylene	1.3	0.64	"		1.2				10.0	25	
Tetrahydrofuran	1.4	0.55	"		1.3				4.08	25	
Toluene	8.4	0.35	"		8.1				3.43	25	
trans-1,2-Dichloroethylene	ND	0.37	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.43	"		ND					25	
Trichloroethylene	ND	0.13	"		ND					25	
Trichlorofluoromethane (Freon 11)	2.0	0.53	"		1.8				5.56	25	
Vinyl acetate	ND	0.33	"		ND					25	
Vinyl bromide	ND	0.41	"		ND					25	
Vinyl Chloride	ND	0.12	"		ND					25	

Batch BL01021 - EPA TO15 PREP

Blank (BL01021-BLK1)	Prepared & Analyzed: 12/17/2020										
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL01021 - EPA TO15 PREP

Blank (BL01021-BLK1)

Prepared & Analyzed: 12/17/2020

Chlorobenzene	ND	0.46	ug/m ³								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL01021 - EPA TO15 PREP											
LCS (BL01021-BS1)											
Prepared & Analyzed: 12/17/2020											
1,1,1,2-Tetrachloroethane	9.10		ppbv	10.0		91.0	70-130				
1,1,1-Trichloroethane	11.4		"	10.0		114	70-130				
1,1,2,2-Tetrachloroethane	7.98		"	10.0		79.8	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3		"	10.0		113	70-130				
1,1,2-Trichloroethane	7.97		"	10.0		79.7	70-130				
1,1-Dichloroethane	9.32		"	10.0		93.2	70-130				
1,1-Dichloroethylene	9.38		"	10.0		93.8	70-130				
1,2,4-Trichlorobenzene	8.92		"	10.0		89.2	70-130				
1,2,4-Trimethylbenzene	9.21		"	10.0		92.1	70-130				
1,2-Dibromoethane	8.57		"	10.0		85.7	70-130				
1,2-Dichlorobenzene	10.5		"	10.0		105	70-130				
1,2-Dichloroethane	9.82		"	10.0		98.2	70-130				
1,2-Dichloropropane	6.58		"	10.0		65.8	70-130	Low Bias			
1,2-Dichlorotetrafluoroethane	10.4		"	10.0		104	70-130				
1,3,5-Trimethylbenzene	8.97		"	10.0		89.7	70-130				
1,3-Butadiene	11.2		"	10.0		112	70-130				
1,3-Dichlorobenzene	11.1		"	10.0		111	70-130				
1,3-Dichloropropane	7.33		"	10.0		73.3	70-130				
1,4-Dichlorobenzene	11.5		"	10.0		115	70-130				
1,4-Dioxane	7.93		"	10.0		79.3	70-130				
2-Butanone	8.51		"	10.0		85.1	70-130				
2-Hexanone	7.07		"	10.0		70.7	70-130				
3-Chloropropene	8.81		"	10.0		88.1	70-130				
4-Methyl-2-pentanone	6.34		"	10.0		63.4	70-130	Low Bias			
Acetone	10.5		"	10.0		105	70-130				
Acrylonitrile	8.94		"	10.0		89.4	70-130				
Benzene	9.88		"	10.0		98.8	70-130				
Benzyl chloride	8.38		"	10.0		83.8	70-130				
Bromodichloromethane	7.63		"	10.0		76.3	70-130				
Bromoform	10.8		"	10.0		108	70-130				
Bromomethane	10.2		"	10.0		102	70-130				
Carbon disulfide	10.2		"	10.0		102	70-130				
Carbon tetrachloride	12.8		"	10.0		128	70-130				
Chlorobenzene	8.78		"	10.0		87.8	70-130				
Chloroethane	9.37		"	10.0		93.7	70-130				
Chloroform	10.6		"	10.0		106	70-130				
Chloromethane	12.1		"	10.0		121	70-130				
cis-1,2-Dichloroethylene	9.38		"	10.0		93.8	70-130				
cis-1,3-Dichloropropylene	7.64		"	10.0		76.4	70-130				
Cyclohexane	9.23		"	10.0		92.3	70-130				
Dibromochloromethane	9.16		"	10.0		91.6	70-130				
Dichlorodifluoromethane	10.3		"	10.0		103	70-130				
Ethyl acetate	8.49		"	10.0		84.9	70-130				
Ethyl Benzene	8.43		"	10.0		84.3	70-130				
Hexachlorobutadiene	11.0		"	10.0		110	70-130				
Isopropanol	10.3		"	10.0		103	70-130				
Methyl Methacrylate	7.41		"	10.0		74.1	70-130				
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	70-130				
Methylene chloride	10.7		"	10.0		107	70-130				
n-Heptane	9.08		"	10.0		90.8	70-130				
n-Hexane	9.38		"	10.0		93.8	70-130				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL01021 - EPA TO15 PREP

LCS (BL01021-BS1)

Prepared & Analyzed: 12/17/2020

o-Xylene	8.53		ppbv	10.0		85.3	70-130				
p- & m- Xylenes	17.0		"	20.0		84.8	70-130				
p-Ethyltoluene	9.61		"	10.0		96.1	70-130				
Propylene	8.62		"	10.0		86.2	70-130				
Styrene	9.33		"	10.0		93.3	70-130				
Tetrachloroethylene	8.82		"	10.0		88.2	70-130				
Tetrahydrofuran	8.58		"	10.0		85.8	70-130				
Toluene	7.70		"	10.0		77.0	70-130				
trans-1,2-Dichloroethylene	9.71		"	10.0		97.1	70-130				
trans-1,3-Dichloropropylene	7.81		"	10.0		78.1	70-130				
Trichloroethylene	8.19		"	10.0		81.9	70-130				
Trichlorofluoromethane (Freon 11)	11.2		"	10.0		112	70-130				
Vinyl acetate	8.47		"	10.0		84.7	70-130				
Vinyl bromide	12.3		"	10.0		123	70-130				
Vinyl Chloride	11.7		"	10.0		117	70-130				

Duplicate (BL01021-DUP1)

*Source sample: 20L0735-04 (1611201210-04)

Prepared & Analyzed: 12/17/2020

1,1,1,2-Tetrachloroethane	ND	0.57	ug/m ³		ND						25
1,1,1-Trichloroethane	ND	0.45	"		ND						25
1,1,2,2-Tetrachloroethane	ND	0.57	"		ND						25
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.64	"		ND						25
1,1,2-Trichloroethane	ND	0.45	"		ND						25
1,1-Dichloroethane	ND	0.34	"		ND						25
1,1-Dichloroethylene	ND	0.082	"		ND						25
1,2,4-Trichlorobenzene	ND	0.62	"		ND						25
1,2,4-Trimethylbenzene	1.8	0.41	"		1.7				2.35		25
1,2-Dibromoethane	ND	0.64	"		ND						25
1,2-Dichlorobenzene	ND	0.50	"		ND						25
1,2-Dichloroethane	ND	0.34	"		0.34						25
1,2-Dichloropropane	ND	0.38	"		ND						25
1,2-Dichlorotetrafluoroethane	ND	0.58	"		ND						25
1,3,5-Trimethylbenzene	0.73	0.41	"		0.69				5.71		25
1,3-Butadiene	ND	0.55	"		ND						25
1,3-Dichlorobenzene	ND	0.50	"		ND						25
1,3-Dichloropropane	ND	0.38	"		ND						25
1,4-Dichlorobenzene	ND	0.50	"		ND						25
1,4-Dioxane	ND	0.60	"		ND						25
2-Butanone	2.3	0.24	"		2.4				2.08		25
2-Hexanone	ND	0.68	"		ND						25
3-Chloropropene	ND	1.3	"		ND						25
4-Methyl-2-pentanone	ND	0.34	"		0.65						25
Acetone	12	0.39	"		13				3.59		25
Acrylonitrile	ND	0.18	"		ND						25
Benzene	1.4	0.27	"		1.4				3.77		25
Benzyl chloride	ND	0.43	"		ND						25
Bromodichloromethane	ND	0.56	"		ND						25
Bromoform	ND	0.86	"		ND						25
Bromomethane	ND	0.32	"		ND						25
Carbon disulfide	ND	0.26	"		ND						25
Carbon tetrachloride	0.57	0.13	"		0.57				0.00		25
Chlorobenzene	ND	0.38	"		ND						25



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL01021 - EPA TO15 PREP

Duplicate (BL01021-DUP1)	*Source sample: 20L0735-04 (1611201210-04)				Prepared & Analyzed: 12/17/2020							
Chloroethane	ND	0.22	ug/m ³		ND						25	
Chloroform	0.49	0.41	"		0.53				8.00		25	
Chloromethane	1.4	0.17	"		1.1				27.8		25	Non-dir.
cis-1,2-Dichloroethylene	ND	0.082	"		ND						25	
cis-1,3-Dichloropropylene	ND	0.38	"		ND						25	
Cyclohexane	1.5	0.29	"		1.4				1.98		25	
Dibromochloromethane	ND	0.71	"		ND						25	
Dichlorodifluoromethane	2.5	0.41	"		2.7				6.25		25	
Ethyl acetate	1.4	0.60	"		1.4				4.26		25	
Ethyl Benzene	1.6	0.36	"		1.5				4.65		25	
Hexachlorobutadiene	ND	0.89	"		ND						25	
Isopropanol	10	0.41	"		10				2.02		25	
Methyl Methacrylate	ND	0.34	"		ND						25	
Methyl tert-butyl ether (MTBE)	ND	0.30	"		ND						25	
Methylene chloride	5.9	0.58	"		6.0				1.94		25	
n-Heptane	1.7	0.34	"		1.7				0.00		25	
n-Hexane	5.6	0.29	"		5.7				2.07		25	
o-Xylene	2.1	0.36	"		2.0				3.57		25	
p- & m- Xylenes	5.3	0.72	"		5.2				3.44		25	
p-Ethyltoluene	2.0	0.41	"		2.0				2.02		25	
Propylene	ND	0.14	"		ND						25	
Styrene	ND	0.35	"		ND						25	
Tetrachloroethylene	1.2	0.56	"		1.2				0.00		25	
Tetrahydrofuran	1.2	0.49	"		1.2				4.00		25	
Toluene	9.6	0.31	"		9.4				1.65		25	
trans-1,2-Dichloroethylene	ND	0.33	"		ND						25	
trans-1,3-Dichloropropylene	ND	0.38	"		ND						25	
Trichloroethylene	ND	0.11	"		ND						25	
Trichlorofluoromethane (Freon 11)	7.2	0.47	"		7.5				3.82		25	
Vinyl acetate	ND	0.29	"		ND						25	
Vinyl bromide	ND	0.36	"		ND						25	
Vinyl Chloride	ND	0.11	"		ND						25	



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL01055 - EPA TO15 PREP

Blank (BL01055-BLK1)

Prepared: 12/18/2020 Analyzed: 12/19/2020

1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³
1,1,1-Trichloroethane	ND	0.55	"
1,1,2,2-Tetrachloroethane	ND	0.69	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"
1,1,2-Trichloroethane	ND	0.55	"
1,1-Dichloroethane	ND	0.40	"
1,1-Dichloroethylene	ND	0.099	"
1,2,4-Trichlorobenzene	ND	0.74	"
1,2,4-Trimethylbenzene	ND	0.49	"
1,2-Dibromoethane	ND	0.77	"
1,2-Dichlorobenzene	ND	0.60	"
1,2-Dichloroethane	ND	0.40	"
1,2-Dichloropropane	ND	0.46	"
1,2-Dichlorotetrafluoroethane	ND	0.70	"
1,3,5-Trimethylbenzene	ND	0.49	"
1,3-Butadiene	ND	0.66	"
1,3-Dichlorobenzene	ND	0.60	"
1,3-Dichloropropane	ND	0.46	"
1,4-Dichlorobenzene	ND	0.60	"
1,4-Dioxane	ND	0.72	"
2-Butanone	ND	0.29	"
2-Hexanone	ND	0.82	"
3-Chloropropene	ND	1.6	"
4-Methyl-2-pentanone	ND	0.41	"
Acetone	ND	0.48	"
Acrylonitrile	ND	0.22	"
Benzene	ND	0.32	"
Benzyl chloride	ND	0.52	"
Bromodichloromethane	ND	0.67	"
Bromoform	ND	1.0	"
Bromomethane	ND	0.39	"
Carbon disulfide	ND	0.31	"
Carbon tetrachloride	ND	0.16	"
Chlorobenzene	ND	0.46	"
Chloroethane	ND	0.26	"
Chloroform	ND	0.49	"
Chloromethane	ND	0.21	"
cis-1,2-Dichloroethylene	ND	0.099	"
cis-1,3-Dichloropropylene	ND	0.45	"
Cyclohexane	ND	0.34	"
Dibromochloromethane	ND	0.85	"
Dichlorodifluoromethane	ND	0.49	"
Ethyl acetate	ND	0.72	"
Ethyl Benzene	ND	0.43	"
Hexachlorobutadiene	ND	1.1	"
Isopropanol	ND	0.49	"
Methyl Methacrylate	ND	0.41	"
Methyl tert-butyl ether (MTBE)	ND	0.36	"
Methylene chloride	ND	0.69	"
n-Heptane	ND	0.41	"
n-Hexane	ND	0.35	"



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BL01055 - EPA TO15 PREP

Blank (BL01055-BLK1)

Prepared: 12/18/2020 Analyzed: 12/19/2020

o-Xylene	ND	0.43	ug/m ³
p- & m- Xylenes	ND	0.87	"
p-Ethyltoluene	ND	0.49	"
Propylene	ND	0.17	"
Styrene	ND	0.43	"
Tetrachloroethylene	ND	0.68	"
Tetrahydrofuran	ND	0.59	"
Toluene	ND	0.38	"
trans-1,2-Dichloroethylene	ND	0.40	"
trans-1,3-Dichloropropylene	ND	0.45	"
Trichloroethylene	ND	0.13	"
Trichlorofluoromethane (Freon 11)	ND	0.56	"
Vinyl acetate	ND	0.35	"
Vinyl bromide	ND	0.44	"
Vinyl Chloride	ND	0.13	"

LCS (BL01055-BS1)

Prepared: 12/18/2020 Analyzed: 12/19/2020

1,1,1,2-Tetrachloroethane	8.60		ppbv	10.0	86.0	70-130
1,1,1-Trichloroethane	11.2		"	10.0	112	70-130
1,1,2,2-Tetrachloroethane	7.62		"	10.0	76.2	70-130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1		"	10.0	111	70-130
1,1,2-Trichloroethane	7.99		"	10.0	79.9	70-130
1,1-Dichloroethane	9.17		"	10.0	91.7	70-130
1,1-Dichloroethylene	9.29		"	10.0	92.9	70-130
1,2,4-Trichlorobenzene	8.88		"	10.0	88.8	70-130
1,2,4-Trimethylbenzene	8.83		"	10.0	88.3	70-130
1,2-Dibromoethane	8.61		"	10.0	86.1	70-130
1,2-Dichlorobenzene	10.3		"	10.0	103	70-130
1,2-Dichloroethane	9.73		"	10.0	97.3	70-130
1,2-Dichloropropane	6.63		"	10.0	66.3	70-130 Low Bias
1,2-Dichlorotetrafluoroethane	10.9		"	10.0	109	70-130
1,3,5-Trimethylbenzene	8.85		"	10.0	88.5	70-130
1,3-Butadiene	12.0		"	10.0	120	70-130
1,3-Dichlorobenzene	10.7		"	10.0	107	70-130
1,3-Dichloropropane	7.43		"	10.0	74.3	70-130
1,4-Dichlorobenzene	11.1		"	10.0	111	70-130
1,4-Dioxane	7.87		"	10.0	78.7	70-130
2-Butanone	8.36		"	10.0	83.6	70-130
2-Hexanone	7.20		"	10.0	72.0	70-130
3-Chloropropene	8.61		"	10.0	86.1	70-130
4-Methyl-2-pentanone	6.37		"	10.0	63.7	70-130 Low Bias
Acetone	10.5		"	10.0	105	70-130
Acrylonitrile	8.82		"	10.0	88.2	70-130
Benzene	9.79		"	10.0	97.9	70-130
Benzyl chloride	8.10		"	10.0	81.0	70-130
Bromodichloromethane	7.66		"	10.0	76.6	70-130
Bromoform	10.3		"	10.0	103	70-130
Bromomethane	10.3		"	10.0	103	70-130
Carbon disulfide	10.2		"	10.0	102	70-130
Carbon tetrachloride	12.4		"	10.0	124	70-130
Chlorobenzene	8.30		"	10.0	83.0	70-130



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL01055 - EPA TO15 PREP

LCS (BL01055-BS1)

Prepared: 12/18/2020 Analyzed: 12/19/2020

Chloroethane	9.45		ppbv	10.0		94.5	70-130				
Chloroform	10.4		"	10.0		104	70-130				
Chloromethane	12.8		"	10.0		128	70-130				
cis-1,2-Dichloroethylene	9.26		"	10.0		92.6	70-130				
cis-1,3-Dichloropropylene	7.66		"	10.0		76.6	70-130				
Cyclohexane	8.99		"	10.0		89.9	70-130				
Dibromochloromethane	8.95		"	10.0		89.5	70-130				
Dichlorodifluoromethane	10.5		"	10.0		105	70-130				
Ethyl acetate	8.39		"	10.0		83.9	70-130				
Ethyl Benzene	7.99		"	10.0		79.9	70-130				
Hexachlorobutadiene	10.6		"	10.0		106	70-130				
Isopropanol	10.1		"	10.0		101	70-130				
Methyl Methacrylate	7.45		"	10.0		74.5	70-130				
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	70-130				
Methylene chloride	10.5		"	10.0		105	70-130				
n-Heptane	8.88		"	10.0		88.8	70-130				
n-Hexane	9.26		"	10.0		92.6	70-130				
o-Xylene	8.16		"	10.0		81.6	70-130				
p- & m- Xylenes	16.3		"	20.0		81.5	70-130				
p-Ethyltoluene	8.90		"	10.0		89.0	70-130				
Propylene	8.55		"	10.0		85.5	70-130				
Styrene	8.96		"	10.0		89.6	70-130				
Tetrachloroethylene	8.64		"	10.0		86.4	70-130				
Tetrahydrofuran	8.49		"	10.0		84.9	70-130				
Toluene	7.74		"	10.0		77.4	70-130				
trans-1,2-Dichloroethylene	9.51		"	10.0		95.1	70-130				
trans-1,3-Dichloropropylene	7.87		"	10.0		78.7	70-130				
Trichloroethylene	8.11		"	10.0		81.1	70-130				
Trichlorofluoromethane (Freon 11)	11.0		"	10.0		110	70-130				
Vinyl acetate	8.59		"	10.0		85.9	70-130				
Vinyl bromide	12.1		"	10.0		121	70-130				
Vinyl Chloride	12.4		"	10.0		124	70-130				



Sample and Data Qualifiers Relating to This Work Order

TO-VAC	The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.
TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
QR-01	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.

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.



Laboratory Chain-of-Custody Record

York Project (SDG) No.: 20L0735

Samples Received: 12/15/2020 12:30 By: Taylor M. Pasquance Logged In: 12/14/2020 12:27 By: Tom Gabrielson

- Sample Conditions:**
- Custody Seals
 - Containers Intact
 - COC/Labels Agree
 - Preservation Confirmed
 - Cooler Temperature Confirmed
 - COC Complete
- Chain of Custody Form Received
 - Appropriate Sample Volumes Received
 - Appropriate Sample Containers Submitted
 - Samples Submitted within Holding Times
 - Corrective Action Form Required

Preparation Chain-of-Custody

Sample ID	Reason Prep	Prep Start Date	Prep End Date	Prep Analyst
20L0735-01	EPA TO15 PREP	12/15/2020 9:00	12/15/2020 9:00	Lie Ling Jauw
20L0735-02	EPA TO15 PREP	12/15/2020 9:00	12/15/2020 9:00	Lie Ling Jauw
20L0735-03	EPA TO15 PREP	12/15/2020 9:00	12/15/2020 9:00	Lie Ling Jauw
20L0735-04	EPA TO15 PREP	12/17/2020 9:00	12/17/2020 9:00	Lie Ling Jauw
20L0735-05	EPA TO15 PREP	12/17/2020 9:00	12/17/2020 9:00	Lie Ling Jauw
20L0735-06	EPA TO15 PREP	12/17/2020 9:00	12/17/2020 9:00	Lie Ling Jauw
20L0735-07	EPA TO15 PREP	12/17/2020 9:00	12/17/2020 9:00	Lie Ling Jauw
20L0735-08	EPA TO15 PREP	12/17/2020 9:00	12/17/2020 9:00	Lie Ling Jauw
20L0735-09	EPA TO15 PREP	12/17/2020 9:00	12/17/2020 9:00	Lie Ling Jauw
20L0735-09RE1	EPA TO15 PREP	12/18/2020 18:00	12/18/2020 18:00	Lie Ling Jauw

Analysis Chain-of-Custody

Sample ID	Reason Analysis	Analysis Start Date	Analysis End Date	Analyst
20L0735-01	Volatile Organics, EPA TO15 Full List	12/15/2020 9:00	12/15/2020 17:30	Lie Ling Jauw
20L0735-02	Volatile Organics, EPA TO15 Full List	12/15/2020 9:00	12/15/2020 19:22	Lie Ling Jauw
20L0735-03	Volatile Organics, EPA TO15 Full List	12/15/2020 9:00	12/15/2020 20:21	Lie Ling Jauw
20L0735-04	Volatile Organics, EPA TO15 Full List	12/17/2020 9:00	12/17/2020 21:01	Lie Ling Jauw
20L0735-05	Volatile Organics, EPA TO15 Full List	12/17/2020 9:00	12/18/2020 2:43	Lie Ling Jauw
20L0735-06	Volatile Organics, EPA TO15 Full List	12/17/2020 9:00	12/18/2020 3:42	Lie Ling Jauw
20L0735-07	Volatile Organics, EPA TO15 Full List	12/17/2020 9:00	12/18/2020 4:41	Lie Ling Jauw
20L0735-08	Volatile Organics, EPA TO15 Full List	12/17/2020 9:00	12/18/2020 5:40	Lie Ling Jauw
20L0735-09	Volatile Organics, EPA TO15 Full List	12/17/2020 9:00	12/18/2020 6:39	Lie Ling Jauw
20L0735-09RE1	Volatile Organics, EPA TO15 Full List	12/18/2020 18:00	12/19/2020 7:10	Lie Ling Jauw

York Analytical Laboratories, Inc.

ASP A Deliverable

SDG: 20L0735

CLASS: AIR

METHOD: EPA TO-15

DATA PACKAGE COVER PAGE

EPA TO-15

Laboratory: York Analytical Laboratories, Inc.

SDG: 20L0735

Client: Fuss & O'Neill, Inc.

Project: 20040181.B3N Former Hudson Wire Mill

Client Sample Id:

1611201210-01

1611201210-02

1611201210-03

1611201210-04

1611201210-05

1611201210-06

1611201210-07

1611201210-08

1611201210-09

1611201210-09

Lab Sample Id:

20L0735-01

20L0735-02

20L0735-03

20L0735-04

20L0735-05

20L0735-06

20L0735-07

20L0735-08

20L0735-09

20L0735-09RE1

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature:



Name:

Benjamin Gulizia

Date:

12/22/2020

Title:

Laboratory Director

Laboratory: York Analytical Laboratories, Inc. SDG: 20L0735
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Indoor Ambient Air Laboratory ID: 20L0735-01 File ID: TO287039.D
 Sampled: 12/10/20 10:50 Prepared: 12/15/20 09:00 Analyzed: 12/15/20 17:30
 Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL
 Batch: BL00835 Sequence: Y0L2129 Calibration: YK00025 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m ³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.875	0.60	U
71-55-6	1,1,1-Trichloroethane	0.875	0.48	U
79-34-5	1,1,2,2-Tetrachloroethane	0.875	0.60	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.875	0.67	U
79-00-5	1,1,2-Trichloroethane	0.875	0.48	U
75-34-3	1,1-Dichloroethane	0.875	0.35	U
75-35-4	1,1-Dichloroethylene	0.875	0.087	U
120-82-1	1,2,4-Trichlorobenzene	0.875	0.65	D
95-63-6	1,2,4-Trimethylbenzene	0.875	1.3	D
106-93-4	1,2-Dibromoethane	0.875	0.67	U
95-50-1	1,2-Dichlorobenzene	0.875	0.53	U
107-06-2	1,2-Dichloroethane	0.875	0.35	U
78-87-5	1,2-Dichloropropane	0.875	0.40	U
76-14-2	1,2-Dichlorotetrafluoroethane	0.875	0.61	U
108-67-8	1,3,5-Trimethylbenzene	0.875	0.43	D
106-99-0	1,3-Butadiene	0.875	0.58	U
541-73-1	1,3-Dichlorobenzene	0.875	0.53	U
142-28-9	1,3-Dichloropropane	0.875	0.40	U
106-46-7	1,4-Dichlorobenzene	0.875	0.53	U
123-91-1	1,4-Dioxane	0.875	0.63	U
78-93-3	2-Butanone	0.875	2.5	D
591-78-6	2-Hexanone	0.875	0.72	U
107-05-1	3-Chloropropene	0.875	1.4	U
108-10-1	4-Methyl-2-pentanone	0.875	0.72	D
67-64-1	Acetone	0.875	26	D
107-13-1	Acrylonitrile	0.875	0.19	U
71-43-2	Benzene	0.875	1.1	D
100-44-7	Benzyl chloride	0.875	0.45	U
75-27-4	Bromodichloromethane	0.875	0.59	U
75-25-2	Bromoform	0.875	0.90	U
74-83-9	Bromomethane	0.875	0.34	U
75-15-0	Carbon disulfide	0.875	0.27	U
56-23-5	Carbon tetrachloride	0.875	0.55	D
108-90-7	Chlorobenzene	0.875	0.40	U
75-00-3	Chloroethane	0.875	0.23	U
67-66-3	Chloroform	0.875	1.1	D
74-87-3	Chloromethane	0.875	0.99	D
156-59-2	cis-1,2-Dichloroethylene	0.875	0.087	U
10061-01-5	cis-1,3-Dichloropropylene	0.875	0.40	U
110-82-7	Cyclohexane	0.875	0.75	D

Laboratory: York Analytical Laboratories, Inc. SDG: 20L0735
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Indoor Ambient Air Laboratory ID: 20L0735-01 File ID: TO287039.D
 Sampled: 12/10/20 10:50 Prepared: 12/15/20 09:00 Analyzed: 12/15/20 17:30
 Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL
 Batch: BL00835 Sequence: Y0L2129 Calibration: YK00025 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m ³)	Q
124-48-1	Dibromochloromethane	0.875	0.75	U
75-71-8	Dichlorodifluoromethane	0.875	2.4	D
141-78-6	Ethyl acetate	0.875	1.3	D
100-41-4	Ethyl Benzene	0.875	0.87	D
87-68-3	Hexachlorobutadiene	0.875	0.93	U
67-63-0	Isopropanol	0.875	25	D
80-62-6	Methyl Methacrylate	0.875	1.9	D
1634-04-4	Methyl tert-butyl ether (MTBE)	0.875	0.32	U
75-09-2	Methylene chloride	0.875	120	D
142-82-5	n-Heptane	0.875	1.5	D
110-54-3	n-Hexane	0.875	65	D
95-47-6	o-Xylene	0.875	1.1	D
179601-23-1	p- & m- Xylenes	0.875	2.9	D
622-96-8	p-Ethyltoluene	0.875	1.1	D
115-07-1	Propylene	0.875	0.15	U
100-42-5	Styrene	0.875	0.37	D
127-18-4	Tetrachloroethylene	0.875	1.4	D
109-99-9	Tetrahydrofuran	0.875	1.4	D
108-88-3	Toluene	0.875	8.2	D
156-60-5	trans-1,2-Dichloroethylene	0.875	0.35	U
10061-02-6	trans-1,3-Dichloropropylene	0.875	0.40	U
79-01-6	Trichloroethylene	0.875	0.12	U
75-69-4	Trichlorofluoromethane (Freon 11)	0.875	4.7	D
108-05-4	Vinyl acetate	0.875	0.31	U
593-60-2	Vinyl bromide	0.875	0.38	U
75-01-4	Vinyl Chloride	0.875	0.11	U

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 20L0735
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Indoor Ambient Air Laboratory ID: 20L0735-02 File ID: TO287041.D
 Sampled: 12/10/20 10:45 Prepared: 12/15/20 09:00 Analyzed: 12/15/20 19:22
 Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL
 Batch: BL00835 Sequence: Y0L2129 Calibration: YK00025 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m ³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.789	0.54	U
71-55-6	1,1,1-Trichloroethane	0.789	0.43	U
79-34-5	1,1,2,2-Tetrachloroethane	0.789	0.54	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.789	0.67	D
79-00-5	1,1,2-Trichloroethane	0.789	0.43	U
75-34-3	1,1-Dichloroethane	0.789	0.32	U
75-35-4	1,1-Dichloroethylene	0.789	0.078	U
120-82-1	1,2,4-Trichlorobenzene	0.789	0.59	U
95-63-6	1,2,4-Trimethylbenzene	0.789	1.6	D
106-93-4	1,2-Dibromoethane	0.789	0.61	U
95-50-1	1,2-Dichlorobenzene	0.789	0.47	U
107-06-2	1,2-Dichloroethane	0.789	0.32	U
78-87-5	1,2-Dichloropropane	0.789	0.36	U
76-14-2	1,2-Dichlorotetrafluoroethane	0.789	0.55	U
108-67-8	1,3,5-Trimethylbenzene	0.789	0.50	D
106-99-0	1,3-Butadiene	0.789	0.52	U
541-73-1	1,3-Dichlorobenzene	0.789	0.47	U
142-28-9	1,3-Dichloropropane	0.789	0.36	U
106-46-7	1,4-Dichlorobenzene	0.789	0.47	U
123-91-1	1,4-Dioxane	0.789	0.57	U
78-93-3	2-Butanone	0.789	3.5	D
591-78-6	2-Hexanone	0.789	0.65	U
107-05-1	3-Chloropropene	0.789	1.2	U
108-10-1	4-Methyl-2-pentanone	0.789	0.71	D
67-64-1	Acetone	0.789	23	D
107-13-1	Acrylonitrile	0.789	0.17	U
71-43-2	Benzene	0.789	1.1	D
100-44-7	Benzyl chloride	0.789	0.41	U
75-27-4	Bromodichloromethane	0.789	0.53	U
75-25-2	Bromoform	0.789	0.82	U
74-83-9	Bromomethane	0.789	0.31	U
75-15-0	Carbon disulfide	0.789	0.25	U
56-23-5	Carbon tetrachloride	0.789	0.55	D
108-90-7	Chlorobenzene	0.789	0.36	U
75-00-3	Chloroethane	0.789	0.21	U
67-66-3	Chloroform	0.789	0.89	D
74-87-3	Chloromethane	0.789	1.1	D
156-59-2	cis-1,2-Dichloroethylene	0.789	0.078	U
10061-01-5	cis-1,3-Dichloropropylene	0.789	0.36	U
110-82-7	Cyclohexane	0.789	0.79	D

Laboratory: York Analytical Laboratories, Inc. SDG: 20L0735
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Indoor Ambient Air Laboratory ID: 20L0735-02 File ID: TO287041.D
 Sampled: 12/10/20 10:45 Prepared: 12/15/20 09:00 Analyzed: 12/15/20 19:22
 Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL
 Batch: BL00835 Sequence: Y0L2129 Calibration: YK00025 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m ³)	Q
124-48-1	Dibromochloromethane	0.789	0.67	U
75-71-8	Dichlorodifluoromethane	0.789	2.6	D
141-78-6	Ethyl acetate	0.789	1.8	D
100-41-4	Ethyl Benzene	0.789	0.86	D
87-68-3	Hexachlorobutadiene	0.789	0.84	U
67-63-0	Isopropanol	0.789	22	D
80-62-6	Methyl Methacrylate	0.789	0.36	D
1634-04-4	Methyl tert-butyl ether (MTBE)	0.789	0.28	U
75-09-2	Methylene chloride	0.789	1.7	D
142-82-5	n-Heptane	0.789	1.6	D
110-54-3	n-Hexane	0.789	2.9	D
95-47-6	o-Xylene	0.789	1.0	D
179601-23-1	p- & m- Xylenes	0.789	2.7	D
622-96-8	p-Ethyltoluene	0.789	1.2	D
115-07-1	Propylene	0.789	0.14	U
100-42-5	Styrene	0.789	0.40	D
127-18-4	Tetrachloroethylene	0.789	1.6	D
109-99-9	Tetrahydrofuran	0.789	1.7	D
108-88-3	Toluene	0.789	8.4	D
156-60-5	trans-1,2-Dichloroethylene	0.789	0.31	U
10061-02-6	trans-1,3-Dichloropropylene	0.789	0.36	U
79-01-6	Trichloroethylene	0.789	0.11	U
75-69-4	Trichlorofluoromethane (Freon 11)	0.789	1.7	D
108-05-4	Vinyl acetate	0.789	0.28	U
593-60-2	Vinyl bromide	0.789	0.35	U
75-01-4	Vinyl Chloride	0.789	0.10	U

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 20L0735
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Indoor Ambient Air Laboratory ID: 20L0735-03 File ID: TO287042.D
 Sampled: 12/10/20 10:46 Prepared: 12/15/20 09:00 Analyzed: 12/15/20 20:21
 Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL
 Batch: BL00835 Sequence: Y0L2129 Calibration: YK00025 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m ³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.938	0.64	U
71-55-6	1,1,1-Trichloroethane	0.938	0.51	U
79-34-5	1,1,2,2-Tetrachloroethane	0.938	0.64	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.938	0.72	D
79-00-5	1,1,2-Trichloroethane	0.938	0.51	U
75-34-3	1,1-Dichloroethane	0.938	0.38	U
75-35-4	1,1-Dichloroethylene	0.938	0.093	U
120-82-1	1,2,4-Trichlorobenzene	0.938	0.70	U
95-63-6	1,2,4-Trimethylbenzene	0.938	1.6	D
106-93-4	1,2-Dibromoethane	0.938	0.72	U
95-50-1	1,2-Dichlorobenzene	0.938	0.56	U
107-06-2	1,2-Dichloroethane	0.938	0.38	U
78-87-5	1,2-Dichloropropane	0.938	0.43	U
76-14-2	1,2-Dichlorotetrafluoroethane	0.938	0.66	U
108-67-8	1,3,5-Trimethylbenzene	0.938	0.51	D
106-99-0	1,3-Butadiene	0.938	0.62	U
541-73-1	1,3-Dichlorobenzene	0.938	0.56	U
142-28-9	1,3-Dichloropropane	0.938	0.43	U
106-46-7	1,4-Dichlorobenzene	0.938	0.56	U
123-91-1	1,4-Dioxane	0.938	0.68	U
78-93-3	2-Butanone	0.938	3.6	D
591-78-6	2-Hexanone	0.938	0.77	U
107-05-1	3-Chloropropene	0.938	1.5	U
108-10-1	4-Methyl-2-pentanone	0.938	0.54	D
67-64-1	Acetone	0.938	25	D
107-13-1	Acrylonitrile	0.938	0.20	U
71-43-2	Benzene	0.938	0.75	D
100-44-7	Benzyl chloride	0.938	0.49	U
75-27-4	Bromodichloromethane	0.938	0.63	U
75-25-2	Bromoform	0.938	0.97	U
74-83-9	Bromomethane	0.938	0.36	U
75-15-0	Carbon disulfide	0.938	0.29	U
56-23-5	Carbon tetrachloride	0.938	0.59	D
108-90-7	Chlorobenzene	0.938	0.43	U
75-00-3	Chloroethane	0.938	0.25	U
67-66-3	Chloroform	0.938	0.64	D
74-87-3	Chloromethane	0.938	1.1	D
156-59-2	cis-1,2-Dichloroethylene	0.938	0.093	U
10061-01-5	cis-1,3-Dichloropropylene	0.938	0.43	U
110-82-7	Cyclohexane	0.938	0.58	D

Laboratory: York Analytical Laboratories, Inc. SDG: 20L0735
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Indoor Ambient Air Laboratory ID: 20L0735-03 File ID: TO287042.D
 Sampled: 12/10/20 10:46 Prepared: 12/15/20 09:00 Analyzed: 12/15/20 20:21
 Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL
 Batch: BL00835 Sequence: Y0L2129 Calibration: YK00025 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m ³)	Q
124-48-1	Dibromochloromethane	0.938	0.80	U
75-71-8	Dichlorodifluoromethane	0.938	2.9	D
141-78-6	Ethyl acetate	0.938	1.6	D
100-41-4	Ethyl Benzene	0.938	0.77	D
87-68-3	Hexachlorobutadiene	0.938	1.0	U
67-63-0	Isopropanol	0.938	16	D
80-62-6	Methyl Methacrylate	0.938	0.38	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.938	0.34	U
75-09-2	Methylene chloride	0.938	1.3	D
142-82-5	n-Heptane	0.938	1.2	D
110-54-3	n-Hexane	0.938	1.9	D
95-47-6	o-Xylene	0.938	0.98	D
179601-23-1	p- & m- Xylenes	0.938	2.8	D
622-96-8	p-Ethyltoluene	0.938	1.2	D
115-07-1	Propylene	0.938	0.16	U
100-42-5	Styrene	0.938	0.40	D
127-18-4	Tetrachloroethylene	0.938	1.2	D
109-99-9	Tetrahydrofuran	0.938	1.3	D
108-88-3	Toluene	0.938	8.1	D
156-60-5	trans-1,2-Dichloroethylene	0.938	0.37	U
10061-02-6	trans-1,3-Dichloropropylene	0.938	0.43	U
79-01-6	Trichloroethylene	0.938	0.13	U
75-69-4	Trichlorofluoromethane (Freon 11)	0.938	1.8	D
108-05-4	Vinyl acetate	0.938	0.33	U
593-60-2	Vinyl bromide	0.938	0.41	U
75-01-4	Vinyl Chloride	0.938	0.12	U

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 20L0735
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Indoor Ambient Air Laboratory ID: 20L0735-04 File ID: TO287079.D
 Sampled: 12/10/20 10:54 Prepared: 12/17/20 09:00 Analyzed: 12/17/20 21:01
 Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL
 Batch: BL01021 Sequence: Y0L1838 Calibration: YK00025 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m ³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.83	0.57	U
71-55-6	1,1,1-Trichloroethane	0.83	0.45	U
79-34-5	1,1,2,2-Tetrachloroethane	0.83	0.57	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.83	0.64	U
79-00-5	1,1,2-Trichloroethane	0.83	0.45	U
75-34-3	1,1-Dichloroethane	0.83	0.34	U
75-35-4	1,1-Dichloroethylene	0.83	0.082	U
120-82-1	1,2,4-Trichlorobenzene	0.83	0.62	U
95-63-6	1,2,4-Trimethylbenzene	0.83	1.7	D
106-93-4	1,2-Dibromoethane	0.83	0.64	U
95-50-1	1,2-Dichlorobenzene	0.83	0.50	U
107-06-2	1,2-Dichloroethane	0.83	0.34	D
78-87-5	1,2-Dichloropropane	0.83	0.38	U
76-14-2	1,2-Dichlorotetrafluoroethane	0.83	0.58	U
108-67-8	1,3,5-Trimethylbenzene	0.83	0.69	D
106-99-0	1,3-Butadiene	0.83	0.55	U
541-73-1	1,3-Dichlorobenzene	0.83	0.50	U
142-28-9	1,3-Dichloropropane	0.83	0.38	U
106-46-7	1,4-Dichlorobenzene	0.83	0.50	U
123-91-1	1,4-Dioxane	0.83	0.60	U
78-93-3	2-Butanone	0.83	2.4	D
591-78-6	2-Hexanone	0.83	0.68	U
107-05-1	3-Chloropropene	0.83	1.3	U
108-10-1	4-Methyl-2-pentanone	0.83	0.65	D
67-64-1	Acetone	0.83	13	D
107-13-1	Acrylonitrile	0.83	0.18	U
71-43-2	Benzene	0.83	1.4	D
100-44-7	Benzyl chloride	0.83	0.43	U
75-27-4	Bromodichloromethane	0.83	0.56	U
75-25-2	Bromoform	0.83	0.86	U
74-83-9	Bromomethane	0.83	0.32	U
75-15-0	Carbon disulfide	0.83	0.26	U
56-23-5	Carbon tetrachloride	0.83	0.57	D
108-90-7	Chlorobenzene	0.83	0.38	U
75-00-3	Chloroethane	0.83	0.22	U
67-66-3	Chloroform	0.83	0.53	D
74-87-3	Chloromethane	0.83	1.1	D
156-59-2	cis-1,2-Dichloroethylene	0.83	0.082	U
10061-01-5	cis-1,3-Dichloropropylene	0.83	0.38	U
110-82-7	Cyclohexane	0.83	1.4	D

Laboratory: York Analytical Laboratories, Inc. SDG: 20L0735
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Indoor Ambient Air Laboratory ID: 20L0735-04 File ID: TO287079.D
 Sampled: 12/10/20 10:54 Prepared: 12/17/20 09:00 Analyzed: 12/17/20 21:01
 Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL
 Batch: BL01021 Sequence: Y0L1838 Calibration: YK00025 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m ³)	Q
124-48-1	Dibromochloromethane	0.83	0.71	U
75-71-8	Dichlorodifluoromethane	0.83	2.7	D
141-78-6	Ethyl acetate	0.83	1.4	D
100-41-4	Ethyl Benzene	0.83	1.5	D
87-68-3	Hexachlorobutadiene	0.83	0.89	U
67-63-0	Isopropanol	0.83	10	D
80-62-6	Methyl Methacrylate	0.83	0.34	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.83	0.30	U
75-09-2	Methylene chloride	0.83	6.0	D
142-82-5	n-Heptane	0.83	1.7	D
110-54-3	n-Hexane	0.83	5.7	D
95-47-6	o-Xylene	0.83	2.0	D
179601-23-1	p- & m- Xylenes	0.83	5.2	D
622-96-8	p-Ethyltoluene	0.83	2.0	D
115-07-1	Propylene	0.83	0.14	U
100-42-5	Styrene	0.83	0.35	U
127-18-4	Tetrachloroethylene	0.83	1.2	D
109-99-9	Tetrahydrofuran	0.83	1.2	D
108-88-3	Toluene	0.83	9.4	D
156-60-5	trans-1,2-Dichloroethylene	0.83	0.33	U
10061-02-6	trans-1,3-Dichloropropylene	0.83	0.38	U
79-01-6	Trichloroethylene	0.83	0.11	U
75-69-4	Trichlorofluoromethane (Freon 11)	0.83	7.5	D
108-05-4	Vinyl acetate	0.83	0.29	U
593-60-2	Vinyl bromide	0.83	0.36	U
75-01-4	Vinyl Chloride	0.83	0.11	U

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 20L0735
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Indoor Ambient Air Laboratory ID: 20L0735-05 File ID: TO287085.D
 Sampled: 12/10/20 11:15 Prepared: 12/17/20 09:00 Analyzed: 12/18/20 02:43
 Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL
 Batch: BL01021 Sequence: Y0L1838 Calibration: YK00025 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m ³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.764	0.52	U
71-55-6	1,1,1-Trichloroethane	0.764	0.42	U
79-34-5	1,1,2,2-Tetrachloroethane	0.764	0.52	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.764	0.59	U
79-00-5	1,1,2-Trichloroethane	0.764	0.42	U
75-34-3	1,1-Dichloroethane	0.764	0.31	U
75-35-4	1,1-Dichloroethylene	0.764	0.076	U
120-82-1	1,2,4-Trichlorobenzene	0.764	0.57	U
95-63-6	1,2,4-Trimethylbenzene	0.764	0.68	D
106-93-4	1,2-Dibromoethane	0.764	0.59	U
95-50-1	1,2-Dichlorobenzene	0.764	0.46	U
107-06-2	1,2-Dichloroethane	0.764	0.31	U
78-87-5	1,2-Dichloropropane	0.764	0.35	U
76-14-2	1,2-Dichlorotetrafluoroethane	0.764	0.53	U
108-67-8	1,3,5-Trimethylbenzene	0.764	0.38	U
106-99-0	1,3-Butadiene	0.764	0.51	U
541-73-1	1,3-Dichlorobenzene	0.764	0.46	U
142-28-9	1,3-Dichloropropane	0.764	0.35	U
106-46-7	1,4-Dichlorobenzene	0.764	0.55	D
123-91-1	1,4-Dioxane	0.764	0.55	U
78-93-3	2-Butanone	0.764	4.8	D
591-78-6	2-Hexanone	0.764	0.63	U
107-05-1	3-Chloropropene	0.764	1.2	U
108-10-1	4-Methyl-2-pentanone	0.764	0.31	U
67-64-1	Acetone	0.764	29	D
107-13-1	Acrylonitrile	0.764	0.17	U
71-43-2	Benzene	0.764	0.73	D
100-44-7	Benzyl chloride	0.764	0.40	U
75-27-4	Bromodichloromethane	0.764	0.51	U
75-25-2	Bromoform	0.764	0.79	U
74-83-9	Bromomethane	0.764	0.30	U
75-15-0	Carbon disulfide	0.764	0.24	U
56-23-5	Carbon tetrachloride	0.764	0.53	D
108-90-7	Chlorobenzene	0.764	0.35	U
75-00-3	Chloroethane	0.764	0.20	U
67-66-3	Chloroform	0.764	0.37	U
74-87-3	Chloromethane	0.764	1.4	D
156-59-2	cis-1,2-Dichloroethylene	0.764	0.076	U
10061-01-5	cis-1,3-Dichloropropylene	0.764	0.35	U
110-82-7	Cyclohexane	0.764	5.0	D

Laboratory: York Analytical Laboratories, Inc. SDG: 20L0735
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Indoor Ambient Air Laboratory ID: 20L0735-05 File ID: TO287085.D
 Sampled: 12/10/20 11:15 Prepared: 12/17/20 09:00 Analyzed: 12/18/20 02:43
 Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL
 Batch: BL01021 Sequence: Y0L1838 Calibration: YK00025 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m ³)	Q
124-48-1	Dibromochloromethane	0.764	0.65	U
75-71-8	Dichlorodifluoromethane	0.764	2.3	D
141-78-6	Ethyl acetate	0.764	10	D
100-41-4	Ethyl Benzene	0.764	0.33	U
87-68-3	Hexachlorobutadiene	0.764	0.81	U
67-63-0	Isopropanol	0.764	34	D
80-62-6	Methyl Methacrylate	0.764	0.31	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.764	0.28	U
75-09-2	Methylene chloride	0.764	0.85	D
142-82-5	n-Heptane	0.764	1.3	D
110-54-3	n-Hexane	0.764	1.1	D
95-47-6	o-Xylene	0.764	0.33	U
179601-23-1	p- & m- Xylenes	0.764	0.80	D
622-96-8	p-Ethyltoluene	0.764	0.56	D
115-07-1	Propylene	0.764	0.13	U
100-42-5	Styrene	0.764	0.33	U
127-18-4	Tetrachloroethylene	0.764	1.6	D
109-99-9	Tetrahydrofuran	0.764	0.95	D
108-88-3	Toluene	0.764	2.7	D
156-60-5	trans-1,2-Dichloroethylene	0.764	0.30	U
10061-02-6	trans-1,3-Dichloropropylene	0.764	0.35	U
79-01-6	Trichloroethylene	0.764	0.10	U
75-69-4	Trichlorofluoromethane (Freon 11)	0.764	2.6	D
108-05-4	Vinyl acetate	0.764	0.27	U
593-60-2	Vinyl bromide	0.764	0.33	U
75-01-4	Vinyl Chloride	0.764	0.098	U

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 20L0735
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Indoor Ambient Air Laboratory ID: 20L0735-06 File ID: TO287086.D
 Sampled: 12/10/20 11:30 Prepared: 12/17/20 09:00 Analyzed: 12/18/20 03:42
 Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL
 Batch: BL01021 Sequence: Y0L1838 Calibration: YK00025 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m ³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.808	0.55	U
71-55-6	1,1,1-Trichloroethane	0.808	0.44	U
79-34-5	1,1,2,2-Tetrachloroethane	0.808	0.55	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.808	0.62	U
79-00-5	1,1,2-Trichloroethane	0.808	0.44	U
75-34-3	1,1-Dichloroethane	0.808	0.33	U
75-35-4	1,1-Dichloroethylene	0.808	0.080	U
120-82-1	1,2,4-Trichlorobenzene	0.808	0.60	U
95-63-6	1,2,4-Trimethylbenzene	0.808	0.48	D
106-93-4	1,2-Dibromoethane	0.808	0.62	U
95-50-1	1,2-Dichlorobenzene	0.808	0.49	U
107-06-2	1,2-Dichloroethane	0.808	0.33	U
78-87-5	1,2-Dichloropropane	0.808	0.37	U
76-14-2	1,2-Dichlorotetrafluoroethane	0.808	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.808	0.40	U
106-99-0	1,3-Butadiene	0.808	0.54	U
541-73-1	1,3-Dichlorobenzene	0.808	0.49	U
142-28-9	1,3-Dichloropropane	0.808	0.37	U
106-46-7	1,4-Dichlorobenzene	0.808	0.87	D
123-91-1	1,4-Dioxane	0.808	0.58	U
78-93-3	2-Butanone	0.808	2.0	D
591-78-6	2-Hexanone	0.808	0.66	U
107-05-1	3-Chloropropene	0.808	1.3	U
108-10-1	4-Methyl-2-pentanone	0.808	0.33	U
67-64-1	Acetone	0.808	26	D
107-13-1	Acrylonitrile	0.808	0.18	U
71-43-2	Benzene	0.808	0.88	D
100-44-7	Benzyl chloride	0.808	0.42	U
75-27-4	Bromodichloromethane	0.808	0.54	U
75-25-2	Bromoform	0.808	0.84	U
74-83-9	Bromomethane	0.808	0.31	U
75-15-0	Carbon disulfide	0.808	0.25	U
56-23-5	Carbon tetrachloride	0.808	0.51	D
108-90-7	Chlorobenzene	0.808	0.37	U
75-00-3	Chloroethane	0.808	0.21	U
67-66-3	Chloroform	0.808	0.39	U
74-87-3	Chloromethane	0.808	1.1	D
156-59-2	cis-1,2-Dichloroethylene	0.808	0.080	U
10061-01-5	cis-1,3-Dichloropropylene	0.808	0.37	U
110-82-7	Cyclohexane	0.808	1.9	D

Laboratory: York Analytical Laboratories, Inc. SDG: 20L0735
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Indoor Ambient Air Laboratory ID: 20L0735-06 File ID: TO287086.D
 Sampled: 12/10/20 11:30 Prepared: 12/17/20 09:00 Analyzed: 12/18/20 03:42
 Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL
 Batch: BL01021 Sequence: Y0L1838 Calibration: YK00025 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m ³)	Q
124-48-1	Dibromochloromethane	0.808	0.69	U
75-71-8	Dichlorodifluoromethane	0.808	2.4	D
141-78-6	Ethyl acetate	0.808	3.6	D
100-41-4	Ethyl Benzene	0.808	0.49	D
87-68-3	Hexachlorobutadiene	0.808	0.86	U
67-63-0	Isopropanol	0.808	42	D
80-62-6	Methyl Methacrylate	0.808	1.7	D
1634-04-4	Methyl tert-butyl ether (MTBE)	0.808	0.29	U
75-09-2	Methylene chloride	0.808	120	D
142-82-5	n-Heptane	0.808	0.83	D
110-54-3	n-Hexane	0.808	62	D
95-47-6	o-Xylene	0.808	0.53	D
179601-23-1	p- & m- Xylenes	0.808	1.6	D
622-96-8	p-Ethyltoluene	0.808	0.44	D
115-07-1	Propylene	0.808	0.14	U
100-42-5	Styrene	0.808	0.34	U
127-18-4	Tetrachloroethylene	0.808	0.71	D
109-99-9	Tetrahydrofuran	0.808	1.1	D
108-88-3	Toluene	0.808	3.6	D
156-60-5	trans-1,2-Dichloroethylene	0.808	0.32	U
10061-02-6	trans-1,3-Dichloropropylene	0.808	0.37	U
79-01-6	Trichloroethylene	0.808	0.11	U
75-69-4	Trichlorofluoromethane (Freon 11)	0.808	5.2	D
108-05-4	Vinyl acetate	0.808	0.28	U
593-60-2	Vinyl bromide	0.808	0.35	U
75-01-4	Vinyl Chloride	0.808	0.10	U

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 20L0735
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Indoor Ambient Air Laboratory ID: 20L0735-07 File ID: TO287087.D
 Sampled: 12/10/20 10:30 Prepared: 12/17/20 09:00 Analyzed: 12/18/20 04:41
 Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL
 Batch: BL01021 Sequence: Y0L1838 Calibration: YK00025 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m ³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.751	0.52	U
71-55-6	1,1,1-Trichloroethane	0.751	0.41	U
79-34-5	1,1,2,2-Tetrachloroethane	0.751	0.52	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.751	0.58	U
79-00-5	1,1,2-Trichloroethane	0.751	0.41	U
75-34-3	1,1-Dichloroethane	0.751	0.30	U
75-35-4	1,1-Dichloroethylene	0.751	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.751	0.56	U
95-63-6	1,2,4-Trimethylbenzene	0.751	0.70	D
106-93-4	1,2-Dibromoethane	0.751	0.58	U
95-50-1	1,2-Dichlorobenzene	0.751	0.45	U
107-06-2	1,2-Dichloroethane	0.751	0.67	D
78-87-5	1,2-Dichloropropane	0.751	0.35	U
76-14-2	1,2-Dichlorotetrafluoroethane	0.751	0.52	U
108-67-8	1,3,5-Trimethylbenzene	0.751	0.37	U
106-99-0	1,3-Butadiene	0.751	0.50	U
541-73-1	1,3-Dichlorobenzene	0.751	0.45	U
142-28-9	1,3-Dichloropropane	0.751	0.35	U
106-46-7	1,4-Dichlorobenzene	0.751	0.45	U
123-91-1	1,4-Dioxane	0.751	0.54	U
78-93-3	2-Butanone	0.751	4.3	D
591-78-6	2-Hexanone	0.751	0.62	U
107-05-1	3-Chloropropene	0.751	1.2	U
108-10-1	4-Methyl-2-pentanone	0.751	0.40	D
67-64-1	Acetone	0.751	38	D
107-13-1	Acrylonitrile	0.751	0.16	U
71-43-2	Benzene	0.751	0.96	D
100-44-7	Benzyl chloride	0.751	0.39	U
75-27-4	Bromodichloromethane	0.751	0.50	U
75-25-2	Bromoform	0.751	0.78	U
74-83-9	Bromomethane	0.751	0.29	U
75-15-0	Carbon disulfide	0.751	0.23	U
56-23-5	Carbon tetrachloride	0.751	0.52	D
108-90-7	Chlorobenzene	0.751	0.35	U
75-00-3	Chloroethane	0.751	0.20	U
67-66-3	Chloroform	0.751	0.37	U
74-87-3	Chloromethane	0.751	1.2	D
156-59-2	cis-1,2-Dichloroethylene	0.751	0.074	U
10061-01-5	cis-1,3-Dichloropropylene	0.751	0.34	U
110-82-7	Cyclohexane	0.751	3.1	D

Laboratory: York Analytical Laboratories, Inc. SDG: 20L0735
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Indoor Ambient Air Laboratory ID: 20L0735-07 File ID: TO287087.D
 Sampled: 12/10/20 10:30 Prepared: 12/17/20 09:00 Analyzed: 12/18/20 04:41
 Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL
 Batch: BL01021 Sequence: Y0L1838 Calibration: YK00025 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m ³)	Q
124-48-1	Dibromochloromethane	0.751	0.64	U
75-71-8	Dichlorodifluoromethane	0.751	2.5	D
141-78-6	Ethyl acetate	0.751	6.4	D
100-41-4	Ethyl Benzene	0.751	0.65	D
87-68-3	Hexachlorobutadiene	0.751	0.80	U
67-63-0	Isopropanol	0.751	39	D
80-62-6	Methyl Methacrylate	0.751	0.31	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.751	0.27	U
75-09-2	Methylene chloride	0.751	1.7	D
142-82-5	n-Heptane	0.751	1.1	D
110-54-3	n-Hexane	0.751	1.3	D
95-47-6	o-Xylene	0.751	0.65	D
179601-23-1	p- & m- Xylenes	0.751	1.7	D
622-96-8	p-Ethyltoluene	0.751	0.74	D
115-07-1	Propylene	0.751	0.13	U
100-42-5	Styrene	0.751	0.35	D
127-18-4	Tetrachloroethylene	0.751	1.1	D
109-99-9	Tetrahydrofuran	0.751	1.2	D
108-88-3	Toluene	0.751	4.6	D
156-60-5	trans-1,2-Dichloroethylene	0.751	0.30	U
10061-02-6	trans-1,3-Dichloropropylene	0.751	0.34	U
79-01-6	Trichloroethylene	0.751	0.10	U
75-69-4	Trichlorofluoromethane (Freon 11)	0.751	3.4	D
108-05-4	Vinyl acetate	0.751	0.26	U
593-60-2	Vinyl bromide	0.751	0.33	U
75-01-4	Vinyl Chloride	0.751	0.096	U

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 20L0735
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Outdoor Ambient Air Laboratory ID: 20L0735-08 File ID: TO287088.D
 Sampled: 12/10/20 10:33 Prepared: 12/17/20 09:00 Analyzed: 12/18/20 05:40
 Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL
 Batch: BL01021 Sequence: Y0L1838 Calibration: YK00025 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m ³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1.24	0.85	U
71-55-6	1,1,1-Trichloroethane	1.24	0.67	U
79-34-5	1,1,2,2-Tetrachloroethane	1.24	0.85	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.24	0.95	U
79-00-5	1,1,2-Trichloroethane	1.24	0.67	U
75-34-3	1,1-Dichloroethane	1.24	0.50	U
75-35-4	1,1-Dichloroethylene	1.24	0.12	U
120-82-1	1,2,4-Trichlorobenzene	1.24	0.92	U
95-63-6	1,2,4-Trimethylbenzene	1.24	0.61	U
106-93-4	1,2-Dibromoethane	1.24	0.95	U
95-50-1	1,2-Dichlorobenzene	1.24	0.74	U
107-06-2	1,2-Dichloroethane	1.24	0.50	U
78-87-5	1,2-Dichloropropane	1.24	0.57	U
76-14-2	1,2-Dichlorotetrafluoroethane	1.24	0.86	U
108-67-8	1,3,5-Trimethylbenzene	1.24	0.61	U
106-99-0	1,3-Butadiene	1.24	0.82	U
541-73-1	1,3-Dichlorobenzene	1.24	0.74	U
142-28-9	1,3-Dichloropropane	1.24	0.57	U
106-46-7	1,4-Dichlorobenzene	1.24	0.74	U
123-91-1	1,4-Dioxane	1.24	0.89	U
78-93-3	2-Butanone	1.24	0.80	D
591-78-6	2-Hexanone	1.24	1.0	U
107-05-1	3-Chloropropene	1.24	1.9	U
108-10-1	4-Methyl-2-pentanone	1.24	0.51	U
67-64-1	Acetone	1.24	8.7	D
107-13-1	Acrylonitrile	1.24	0.27	U
71-43-2	Benzene	1.24	1.0	D
100-44-7	Benzyl chloride	1.24	0.64	U
75-27-4	Bromodichloromethane	1.24	0.83	U
75-25-2	Bromoform	1.24	1.3	U
74-83-9	Bromomethane	1.24	0.48	U
75-15-0	Carbon disulfide	1.24	0.62	D
56-23-5	Carbon tetrachloride	1.24	0.54	D
108-90-7	Chlorobenzene	1.24	0.57	U
75-00-3	Chloroethane	1.24	0.33	U
67-66-3	Chloroform	1.24	0.60	U
74-87-3	Chloromethane	1.24	0.87	D
156-59-2	cis-1,2-Dichloroethylene	1.24	0.12	U
10061-01-5	cis-1,3-Dichloropropylene	1.24	0.56	U
110-82-7	Cyclohexane	1.24	0.43	U

Laboratory: York Analytical Laboratories, Inc. SDG: 20L0735
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Outdoor Ambient Air Laboratory ID: 20L0735-08 File ID: TO287088.D
 Sampled: 12/10/20 10:33 Prepared: 12/17/20 09:00 Analyzed: 12/18/20 05:40
 Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL
 Batch: BL01021 Sequence: Y0L1838 Calibration: YK00025 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m ³)	Q
124-48-1	Dibromochloromethane	1.24	1.1	U
75-71-8	Dichlorodifluoromethane	1.24	2.6	D
141-78-6	Ethyl acetate	1.24	0.89	U
100-41-4	Ethyl Benzene	1.24	0.54	U
87-68-3	Hexachlorobutadiene	1.24	1.3	U
67-63-0	Isopropanol	1.24	2.7	D
80-62-6	Methyl Methacrylate	1.24	0.51	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1.24	0.45	U
75-09-2	Methylene chloride	1.24	2.1	D
142-82-5	n-Heptane	1.24	0.51	U
110-54-3	n-Hexane	1.24	1.2	D
95-47-6	o-Xylene	1.24	0.54	U
179601-23-1	p- & m- Xylenes	1.24	1.1	U
622-96-8	p-Ethyltoluene	1.24	0.61	U
115-07-1	Propylene	1.24	0.21	U
100-42-5	Styrene	1.24	0.53	U
127-18-4	Tetrachloroethylene	1.24	0.92	D
109-99-9	Tetrahydrofuran	1.24	0.73	U
108-88-3	Toluene	1.24	1.3	D
156-60-5	trans-1,2-Dichloroethylene	1.24	0.49	U
10061-02-6	trans-1,3-Dichloropropylene	1.24	0.56	U
79-01-6	Trichloroethylene	1.24	0.17	U
75-69-4	Trichlorofluoromethane (Freon 11)	1.24	1.5	D
108-05-4	Vinyl acetate	1.24	0.43	U
593-60-2	Vinyl bromide	1.24	0.54	U
75-01-4	Vinyl Chloride	1.24	0.16	U

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 20L0735
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Indoor Ambient Air Laboratory ID: 20L0735-09 File ID: TO287089.D
 Sampled: 12/10/20 00:00 Prepared: 12/17/20 09:00 Analyzed: 12/18/20 06:39
 Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL
 Batch: BL01021 Sequence: Y0L1838 Calibration: YK00025 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m ³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1.02	0.70	U
71-55-6	1,1,1-Trichloroethane	1.02	1.2	D
79-34-5	1,1,2,2-Tetrachloroethane	1.02	0.70	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.02	0.78	U
79-00-5	1,1,2-Trichloroethane	1.02	0.56	U
75-34-3	1,1-Dichloroethane	1.02	0.41	U
75-35-4	1,1-Dichloroethylene	1.02	0.10	U
120-82-1	1,2,4-Trichlorobenzene	1.02	0.76	U
95-63-6	1,2,4-Trimethylbenzene	1.02	5.0	D
106-93-4	1,2-Dibromoethane	1.02	0.78	U
95-50-1	1,2-Dichlorobenzene	1.02	0.61	U
107-06-2	1,2-Dichloroethane	1.02	0.41	U
78-87-5	1,2-Dichloropropane	1.02	0.47	U
76-14-2	1,2-Dichlorotetrafluoroethane	1.02	0.71	U
108-67-8	1,3,5-Trimethylbenzene	1.02	1.4	D
106-99-0	1,3-Butadiene	1.02	2.0	D
541-73-1	1,3-Dichlorobenzene	1.02	0.61	U
142-28-9	1,3-Dichloropropane	1.02	0.47	U
106-46-7	1,4-Dichlorobenzene	1.02	0.61	U
123-91-1	1,4-Dioxane	1.02	0.73	U
78-93-3	2-Butanone	1.02	8.1	D
591-78-6	2-Hexanone	1.02	0.83	U
107-05-1	3-Chloropropene	1.02	1.6	U
108-10-1	4-Methyl-2-pentanone	1.02	5.3	D
107-13-1	Acrylonitrile	1.02	0.22	U
71-43-2	Benzene	1.02	7.8	D
100-44-7	Benzyl chloride	1.02	0.53	U
75-27-4	Bromodichloromethane	1.02	0.68	U
75-25-2	Bromoform	1.02	1.1	U
74-83-9	Bromomethane	1.02	0.40	U
75-15-0	Carbon disulfide	1.02	0.32	U
56-23-5	Carbon tetrachloride	1.02	0.51	D
108-90-7	Chlorobenzene	1.02	0.47	U
75-00-3	Chloroethane	1.02	0.27	U
67-66-3	Chloroform	1.02	0.65	D
74-87-3	Chloromethane	1.02	1.2	D
156-59-2	cis-1,2-Dichloroethylene	1.02	0.10	U
10061-01-5	cis-1,3-Dichloropropylene	1.02	0.46	U
110-82-7	Cyclohexane	1.02	4.8	D
124-48-1	Dibromochloromethane	1.02	0.87	U

Laboratory: York Analytical Laboratories, Inc. SDG: 20L0735
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Indoor Ambient Air Laboratory ID: 20L0735-09 File ID: TO287089.D
 Sampled: 12/10/20 00:00 Prepared: 12/17/20 09:00 Analyzed: 12/18/20 06:39
 Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL
 Batch: BL01021 Sequence: Y0L1838 Calibration: YK00025 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m ³)	Q
75-71-8	Dichlorodifluoromethane	1.02	2.3	D
141-78-6	Ethyl acetate	1.02	9.8	D
100-41-4	Ethyl Benzene	1.02	11	D
87-68-3	Hexachlorobutadiene	1.02	1.1	U
67-63-0	Isopropanol	1.02	12	D
80-62-6	Methyl Methacrylate	1.02	3.8	D
1634-04-4	Methyl tert-butyl ether (MTBE)	1.02	0.37	U
75-09-2	Methylene chloride	1.02	3.5	D
142-82-5	n-Heptane	1.02	9.9	D
110-54-3	n-Hexane	1.02	38	D
95-47-6	o-Xylene	1.02	12	D
179601-23-1	p- & m- Xylenes	1.02	43	D
622-96-8	p-Ethyltoluene	1.02	4.6	D
115-07-1	Propylene	1.02	0.18	U
100-42-5	Styrene	1.02	0.43	U
127-18-4	Tetrachloroethylene	1.02	0.69	U
109-99-9	Tetrahydrofuran	1.02	0.60	U
108-88-3	Toluene	1.02	20	D
156-60-5	trans-1,2-Dichloroethylene	1.02	0.40	U
10061-02-6	trans-1,3-Dichloropropylene	1.02	0.46	U
79-01-6	Trichloroethylene	1.02	1.4	D
75-69-4	Trichlorofluoromethane (Freon 11)	1.02	1.4	D
108-05-4	Vinyl acetate	1.02	0.36	U
593-60-2	Vinyl bromide	1.02	0.45	U
75-01-4	Vinyl Chloride	1.02	0.13	U

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 20L0735
 Client: Fuss & O'Neill, Inc. Project: 20040181.B3N Former Hudson Wire Mill
 Matrix: Indoor Ambient Air Laboratory ID: 20L0735-09RE1 File ID: TO287114.D
 Sampled: 12/10/20 00:00 Prepared: 12/18/20 18:00 Analyzed: 12/19/20 07:10
 Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL
 Batch: BL01055 Sequence: Y0L2154 Calibration: YK00025 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m ³)	Q
67-64-1	Acetone	1.91	140	D

* Values outside of QC limits



Friday, January 14, 2022

Attn: Kristine Garbarino
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Project ID: THE WIRE MILL 61-62 WATER ST OSSINING NY
SDG ID: GCK05766
Sample ID#s: CK05766 - CK05773

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: CT Male Associates

Project: THE WIRE MILL 61-62 WATER ST OSSINING NY

Laboratory Project: GCK05766



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

January 14, 2022

SDG I.D.: GCK05766

CT Male Associates THE WIRE MILL 61-62 WATER ST OSSINING NY

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

January 14, 2022

SDG I.D.: GCK05766

CT Male Associates THE WIRE MILL 61-62 WATER ST OSSINING NY

Laboratory Chronicle

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CK05766	Volatiles (TO15)	12/22/21	12/27/21	12/27/21	KCA	Y
CK05767	Volatiles (TO15)	12/22/21	12/27/21	12/27/21	KCA	Y
CK05768	Volatiles (TO15)	12/22/21	12/27/21	12/27/21	KCA	Y
CK05769	Volatiles (TO15)	12/22/21	12/27/21	12/27/21	KCA	Y
CK05770	Volatiles (TO15)	12/22/21	12/27/21	12/27/21	KCA	Y
CK05771	Volatiles (TO15)	12/22/21	12/27/21	12/27/21	KCA	Y
CK05772	Volatiles (TO15)	12/22/21	12/27/21	12/27/21	KCA	Y
CK05773	Volatiles (TO15)	12/22/21	12/28/21	12/28/21	KCA	Y



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



SDG Comments

January 14, 2022

SDG I.D.: GCK05766

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Sample Id Cross Reference

January 14, 2022

SDG I.D.: GCK05766

Project ID: THE WIRE MILL 61-62 WATER ST OSSINING NY

Client Id	Lab Id	Matrix
IA-5	CK05766	AIR
IA-3	CK05767	AIR
OA-1	CK05768	AIR
IA-9	CK05769	AIR
IA-8	CK05770	AIR
IA-7	CK05771	AIR
IA-6	CK05772	AIR
IA-4	CK05773	AIR



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

January 14, 2022

FOR: Attn: Kristine Garbarino
 CT Male Associates
 50 Century Hill Drive
 Latham, NY 12110

Sample Information

Matrix: AIR
 Location Code: CT-MALE
 Rush Request: Standard
 P.O.#:
 Canister Id: 12367

Custody Information

Collected by: AM/RA
 Received by: B
 Analyzed by: see "By" below

Date

12/22/21
 12/27/21

Time

10:32
 16:19

Laboratory Data

SDG ID: GCK05766
 Phoenix ID: CK05766

Project ID: THE WIRE MILL 61-62 WATER ST OSSINING NY
 Client ID: IA-5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/21	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/21	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/21	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/21	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/21	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/27/21	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/27/21	KCA	1
1,2,4-Trimethylbenzene	0.516	0.204	0.204	2.54	1.00	1.00	12/27/21	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/27/21	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/21	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/21	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/27/21	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/27/21	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/21	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/27/21	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/21	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/21	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/27/21	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/21	KCA	1
4-Ethyltoluene	0.456	0.204	0.204	2.24	1.00	1.00	12/27/21	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/27/21	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/21	KCA	1
Acetone	5.10	0.421	0.421	12.1	1.00	1.00	12/27/21	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/27/21	KCA	1
Benzene	0.362	0.313	0.313	1.16	1.00	1.00	12/27/21	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/27/21	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3LOD/ RL MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	0.149	0.149	ND	1.00 1.00	12/27/21	KCA	1	
Bromoform	ND	0.097	0.097	ND	1.00 1.00	12/27/21	KCA	1	
Bromomethane	ND	0.258	0.258	ND	1.00 1.00	12/27/21	KCA	1	
Carbon Disulfide	ND	0.321	0.321	ND	1.00 1.00	12/27/21	KCA	1	
Carbon Tetrachloride	0.081	0.032	0.032	0.51	0.20 0.20	12/27/21	KCA	1	
Chlorobenzene	ND	0.217	0.217	ND	1.00 1.00	12/27/21	KCA	1	
Chloroethane	ND	0.379	0.379	ND	1.00 1.00	12/27/21	KCA	1	
Chloroform	ND	0.205	0.205	ND	1.00 1.00	12/27/21	KCA	1	
Chloromethane	ND	0.485	0.485	ND	1.00 1.00	12/27/21	KCA	1	
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20 0.20	12/27/21	KCA	1	
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00 1.00	12/27/21	KCA	1	
Cyclohexane	1.47	0.291	0.291	5.06	1.00 1.00	12/27/21	KCA	1	
Dibromochloromethane	ND	0.118	0.118	ND	1.00 1.00	12/27/21	KCA	1	
Dichlorodifluoromethane	0.514	0.202	0.202	2.54	1.00 1.00	12/27/21	KCA	1	
Ethanol	19.1	0.531	0.531	36.0	1.00 1.00	12/27/21	KCA	1	
Ethyl acetate	2.04	0.278	0.278	7.35	1.00 1.00	12/27/21	KCA	1	
Ethylbenzene	0.233	0.230	0.230	1.01	1.00 1.00	12/27/21	KCA	1	
Heptane	0.496	0.244	0.244	2.03	1.00 1.00	12/27/21	KCA	1	
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00 1.00	12/27/21	KCA	1	
Hexane	0.965	0.284	0.284	3.40	1.00 1.00	12/27/21	KCA	1	
Isopropylalcohol	3.17	0.407	0.407	7.79	1.00 1.00	12/27/21	KCA	1	
Isopropylbenzene	ND	0.204	0.204	ND	1.00 1.00	12/27/21	KCA	1	
m,p-Xylene	0.806	0.230	0.230	3.50	1.00 1.00	12/27/21	KCA	1	
Methyl Ethyl Ketone	1.13	0.339	0.339	3.33	1.00 1.00	12/27/21	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00 1.00	12/27/21	KCA	1	
Methylene Chloride	ND	0.864	0.864	ND	3.00 3.00	12/27/21	KCA	1	
n-Butylbenzene	ND	0.182	0.182	ND	1.00 1.00	12/27/21	KCA	1	
o-Xylene	0.297	0.230	0.230	1.29	1.00 1.00	12/27/21	KCA	1	
Propylene	ND	0.581	0.581	ND	1.00 1.00	12/27/21	KCA	1	
sec-Butylbenzene	ND	0.182	0.182	ND	1.00 1.00	12/27/21	KCA	1	
Styrene	ND	0.235	0.235	ND	1.00 1.00	12/27/21	KCA	1	
Tetrachloroethene	0.198	0.037	0.037	1.34	0.25 0.25	12/27/21	KCA	1	
Tetrahydrofuran	0.855	0.339	0.339	2.52	1.00 1.00	12/27/21	KCA	1	
Toluene	1.61	0.266	0.266	6.06	1.00 1.00	12/27/21	KCA	1	
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00 1.00	12/27/21	KCA	1	
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00 1.00	12/27/21	KCA	1	
Trichloroethene	ND	0.037	0.037	ND	0.20 0.20	12/27/21	KCA	1	
Trichlorofluoromethane	0.655	0.178	0.178	3.68	1.00 1.00	12/27/21	KCA	1	
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00 1.00	12/27/21	KCA	1	
Vinyl Chloride	ND	0.078	0.078	ND	0.20 0.20	12/27/21	KCA	1	
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	99	%	%	99	%	%	12/27/21	KCA	1
% IS-1,4-Difluorobenzene	118	%	%	118	%	%	12/27/21	KCA	1
% IS-Bromochloromethane	117	%	%	117	%	%	12/27/21	KCA	1
% IS-Chlorobenzene-d5	118	%	%	118	%	%	12/27/21	KCA	1

Client ID: IA-5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3LOD/ RL MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

The canister was received under no vacuum, therefore sample results may not be representative.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

January 14, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

January 14, 2022

FOR: Attn: Kristine Garbarino
 CT Male Associates
 50 Century Hill Drive
 Latham, NY 12110

Sample Information

Matrix: AIR
 Location Code: CT-MALE
 Rush Request: Standard
 P.O.#:
 Canister Id: 487

Custody Information

Collected by: AM/RA
 Received by: B
 Analyzed by: see "By" below

Date: 12/22/21 10:16
 12/27/21 16:19

Laboratory Data

SDG ID: GCK05766
 Phoenix ID: CK05767

Project ID: THE WIRE MILL 61-62 WATER ST OSSINING NY
 Client ID: IA-3

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/21	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/21	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/21	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/21	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/21	KCA	1	
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/27/21	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/27/21	KCA	1	
1,2,4-Trimethylbenzene	0.368	0.204	0.204	1.81	1.00	1.00	12/27/21	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/27/21	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/21	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/21	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/27/21	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/27/21	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/21	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/27/21	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/21	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/21	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/27/21	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/21	KCA	1	1
4-Ethyltoluene	0.306	0.204	0.204	1.50	1.00	1.00	12/27/21	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/27/21	KCA	1	1
4-Methyl-2-pentanone(MIBK)	1.26	0.244	0.244	5.16	1.00	1.00	12/27/21	KCA	1	
Acetone	8.48	0.421	0.421	20.1	1.00	1.00	12/27/21	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/27/21	KCA	1	
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/27/21	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/27/21	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/27/21	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/27/21	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/27/21	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/27/21	KCA	1
Carbon Tetrachloride	0.078	0.032	0.032	0.49	0.20	0.20	12/27/21	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/27/21	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/27/21	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/27/21	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	12/27/21	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/27/21	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/27/21	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/27/21	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/27/21	KCA	1
Dichlorodifluoromethane	0.494	0.202	0.202	2.44	1.00	1.00	12/27/21	KCA	1
Ethanol	52.7	E 0.531	0.531	99.2	1.00	1.00	12/27/21	KCA	1
Ethyl acetate	0.561	0.278	0.278	2.02	1.00	1.00	12/27/21	KCA	1
Ethylbenzene	0.681	0.230	0.230	2.96	1.00	1.00	12/27/21	KCA	1
Heptane	0.398	0.244	0.244	1.63	1.00	1.00	12/27/21	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/27/21	KCA	1
Hexane	0.694	0.284	0.284	2.44	1.00	1.00	12/27/21	KCA	1
Isopropylalcohol	8.11	0.407	0.407	19.9	1.00	1.00	12/27/21	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/21	KCA	1
m,p-Xylene	2.20	0.230	0.230	9.5	1.00	1.00	12/27/21	KCA	1
Methyl Ethyl Ketone	1.42	0.339	0.339	4.19	1.00	1.00	12/27/21	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/27/21	KCA	1
Methylene Chloride	ND	0.864	0.864	ND	3.00	3.00	12/27/21	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/27/21	KCA	1
o-Xylene	0.785	0.230	0.230	3.41	1.00	1.00	12/27/21	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/27/21	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/27/21	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/27/21	KCA	1
Tetrachloroethene	0.277	0.037	0.037	1.88	0.25	0.25	12/27/21	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/27/21	KCA	1
Toluene	4.51	0.266	0.266	17.0	1.00	1.00	12/27/21	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/21	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/27/21	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	12/27/21	KCA	1
Trichlorofluoromethane	0.235	0.178	0.178	1.32	1.00	1.00	12/27/21	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/27/21	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/27/21	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	99	%	%	99	%	%	12/27/21	KCA	1
% IS-1,4-Difluorobenzene	119	%	%	119	%	%	12/27/21	KCA	1
% IS-Bromochloromethane	117	%	%	117	%	%	12/27/21	KCA	1
% IS-Chlorobenzene-d5	117	%	%	117	%	%	12/27/21	KCA	1

Client ID: IA-3

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3LOD/ RL MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

The canister was received under no vacuum, therefore sample results may not be representative.

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 14, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

January 14, 2022

FOR: Attn: Kristine Garbarino
 CT Male Associates
 50 Century Hill Drive
 Latham, NY 12110

Sample Information

Matrix: AIR
 Location Code: CT-MALE
 Rush Request: Standard
 P.O.#:
 Canister Id: 23340

Custody Information

Collected by: AM/RA
 Received by: B
 Analyzed by: see "By" below

Date: 12/22/21 11:01
 12/27/21 16:19

Laboratory Data

SDG ID: GCK05766
 Phoenix ID: CK05768

Project ID: THE WIRE MILL 61-62 WATER ST OSSINING NY
 Client ID: OA-1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/21	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/21	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/21	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/21	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/21	KCA	1	
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/27/21	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/27/21	KCA	1	
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/21	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/27/21	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/21	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/21	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/27/21	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/27/21	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/21	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/27/21	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/21	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/21	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/27/21	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/21	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/27/21	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/27/21	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/21	KCA	1	
Acetone	0.818	0.421	0.421	1.94	1.00	1.00	12/27/21	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/27/21	KCA	1	
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/27/21	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/27/21	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/27/21	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/27/21	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/27/21	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/27/21	KCA	1
Carbon Tetrachloride	0.074	0.032	0.032	0.47	0.20	0.20	12/27/21	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/27/21	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/27/21	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/27/21	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	12/27/21	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/27/21	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/27/21	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/27/21	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/27/21	KCA	1
Dichlorodifluoromethane	0.491	0.202	0.202	2.43	1.00	1.00	12/27/21	KCA	1
Ethanol	0.990	0.531	0.531	1.86	1.00	1.00	12/27/21	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/27/21	KCA	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/27/21	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/27/21	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/27/21	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/27/21	KCA	1
Isopropylalcohol	ND	0.407	0.407	ND	1.00	1.00	12/27/21	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/21	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/27/21	KCA	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	12/27/21	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/27/21	KCA	1
Methylene Chloride	ND	0.864	0.864	ND	3.00	3.00	12/27/21	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/27/21	KCA	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/27/21	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/27/21	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/27/21	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/27/21	KCA	1
Tetrachloroethene	ND	0.037	0.037	ND	0.25	0.25	12/27/21	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/27/21	KCA	1
Toluene	ND	0.266	0.266	ND	1.00	1.00	12/27/21	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/21	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/27/21	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	12/27/21	KCA	1
Trichlorofluoromethane	0.216	0.178	0.178	1.21	1.00	1.00	12/27/21	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/27/21	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/27/21	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	98	%	%	98	%	%	12/27/21	KCA	1
% IS-1,4-Difluorobenzene	121	%	%	121	%	%	12/27/21	KCA	1
% IS-Bromochloromethane	121	%	%	121	%	%	12/27/21	KCA	1
% IS-Chlorobenzene-d5	118	%	%	118	%	%	12/27/21	KCA	1

Client ID: OA-1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3LOD/ RL MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

The canister was received under no vacuum, therefore sample results may not be representative.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

January 14, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

January 14, 2022

FOR: Attn: Kristine Garbarino
 CT Male Associates
 50 Century Hill Drive
 Latham, NY 12110

Sample Information

Matrix: AIR
 Location Code: CT-MALE
 Rush Request: Standard
 P.O.#:
 Canister Id: 11291

Custody Information

Collected by: AM/RA
 Received by: B
 Analyzed by: see "By" below

Date

12/22/21
 12/27/21

Time

11:14
 16:19

Laboratory Data

SDG ID: GCK05766
 Phoenix ID: CK05769

Project ID: THE WIRE MILL 61-62 WATER ST OSSINING NY
 Client ID: IA-9

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/21	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/21	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/21	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/21	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/21	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/27/21	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/27/21	KCA	1
1,2,4-Trimethylbenzene	0.409	0.204	0.204	2.01	1.00	1.00	12/27/21	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/27/21	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/21	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/21	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/27/21	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/27/21	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/21	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/27/21	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/21	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/21	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/27/21	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/21	KCA	1
4-Ethyltoluene	0.413	0.204	0.204	2.03	1.00	1.00	12/27/21	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/27/21	KCA	1
4-Methyl-2-pentanone(MIBK)	1.21	0.244	0.244	4.95	1.00	1.00	12/27/21	KCA	1
Acetone	12.1	0.421	0.421	28.7	1.00	1.00	12/27/21	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/27/21	KCA	1
Benzene	1.15	0.313	0.313	3.67	1.00	1.00	12/27/21	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/27/21	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3LOD/ RL MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	0.149	0.149	ND	1.00 1.00	12/27/21	KCA	1	
Bromoform	ND	0.097	0.097	ND	1.00 1.00	12/27/21	KCA	1	
Bromomethane	ND	0.258	0.258	ND	1.00 1.00	12/27/21	KCA	1	
Carbon Disulfide	ND	0.321	0.321	ND	1.00 1.00	12/27/21	KCA	1	
Carbon Tetrachloride	0.079	0.032	0.032	0.50	0.20 0.20	12/27/21	KCA	1	
Chlorobenzene	ND	0.217	0.217	ND	1.00 1.00	12/27/21	KCA	1	
Chloroethane	ND	0.379	0.379	ND	1.00 1.00	12/27/21	KCA	1	
Chloroform	ND	0.205	0.205	ND	1.00 1.00	12/27/21	KCA	1	
Chloromethane	ND	0.485	0.485	ND	1.00 1.00	12/27/21	KCA	1	
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20 0.20	12/27/21	KCA	1	
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00 1.00	12/27/21	KCA	1	
Cyclohexane	0.370	0.291	0.291	1.27	1.00 1.00	12/27/21	KCA	1	
Dibromochloromethane	ND	0.118	0.118	ND	1.00 1.00	12/27/21	KCA	1	
Dichlorodifluoromethane	0.469	0.202	0.202	2.32	1.00 1.00	12/27/21	KCA	1	
Ethanol	162	E 0.531	0.531	305	1.00 1.00	12/27/21	KCA	1 1	
Ethyl acetate	ND	0.278	0.278	ND	1.00 1.00	12/27/21	KCA	1 1	
Ethylbenzene	2.02	0.230	0.230	8.77	1.00 1.00	12/27/21	KCA	1	
Heptane	2.14	0.244	0.244	8.76	1.00 1.00	12/27/21	KCA	1	
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00 1.00	12/27/21	KCA	1	
Hexane	1.27	0.284	0.284	4.47	1.00 1.00	12/27/21	KCA	1	
Isopropylalcohol	6.81	0.407	0.407	16.7	1.00 1.00	12/27/21	KCA	1	
Isopropylbenzene	ND	0.204	0.204	ND	1.00 1.00	12/27/21	KCA	1	
m,p-Xylene	8.20	0.230	0.230	35.6	1.00 1.00	12/27/21	KCA	1	
Methyl Ethyl Ketone	1.81	0.339	0.339	5.33	1.00 1.00	12/27/21	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00 1.00	12/27/21	KCA	1	
Methylene Chloride	1.53	0.864	0.864	5.31	3.00 3.00	12/27/21	KCA	1	
n-Butylbenzene	ND	0.182	0.182	ND	1.00 1.00	12/27/21	KCA	1 1	
o-Xylene	1.71	0.230	0.230	7.42	1.00 1.00	12/27/21	KCA	1	
Propylene	ND	0.581	0.581	ND	1.00 1.00	12/27/21	KCA	1 1	
sec-Butylbenzene	ND	0.182	0.182	ND	1.00 1.00	12/27/21	KCA	1 1	
Styrene	ND	0.235	0.235	ND	1.00 1.00	12/27/21	KCA	1	
Tetrachloroethene	ND	0.037	0.037	ND	0.25 0.25	12/27/21	KCA	1	
Tetrahydrofuran	ND	0.339	0.339	ND	1.00 1.00	12/27/21	KCA	1 1	
Toluene	4.78	0.266	0.266	18.0	1.00 1.00	12/27/21	KCA	1	
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00 1.00	12/27/21	KCA	1	
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00 1.00	12/27/21	KCA	1	
Trichloroethene	0.290	0.037	0.037	1.56	0.20 0.20	12/27/21	KCA	1	
Trichlorofluoromethane	0.218	0.178	0.178	1.22	1.00 1.00	12/27/21	KCA	1	
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00 1.00	12/27/21	KCA	1	
Vinyl Chloride	ND	0.078	0.078	ND	0.20 0.20	12/27/21	KCA	1	
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	97	%	%	97	% %	12/27/21	KCA	1	
% IS-1,4-Difluorobenzene	116	%	%	116	% %	12/27/21	KCA	1	
% IS-Bromochloromethane	116	%	%	116	% %	12/27/21	KCA	1	
% IS-Chlorobenzene-d5	119	%	%	119	% %	12/27/21	KCA	1	

Client ID: IA-9

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3LOD/ RL MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

The canister was received under no vacuum, therefore sample results may not be representative.

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 14, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

January 14, 2022

FOR: Attn: Kristine Garbarino
 CT Male Associates
 50 Century Hill Drive
 Latham, NY 12110

Sample Information

Matrix: AIR
 Location Code: CT-MALE
 Rush Request: Standard
 P.O.#:
 Canister Id: 28552

Custody Information

Collected by: AM/RA
 Received by: B
 Analyzed by: see "By" below

Date

12/22/21
 12/27/21

Time

10:47
 16:19

Laboratory Data

SDG ID: GCK05766
 Phoenix ID: CK05770

Project ID: THE WIRE MILL 61-62 WATER ST OSSINING NY
 Client ID: IA-8

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/21	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/21	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/21	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/21	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/21	KCA	1	
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/27/21	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/27/21	KCA	1	
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/21	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/27/21	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/21	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/21	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/27/21	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/27/21	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/21	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/27/21	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/21	KCA	1	
1,4-Dichlorobenzene	0.444	0.166	0.166	2.67	1.00	1.00	12/27/21	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/27/21	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/21	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/27/21	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/27/21	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/21	KCA	1	
Acetone	8.65	0.421	0.421	20.5	1.00	1.00	12/27/21	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/27/21	KCA	1	
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/27/21	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/27/21	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3LOD/ RL MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	0.149	0.149	ND	1.00 1.00	12/27/21	KCA	1	
Bromoform	ND	0.097	0.097	ND	1.00 1.00	12/27/21	KCA	1	
Bromomethane	ND	0.258	0.258	ND	1.00 1.00	12/27/21	KCA	1	
Carbon Disulfide	ND	0.321	0.321	ND	1.00 1.00	12/27/21	KCA	1	
Carbon Tetrachloride	0.078	0.032	0.032	0.49	0.20 0.20	12/27/21	KCA	1	
Chlorobenzene	ND	0.217	0.217	ND	1.00 1.00	12/27/21	KCA	1	
Chloroethane	ND	0.379	0.379	ND	1.00 1.00	12/27/21	KCA	1	
Chloroform	ND	0.205	0.205	ND	1.00 1.00	12/27/21	KCA	1	
Chloromethane	ND	0.485	0.485	ND	1.00 1.00	12/27/21	KCA	1	
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20 0.20	12/27/21	KCA	1	
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00 1.00	12/27/21	KCA	1	
Cyclohexane	0.375	0.291	0.291	1.29	1.00 1.00	12/27/21	KCA	1	
Dibromochloromethane	ND	0.118	0.118	ND	1.00 1.00	12/27/21	KCA	1	
Dichlorodifluoromethane	0.506	0.202	0.202	2.50	1.00 1.00	12/27/21	KCA	1	
Ethanol	27.5	0.531	0.531	51.8	1.00 1.00	12/27/21	KCA	1	
Ethyl acetate	0.600	0.278	0.278	2.16	1.00 1.00	12/27/21	KCA	1	
Ethylbenzene	ND	0.230	0.230	ND	1.00 1.00	12/27/21	KCA	1	
Heptane	ND	0.244	0.244	ND	1.00 1.00	12/27/21	KCA	1	
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00 1.00	12/27/21	KCA	1	
Hexane	ND	0.284	0.284	ND	1.00 1.00	12/27/21	KCA	1	
Isopropylalcohol	3.54	0.407	0.407	8.70	1.00 1.00	12/27/21	KCA	1	
Isopropylbenzene	ND	0.204	0.204	ND	1.00 1.00	12/27/21	KCA	1	
m,p-Xylene	0.706	0.230	0.230	3.06	1.00 1.00	12/27/21	KCA	1	
Methyl Ethyl Ketone	0.538	0.339	0.339	1.59	1.00 1.00	12/27/21	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00 1.00	12/27/21	KCA	1	
Methylene Chloride	ND	0.864	0.864	ND	3.00 3.00	12/27/21	KCA	1	
n-Butylbenzene	ND	0.182	0.182	ND	1.00 1.00	12/27/21	KCA	1	
o-Xylene	ND	0.230	0.230	ND	1.00 1.00	12/27/21	KCA	1	
Propylene	ND	0.581	0.581	ND	1.00 1.00	12/27/21	KCA	1	
sec-Butylbenzene	ND	0.182	0.182	ND	1.00 1.00	12/27/21	KCA	1	
Styrene	ND	0.235	0.235	ND	1.00 1.00	12/27/21	KCA	1	
Tetrachloroethene	0.200	0.037	0.037	1.36	0.25 0.25	12/27/21	KCA	1	
Tetrahydrofuran	ND	0.339	0.339	ND	1.00 1.00	12/27/21	KCA	1	
Toluene	0.484	0.266	0.266	1.82	1.00 1.00	12/27/21	KCA	1	
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00 1.00	12/27/21	KCA	1	
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00 1.00	12/27/21	KCA	1	
Trichloroethene	ND	0.037	0.037	ND	0.20 0.20	12/27/21	KCA	1	
Trichlorofluoromethane	0.316	0.178	0.178	1.77	1.00 1.00	12/27/21	KCA	1	
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00 1.00	12/27/21	KCA	1	
Vinyl Chloride	ND	0.078	0.078	ND	0.20 0.20	12/27/21	KCA	1	
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	98	%	%	98	%	%	12/27/21	KCA	1
% IS-1,4-Difluorobenzene	115	%	%	115	%	%	12/27/21	KCA	1
% IS-Bromochloromethane	115	%	%	115	%	%	12/27/21	KCA	1
% IS-Chlorobenzene-d5	117	%	%	117	%	%	12/27/21	KCA	1

Client ID: IA-8

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3LOD/ RL MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

The canister was received under no vacuum, therefore sample results may not be representative.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 14, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

January 14, 2022

FOR: Attn: Kristine Garbarino
 CT Male Associates
 50 Century Hill Drive
 Latham, NY 12110

Sample Information

Matrix: AIR
 Location Code: CT-MALE
 Rush Request: Standard
 P.O.#:
 Canister Id: 172

Custody Information

Collected by: AM/RA
 Received by: B
 Analyzed by: see "By" below

Date

12/22/21
 12/27/21

Time

10:45
 16:19

Laboratory Data

SDG ID: GCK05766
 Phoenix ID: CK05771

Project ID: THE WIRE MILL 61-62 WATER ST OSSINING NY
 Client ID: IA-7

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/21	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/21	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/21	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/21	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/21	KCA	1	
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/27/21	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/27/21	KCA	1	
1,2,4-Trimethylbenzene	0.591	0.204	0.204	2.90	1.00	1.00	12/27/21	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/27/21	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/21	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/21	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/27/21	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/27/21	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/21	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/27/21	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/21	KCA	1	
1,4-Dichlorobenzene	0.190	0.166	0.166	1.14	1.00	1.00	12/27/21	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/27/21	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/21	KCA	1	1
4-Ethyltoluene	0.479	0.204	0.204	2.35	1.00	1.00	12/27/21	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/27/21	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/21	KCA	1	
Acetone	20.8	0.421	0.421	49.4	1.00	1.00	12/27/21	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/27/21	KCA	1	
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/27/21	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/27/21	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/27/21	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/27/21	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/27/21	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/27/21	KCA	1
Carbon Tetrachloride	0.075	0.032	0.032	0.47	0.20	0.20	12/27/21	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/27/21	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/27/21	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/27/21	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	12/27/21	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/27/21	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/27/21	KCA	1
Cyclohexane	1.86	0.291	0.291	6.40	1.00	1.00	12/27/21	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/27/21	KCA	1
Dichlorodifluoromethane	0.521	0.202	0.202	2.57	1.00	1.00	12/27/21	KCA	1
Ethanol	18.6	0.531	0.531	35.0	1.00	1.00	12/27/21	KCA	1
Ethyl acetate	2.62	0.278	0.278	9.44	1.00	1.00	12/27/21	KCA	1
Ethylbenzene	0.492	0.230	0.230	2.14	1.00	1.00	12/27/21	KCA	1
Heptane	0.411	0.244	0.244	1.68	1.00	1.00	12/27/21	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/27/21	KCA	1
Hexane	0.430	0.284	0.284	1.51	1.00	1.00	12/27/21	KCA	1
Isopropylalcohol	4.34	0.407	0.407	10.7	1.00	1.00	12/27/21	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/21	KCA	1
m,p-Xylene	2.38	0.230	0.230	10.3	1.00	1.00	12/27/21	KCA	1
Methyl Ethyl Ketone	1.52	0.339	0.339	4.48	1.00	1.00	12/27/21	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/27/21	KCA	1
Methylene Chloride	ND	0.864	0.864	ND	3.00	3.00	12/27/21	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/27/21	KCA	1
o-Xylene	0.712	0.230	0.230	3.09	1.00	1.00	12/27/21	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/27/21	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/27/21	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/27/21	KCA	1
Tetrachloroethene	0.662	0.037	0.037	4.49	0.25	0.25	12/27/21	KCA	1
Tetrahydrofuran	0.501	0.339	0.339	1.48	1.00	1.00	12/27/21	KCA	1
Toluene	1.42	0.266	0.266	5.35	1.00	1.00	12/27/21	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/21	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/27/21	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	12/27/21	KCA	1
Trichlorofluoromethane	0.806	0.178	0.178	4.53	1.00	1.00	12/27/21	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/27/21	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/27/21	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	100	%	%	100	%	%	12/27/21	KCA	1
% IS-1,4-Difluorobenzene	119	%	%	119	%	%	12/27/21	KCA	1
% IS-Bromochloromethane	117	%	%	117	%	%	12/27/21	KCA	1
% IS-Chlorobenzene-d5	119	%	%	119	%	%	12/27/21	KCA	1

Client ID: IA-7

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3LOD/ RL MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

The canister was received under no vacuum, therefore sample results may not be representative.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

January 14, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

January 14, 2022

FOR: Attn: Kristine Garbarino
 CT Male Associates
 50 Century Hill Drive
 Latham, NY 12110

Sample Information

Matrix: AIR
 Location Code: CT-MALE
 Rush Request: Standard
 P.O.#:
 Canister Id: 28571

Custody Information

Collected by: AM/RA
 Received by: B
 Analyzed by: see "By" below

Date

12/22/21
 12/27/21

Time

10:55
 16:19

Laboratory Data

SDG ID: GCK05766
 Phoenix ID: CK05772

Project ID: THE WIRE MILL 61-62 WATER ST OSSINING NY
 Client ID: IA-6

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/21	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/21	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/21	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/21	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/21	KCA	1	
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/27/21	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/27/21	KCA	1	
1,2,4-Trimethylbenzene	0.391	0.204	0.204	1.92	1.00	1.00	12/27/21	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/27/21	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/21	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/21	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/27/21	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/27/21	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/21	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/27/21	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/21	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/21	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/27/21	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/21	KCA	1	1
4-Ethyltoluene	0.356	0.204	0.204	1.75	1.00	1.00	12/27/21	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/27/21	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/21	KCA	1	
Acetone	17.4	0.421	0.421	41.3	1.00	1.00	12/27/21	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/27/21	KCA	1	
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/27/21	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/27/21	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3LOD/ RL MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	0.149	0.149	ND	1.00 1.00	12/27/21	KCA	1	
Bromoform	ND	0.097	0.097	ND	1.00 1.00	12/27/21	KCA	1	
Bromomethane	ND	0.258	0.258	ND	1.00 1.00	12/27/21	KCA	1	
Carbon Disulfide	ND	0.321	0.321	ND	1.00 1.00	12/27/21	KCA	1	
Carbon Tetrachloride	0.084	0.032	0.032	0.53	0.20 0.20	12/27/21	KCA	1	
Chlorobenzene	ND	0.217	0.217	ND	1.00 1.00	12/27/21	KCA	1	
Chloroethane	ND	0.379	0.379	ND	1.00 1.00	12/27/21	KCA	1	
Chloroform	ND	0.205	0.205	ND	1.00 1.00	12/27/21	KCA	1	
Chloromethane	ND	0.485	0.485	ND	1.00 1.00	12/27/21	KCA	1	
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20 0.20	12/27/21	KCA	1	
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00 1.00	12/27/21	KCA	1	
Cyclohexane	9.25	0.291	0.291	31.8	1.00 1.00	12/27/21	KCA	1	
Dibromochloromethane	ND	0.118	0.118	ND	1.00 1.00	12/27/21	KCA	1	
Dichlorodifluoromethane	0.512	0.202	0.202	2.53	1.00 1.00	12/27/21	KCA	1	
Ethanol	29.5	0.531	0.531	55.5	1.00 1.00	12/27/21	KCA	1	
Ethyl acetate	14.8	0.278	0.278	53.3	1.00 1.00	12/27/21	KCA	1	
Ethylbenzene	ND	0.230	0.230	ND	1.00 1.00	12/27/21	KCA	1	
Heptane	1.52	0.244	0.244	6.23	1.00 1.00	12/27/21	KCA	1	
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00 1.00	12/27/21	KCA	1	
Hexane	0.832	0.284	0.284	2.93	1.00 1.00	12/27/21	KCA	1	
Isopropylalcohol	16.1	0.407	0.407	39.6	1.00 1.00	12/27/21	KCA	1	
Isopropylbenzene	ND	0.204	0.204	ND	1.00 1.00	12/27/21	KCA	1	
m,p-Xylene	0.749	0.230	0.230	3.25	1.00 1.00	12/27/21	KCA	1	
Methyl Ethyl Ketone	6.05	0.339	0.339	17.8	1.00 1.00	12/27/21	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00 1.00	12/27/21	KCA	1	
Methylene Chloride	ND	0.864	0.864	ND	3.00 3.00	12/27/21	KCA	1	
n-Butylbenzene	ND	0.182	0.182	ND	1.00 1.00	12/27/21	KCA	1	
o-Xylene	0.279	0.230	0.230	1.21	1.00 1.00	12/27/21	KCA	1	
Propylene	ND	0.581	0.581	ND	1.00 1.00	12/27/21	KCA	1	
sec-Butylbenzene	ND	0.182	0.182	ND	1.00 1.00	12/27/21	KCA	1	
Styrene	ND	0.235	0.235	ND	1.00 1.00	12/27/21	KCA	1	
Tetrachloroethene	9.64	0.037	0.037	65.3	0.25 0.25	12/27/21	KCA	1	
Tetrahydrofuran	1.72	0.339	0.339	5.07	1.00 1.00	12/27/21	KCA	1	
Toluene	6.10	0.266	0.266	23.0	1.00 1.00	12/27/21	KCA	1	
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00 1.00	12/27/21	KCA	1	
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00 1.00	12/27/21	KCA	1	
Trichloroethene	ND	0.037	0.037	ND	0.20 0.20	12/27/21	KCA	1	
Trichlorofluoromethane	0.627	0.178	0.178	3.52	1.00 1.00	12/27/21	KCA	1	
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00 1.00	12/27/21	KCA	1	
Vinyl Chloride	ND	0.078	0.078	ND	0.20 0.20	12/27/21	KCA	1	
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	95	%	%	95	%	%	12/27/21	KCA	1
% IS-1,4-Difluorobenzene	114	%	%	114	%	%	12/27/21	KCA	1
% IS-Bromochloromethane	111	%	%	111	%	%	12/27/21	KCA	1
% IS-Chlorobenzene-d5	116	%	%	116	%	%	12/27/21	KCA	1

Client ID: IA-6

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3LOD/ RL MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

The canister was received under no vacuum, therefore sample results may not be representative.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

January 14, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

January 14, 2022

FOR: Attn: Kristine Garbarino
 CT Male Associates
 50 Century Hill Drive
 Latham, NY 12110

Sample Information

Matrix: AIR
 Location Code: CT-MALE
 Rush Request: Standard
 P.O.#:
 Canister Id: 28605

Custody Information

Collected by: AM/RA
 Received by: B
 Analyzed by: see "By" below

Date

12/22/21
 12/27/21

Time

10:23
 16:19

Laboratory Data

SDG ID: GCK05766
 Phoenix ID: CK05773

Project ID: THE WIRE MILL 61-62 WATER ST OSSINING NY
 Client ID: IA-4

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/28/21	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/28/21	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/28/21	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/28/21	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/28/21	KCA	1	
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/28/21	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/28/21	KCA	1	
1,2,4-Trimethylbenzene	0.262	0.204	0.204	1.29	1.00	1.00	12/28/21	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/28/21	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/28/21	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/28/21	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/28/21	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/28/21	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/28/21	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/28/21	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/28/21	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/28/21	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/28/21	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/28/21	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/28/21	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/28/21	KCA	1	1
4-Methyl-2-pentanone(MIBK)	0.265	0.244	0.244	1.08	1.00	1.00	12/28/21	KCA	1	
Acetone	5.85	0.421	0.421	13.9	1.00	1.00	12/28/21	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/28/21	KCA	1	
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/28/21	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/28/21	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/28/21	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/28/21	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/28/21	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/28/21	KCA	1
Carbon Tetrachloride	0.083	0.032	0.032	0.52	0.20	0.20	12/28/21	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/28/21	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/28/21	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/28/21	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	12/28/21	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/28/21	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/28/21	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/28/21	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/28/21	KCA	1
Dichlorodifluoromethane	0.528	0.202	0.202	2.61	1.00	1.00	12/28/21	KCA	1
Ethanol	28.5	0.531	0.531	53.7	1.00	1.00	12/28/21	KCA	1
Ethyl acetate	0.438	0.278	0.278	1.58	1.00	1.00	12/28/21	KCA	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/28/21	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/28/21	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/28/21	KCA	1
Hexane	0.365	0.284	0.284	1.29	1.00	1.00	12/28/21	KCA	1
Isopropylalcohol	5.67	0.407	0.407	13.9	1.00	1.00	12/28/21	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/28/21	KCA	1
m,p-Xylene	0.643	0.230	0.230	2.79	1.00	1.00	12/28/21	KCA	1
Methyl Ethyl Ketone	0.956	0.339	0.339	2.82	1.00	1.00	12/28/21	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/28/21	KCA	1
Methylene Chloride	ND	0.864	0.864	ND	3.00	3.00	12/28/21	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/28/21	KCA	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/28/21	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/28/21	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/28/21	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/28/21	KCA	1
Tetrachloroethene	0.195	0.037	0.037	1.32	0.25	0.25	12/28/21	KCA	1
Tetrahydrofuran	0.858	0.339	0.339	2.53	1.00	1.00	12/28/21	KCA	1
Toluene	1.21	0.266	0.266	4.56	1.00	1.00	12/28/21	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/28/21	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/28/21	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	12/28/21	KCA	1
Trichlorofluoromethane	0.264	0.178	0.178	1.48	1.00	1.00	12/28/21	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/28/21	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/28/21	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	98	%	%	98	%	%	12/28/21	KCA	1
% IS-1,4-Difluorobenzene	109	%	%	109	%	%	12/28/21	KCA	1
% IS-Bromochloromethane	107	%	%	107	%	%	12/28/21	KCA	1
% IS-Chlorobenzene-d5	111	%	%	111	%	%	12/28/21	KCA	1

Client ID: IA-4

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3LOD/ RL MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

The canister was received under no vacuum, therefore sample results may not be representative.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

January 14, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Canister Sampling Information

January 14, 2022

FOR: Attn: Kristine Garbarino
 CT Male Associates
 50 Century Hill Drive
 Latham, NY 12110

Location Code: CT-MALE

SDG I.D.: GCK05766

Project ID: THE WIRE MILL 61-62 WATER ST OSSINING NY

Client Id	Lab Id	Canister		Reg. Id	Chk Out Date	Laboratory					Field			
		Id	Type			Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
IA-5	CK05766	12867	6.0L	2929	12/16/21	-30	0	3.6	4.1	13.0	-31	-4	12/22/21 10:40	12/23/21 10:32
IA-3	CK05767	487	6.0L	2866	12/16/21	-30	0	3.6	3.7	2.7	-27.5	0	12/22/21 10:20	12/23/21 10:16
OA-1	CK05768	23340	6.0L	4484	12/16/21	-30	0	3.6	3.6	0.0	-28.5	-1.5	12/22/21 11:30	12/23/21 11:01
IA-9	CK05769	11291	6.0L	2988	12/16/21	-30	0	3.6	4.0	10.5	-29	-2.5	12/22/21 11:50	12/23/21 11:14
IA-8	CK05770	28552	6.0L	5061	12/16/21	-30	0	3.6	3.7	2.7	-30	-2.5	12/22/21 11:00	12/23/21 10:47
IA-7	CK05771	172	6.0L	6996	12/16/21	-30	0	3.6	3.9	8.0	-29.5	0	12/22/21 11:05	12/23/21 10:45
IA-6	CK05772	28571	6.0L	6990	12/16/21	-30	0	3.6	3.7	2.7	-29	0	12/22/21 11:20	12/23/21 10:05
IA-4	CK05773	28605	6.0L	5620	12/16/21	-30	0	3.6	3.6	0.0	-31	-3	12/22/21 10:30	12/23/21 10:23



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



QA/QC Report

January 14, 2022

QA/QC Data

SDG I.D.: GCK05766

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 606206 (ppbv), QC Sample No: CK05766 (CK05766, CK05767, CK05768, CK05769, CK05770, CK05771, CK05772, CK05773)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	110	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	108	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	102	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	110	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	107	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	108	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	56	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	107	2.54	2.51	0.516	0.511	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	99	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	107	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	109	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	107	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	103	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	102	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	104	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	80	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	96	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	106	2.24	2.27	0.456	0.463	NC	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	107	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	104	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	92	12.1	12.2	5.10	5.16	1.2	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	106	1.16	1.13	0.362	0.355	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	84	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	113	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	117	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	100	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	115	0.51	0.52	0.081	0.082	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	109	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	113	ND	ND	ND	ND	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	107	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	107	5.06	5.02	1.47	1.46	0.7	70 - 130	25
Dibromochloromethane	ND	0.120	ND	1.02	114	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.200	ND	0.99	110	2.54	2.52	0.514	0.510	NC	70 - 130	25

QA/QC Data

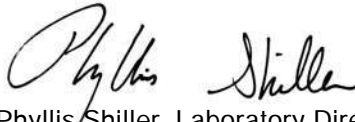
SDG I.D.: GCK05766

Parameter	Bik ppbv	Bik RL ppbv	Bik ug/m3	Bik RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethanol	ND	0.530	ND	1.00	82	36.0	35.6	19.1	18.9	1.1	70 - 130	25
Ethyl acetate	ND	0.280	ND	1.01	131	7.35	7.42	2.04	2.06	1.0	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	107	1.01	ND	0.233	ND	NC	70 - 130	25
Heptane	ND	0.240	ND	0.98	106	2.03	2.09	0.496	0.511	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	66	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.280	ND	0.99	99	3.40	3.30	0.965	0.937	NC	70 - 130	25
Isopropylalcohol	ND	0.410	ND	1.01	110	7.79	7.76	3.17	3.16	0.3	70 - 130	25
Isopropylbenzene	ND	0.200	ND	0.98	107	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	110	3.50	3.44	0.806	0.792	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.340	ND	1.00	100	3.33	3.24	1.13	1.10	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	114	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.860	ND	2.99	93	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.180	ND	0.99	106	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	108	1.29	1.24	0.297	0.285	NC	70 - 130	25
Propylene	ND	0.580	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.180	ND	0.99	109	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.230	ND	0.98	106	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	109	1.34	1.34	0.198	0.198	0.0	70 - 130	25
Tetrahydrofuran	ND	0.340	ND	1.00	92	2.52	2.47	0.855	0.839	NC	70 - 130	25
Toluene	ND	0.270	ND	1.02	107	6.06	5.88	1.61	1.56	3.2	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	109	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.037	ND	0.20	111	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.180	ND	1.01	109	3.68	3.68	0.655	0.655	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.130	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.078	ND	0.20	107	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	94	%	94	%	100	99	98	99	98	NC	70 - 130	25
% IS-1,4-Difluorobenzene	120	%	120	%	113	118	120	118	120	NC	60 - 140	25
% IS-Bromochloromethane	120	%	120	%	113	117	119	117	119	NC	60 - 140	25
% IS-Chlorobenzene-d5	119	%	119	%	114	118	120	118	120	NC	60 - 140	25

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference


 Phyllis Shiller, Laboratory Director
 January 14, 2022

Friday, January 14, 2022

Criteria: NY: AIRIA

State: NY

Sample Criteria Exceedances Report

GCK05766 - CT-MALE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CK05766	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.081	0.032	0.032	0.032	ppbv
CK05767	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.078	0.032	0.032	0.032	ppbv
CK05768	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.074	0.032	0.032	0.032	ppbv
CK05769	\$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.290	0.037	0.037	0.037	ppbv
CK05769	\$AIR_NYTO15	Methylene Chloride	NY / Air Guideline Values / Indoor Air	1.53	0.864	0.864	0.864	ppbv
CK05769	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.079	0.032	0.032	0.032	ppbv
CK05770	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.078	0.032	0.032	0.032	ppbv
CK05771	\$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.662	0.037	0.443	0.443	ppbv
CK05771	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.075	0.032	0.032	0.032	ppbv
CK05772	\$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	9.64	0.037	0.443	0.443	ppbv
CK05772	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.084	0.032	0.032	0.032	ppbv
CK05773	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.083	0.032	0.032	0.032	ppbv

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedances. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedance information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



597 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
 Telephone: 860.645.1100 • Fax: 860.645.0923

CHAIN OF CUSTODY RECORD
AIR ANALYSES

800-827-5426
 email: greg@phoenixlabs.com

P.O. # _____ Page 1 of 1

Data Delivery: _____

Fax#:

Email: K.garbarino@ctnralc.com

Phone #: (845) 454-4400

Report to: Alex Malamet
 Customer: C.T. Male
 Address: 12 Raymond Ave
Roughkepsie NY 12603

Project Name: The Wire Mill
61-62 Water St
Danbury NY

Invoice to: Kristine Garbarino

CTM Proj: # 21.1622

Sampled by: A. Malamet & R. Andujar

Data Format: Excel
 Other: _____

Requested Deliverable: RCP
ASP CAT B

MCP: NJ Deliverables

Quote Number: _____

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (ml/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	MATRIX		ANALYSES
													Ambient/Indoor Air	Soil Gas	
05706	IA-5	12867	6.0	-30	0	2929	3.6	10:40	10:32	12/22/04	-31	-4	X		X
05707	IA-3	487			0	2866		10:20	10:16	12/22/04	-27.5	0	X		X
05708	OA-1	23340			0	4484		11:30	11:01	12/24/04	-28.5	-1.5	X		X
05709	IA-9	11241			0	2988		11:50	11:14	12/22/04	-29	-2.5	X		X
05770	IA-8	26552			0	5061		11:00	10:47	12/22/04	-30	-2.5	X		X
05771	IA-7	172			0	6996		11:05	10:45	12/24/04	-27.5	0	X		X
05772	IA-6	28571			0	6990		11:20	10:55	12/24/04	-29	0	X		X
05773	IA-4	28605			0	5620		10:30	10:23	12/24/04	-31	-3	X		X

Relinquished by: _____ Date: 12/27/04 Time: 11:13

Accepted by: [Signature] Date: 12/27/04 Time: 10:19

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: _____ Date: _____

Requested Criteria: (Please Circle)

CI:	TAC I/C	Indoor Air: Residential	Indoor Air: Residential	Indoor Air: Residential	Indoor Air: Residential	Indoor Air: Residential	Indoor Air: Residential
	TAC RES	Ind/Commercial	Ind/Commercial	Ind/Commercial	Ind/Commercial	Ind/Commercial	Ind/Commercial
	SVWC I/C	Soil Gas: Residential	Soil Gas: Residential	Soil Gas: Residential	Soil Gas: Residential	Soil Gas: Residential	Soil Gas: Residential
	SVWC RES	GWV I/C	GWV I/C	GWV I/C	GWV I/C	GWV I/C	GWV I/C
	GWV CES						

Turnaround Time: 1 Day 2 Day 3 Day 4 Day 5 Day

State Where Samples Collected: New York

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:
8 (61) 24 hr
Samples to be submitted to NYSDEC
for BCP site.

**Appendix D - 2020-2021
Indoor Air Product Inventory**

Soil Vapor Intrusion - Structure Sampling Building Questionnaire

Structure ID : _____

Site No. : _____

Site Name : Hudson Wire Mill

Date: _____

Time: _____

Structure Address : 62 Water Street Ossining NY

Preparer's Name & Affiliation : Paul Grolke (foss & O'Neill)

Residential ? Yes No Owner Occupied ? Yes No Owner Interviewed ? Yes No

Commercial ? Yes No Industrial ? Yes No Mixed Uses ? Yes No

Identify all non-residential use(s) : _____

Owner Name : The Wire Mill, LLC Owner Phone : (914) 944 - 1591

Secondary Owner Phone : (-) - - -

Owner Address (if different) : -

Occupant Name : - Occupant Phone : (-) - - -

Secondary Occupant Phone : (-) - - -

Number & Age of All Persons Residing at this Location : N/A

Additional Owner/Occupant Information : N/A

Describe Structure (style, number floors, size) : Former Manufacturing facility consisting of 13 interconnected buildings constructed of Brick & concrete

Approximate Year Built : _____ Is the building Insulated? Yes No

Lowest level : Slab-on-grade Basement Crawlspace

Describe Lowest Level (finishing, use, time spent in space) : Basement located Below BLDG 5

Floor Type: Concrete Slab Dirt Mixed : _____

Floor Condition : Good (few or no cracks) Average (some cracks) Poor (broken concrete or dirt)

Sumps/Drains? Yes No Describe : 2 sumps w/sealed cover in Basement

Identify other floor penetrations & details : N/A

Wall Construction : Concrete Block Poured Concrete Laid-Up Stone

Identify any wall penetrations : N/A

Identify water, moisture, or seepage: location & severity (sump, cracks, stains, etc) : Standing water is historically observed in the basement - None observed during the inspection

Heating Fuel : Oil Gas Wood Electric Other : _____

Heating System : Forced Air Hot Water Other : _____

Hot Water System : Combustion Electric Boilermate Other : _____

Clothes Dryer : Electric Gas Where is dryer vented to? N/A

If combustion occurs, describe where air is drawn from (cold air return, basement, external air, etc.) : N/A

Fans & Vents (identify where fans/vents pull air from and where they vent/exhaust to) : N/A

Describe factors that may affect indoor air quality (chemical use/storage, unvented heaters, smoking, workshop):

Costume Business (Rentals) routinely Dry-cleaned clothing; Stage manufacturer use paint, glue etc
inside comp uses glue

Attached garage ? Yes No Air fresheners ? Yes No

New carpet or furniture ? Yes No What/Where ? N/A

Recent painting or staining ? Yes No Where ? : _____

Any solvent or chemical-like odors ? Yes No Describe : _____

Last time Dry Cleaned fabrics brought in ? Weekly/17 radon What / Where ? Costume Rental
stage manufacture

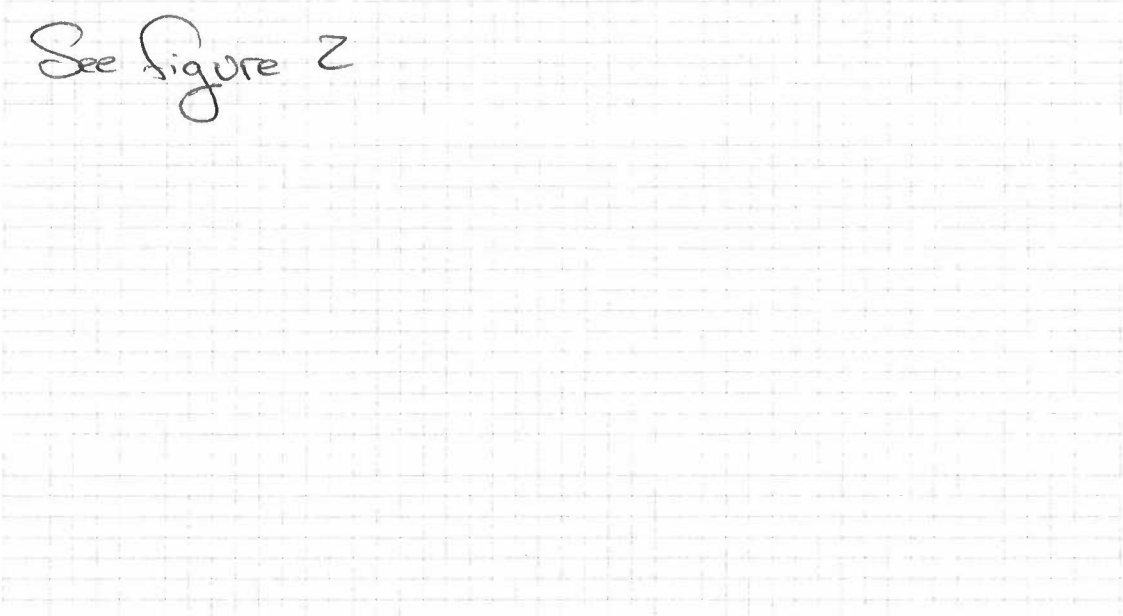
Do any building occupants use solvents at work ? Yes No Describe : uses paints, thinners, glue, etc

Any testing for Radon ? Yes No Results : N/A

Radon System/Soil Vapor Intrusion Mitigation System present ? Yes No If yes, describe below

SSDS system installed in Buildings 1, 2, 5, 6, 8, 11, 13, 14, And Halway

Lowest Building Level Layout Sketch



- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
- Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sketch.
- Identify the locations of the following features on the layout sketch, using the appropriate symbols:

B or F	Boiler or Furnace	o	Other floor or wall penetrations (label appropriately)
HW	Hot Water Heater	xxxxxxx	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	#####	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab vapor samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Structure Sampling - Product Inventory

Homeowner Name & Address: The Wiremill, LLC, 62 Water St. Ossining, NY

Date: _____

Samplers & Company: Paul Gaultke (Fuss 30'neil)

Structure ID: _____

Site Number & Name: Hudson Wiremill

Phone Number: _____

Make & Model of PID: _____

Date of PID Calibration: _____

Identify any Changes from Original Building Questionnaire : _____

Product Name/Description	Quantity	Chemical Ingredients	PID Reading	Location	
WD 40	12 oz	No info	ND	08	
Krytox Dulling spray	11oz	Hydrocarbon petroleum, Isopropanol, Petroleum Distillates Acetone			
spray paint air dry enamel	11.75	Propene Blend, Acetone, Methyl Ethyl Ketone, carbon Black methylisobutyl Latex, n-methylpyrrolidone, Titanium dioxide, Ethylene Glycol Mono Butyl Iso butyl Acrylate			
Great stuff Fire Block	11oz	polymeric diisocyanate, polyurethane prepolymer, Isobutane, Propane, dimethyl ether			
fabreeze	10 fl oz	No info			
Acetone	1 qt	Acetone			
Denatured Alcohol	5.75 qt	no further info			
Pledge	12oz	no info			
Arri Blue Spray paint	12 oz	Standard solvent, Silirane Alkyd, Titanium Dioxide, cester oil, Ethanol			
Isopropl alcohol	12 oz	no further info			
Lysol	12 oz	No info			02
Hand sanitizer	5 gal	Ethanol Alcohol, Glycerol, hydrogen peroxide water			
Wax Black light Paint	1 Liter	no info			
Boogone	.75L	d-limene, petroleum distillates			
WD raw wood flame retardant	15L	no info			
fog juice/fog fluid	6 gal	no info			
Bubble fluid	3 gal	no info			
WD40	12oz	no info			03
Mina wax clear satin	5 gal	1-methyl-2-pyrrolidone			
mark out paint	30oz	Pet. gas, Pet. distillates, Aromatic Hydrocarbons N-Butyl Acetate			
Spray Nine cleaners	32 fl oz	no info			

Structure Sampling - Product Inventory

Homeowner Name & Address: The Wine Mill, LLC, 62 Water St Ossining NY Date: _____

Samplers & Company: Paul Burke (Foss & O'Neill) Structure ID: _____

Site Number & Name: Hudson Wine Mill Phone Number: _____

Make & Model of PID: _____ Date of PID Calibration: _____

Identify any Changes from Original Building Questionnaire : _____

Product Name/Description	Quantity	Chemical Ingredients	PID Reading	Location
Acrylpro tile adhesive	5 gal	no info	ND	03
Lectite construction Adhesive	32 oz	no info	↓	↓
Ben More Paint	14 gal	latex paint	↓	↓
Procoat paint Ester All purpose cement	3 gal	Ethyl acetate, Aliphatic Hydro carbons cyclohexane	0.8	11
Camie Dry silicone	26 oz	no info	0.8	↓
Renia thinner	5L	Ethyl acetate naphtha cyclohexane	0.8	↓
Mainline paint	30 gal	no info	ND	Storage closet
Marking paint	250z	Toluene, xylene, Acetone	↓	↓
2 cycle-oil Homelite	200z	no info	↓	↓
Fog liquid	2 gal	no info	↓	↓
Krylon spray paint	240oz	no info		IA-9 Building
metal/fiberglass Polish & paint restorer	1.5 gal	no info		
Rustoleum Black paint	4 gal	no info		
WD40	12 oz	no info		
Peak anti freeze	2 gal	Ethylene glycol, Diethylene Glycol Potassium 2-ethylhexanoate Denaturant Benzene		
Mobil 15W-20 motor oil	10 qt	no info		
Mirage mirror glass wash	60oz	no info		
Sprayway glass deicer	75oz	no info 2-Butoxyethanol, ethyl alcohol liquefied pet. gas		
2 in 1 Remover Paint Remover	24	no info		
GPT thinner	5 qt	no info		
Behr concrete cleaner	2.5 gal	no info	↓	↓

Soil Vapor Intrusion - Structure Sampling Building Questionnaire

Structure ID : _____

Site No. : 21.1622 Site Name : wire mill

Date: 12/22/2021 Time: 12:07

Structure Address : 62 Water St Ossining, NY

Preparer's Name & Affiliation : Alex Malamet

Residential ? Yes No Owner Occupied ? Yes No Owner Interviewed ? Yes No

Commercial ? Yes No Industrial ? Yes No Mixed Uses ? Yes No

Identify all non-residential use(s) : Self-storage, warehouse, 17th Industrial

Owner Name : The wire mill, LLC Owner Phone : (914) 944-1591

Secondary Owner Phone : () - -

Owner Address (if different) : -

Occupant Name : - Occupant Phone : () - -

Secondary Occupant Phone : () - -

Number & Age of All Persons Residing at this Location : N/A

Additional Owner/Occupant Information : N/A

Describe Structure (style, number floors, size) : Former manufacturing facility consisting of

13 interconnected buildings constructed of brick & concrete, building range from 1-3 stories

Approximate Year Built : 1909-1966 Is the building Insulated? Yes No

Lowest level : Slab-on-grade Basement Crawlspace

Describe Lowest Level (finishing, use, time spent in space) : Basement located below
BLDG #5

Floor Type: Concrete Slab Dirt Mixed : _____

Floor Condition : Good (few or no cracks) Average (some cracks) Poor (broken concrete or dirt)

Sumps/Drains? Yes No Describe : 2 sumps with sealed covers, located in

Identify other floor penetrations & details : N/A

Wall Construction : Concrete Block Poured Concrete Laid-Up Stone

Identify any wall penetrations : N/A

Identify water, moisture, or seepage: location & severity (sump, cracks, stains, etc) : None observed

Heating Fuel : Oil Gas Wood Electric Other : _____

Heating System : Forced Air Hot Water Other : _____

Hot Water System : Combustion Electric Boilermate Other : _____

Clothes Dryer : Electric Gas Where is dryer vented to? N/A

If combustion occurs, describe where air is drawn from (cold air return, basement, external air, etc.): N/A

Fans & Vents (identify where fans/vents pull air from and where they vent/exhaust to) : N/A

Describe factors that may affect indoor air quality (chemical use/storage, unvented heaters, smoking, workshop):

Costume & Set rental business, routinely receives dry-cleaned clothes, shoe sole business uses blue sheets, set manufacturing uses paints/glues/etc.

Attached garage? Yes No Air fresheners? Yes No

New carpet or furniture? Yes No What/Where? _____

Recent painting or staining? Yes No Where?: _____

Any solvent or chemical-like odors? Yes No Describe: _____

Last time Dry Cleaned fabrics brought in? weekly What / Where? Costume rentals (Bldg 6+11)

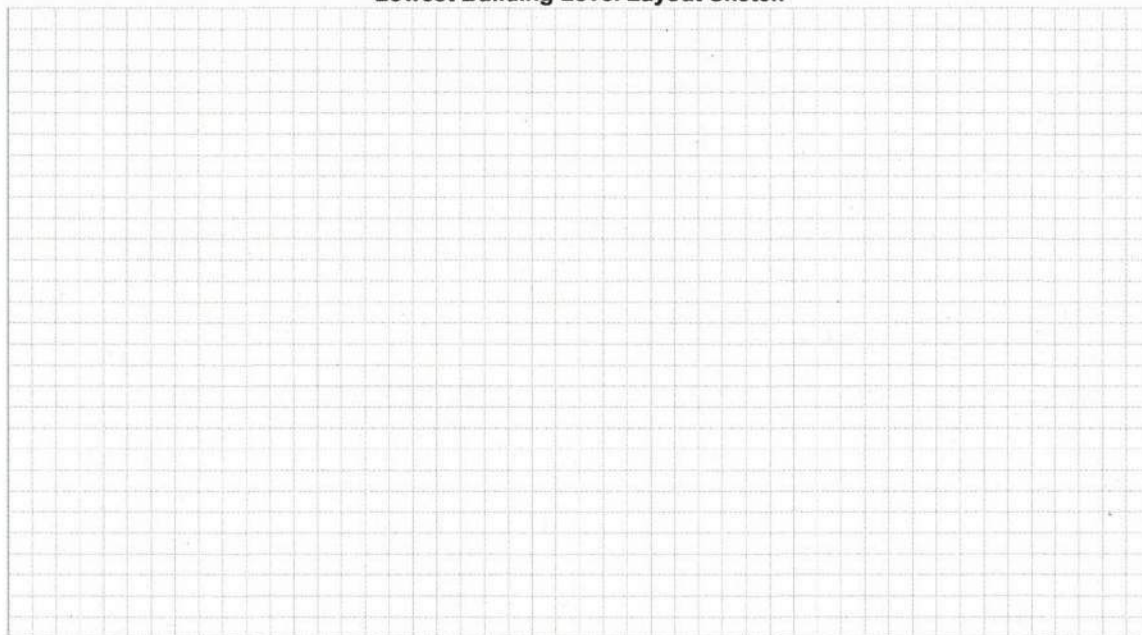
Do any building occupants use solvents at work? Yes No Describe: stage set manufacturing use paints, glues, etc.

Any testing for Radon? Yes No Results: N/A

Radon System/Soil Vapor Intrusion Mitigation System present? Yes No If yes, describe below

SSDS System installed at buildings 1, 2, 5, 6, 8, 11, 13, 14, and hallway

Lowest Building Level Layout Sketch



- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
- Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sketch.
- Identify the locations of the following features on the layout sketch, using the appropriate symbols:

B or F	Boiler or Furnace	o	Other floor or wall penetrations (label appropriately)
HW	Hot Water Heater	xxxxxxx	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	#####	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab vapor samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Structure Sampling - Product Inventory

Homeowner Name & Address: 62 Water St, Winoona WI Date: 12/22/2021
 Samplers & Company: C.T. Male Structure ID: _____
 Site Number & Name: 21.1622 Phone Number: _____
 Make & Model of PID: Wht Rae 3000 Date of PID Calibration: 12/22/2021
 Identify any Changes from Original Building Questionnaire : _____

Product Name/Description	Quantity	Chemical Ingredients	PID Reading	Location
Sprayway Glass Cleaner	10 x 19oz	no info	0.6ppm	61 under sta.
Glass paint	15 gallons total	no info	7.4 ppm	↓
Hydraulic cement	2at	no info	1.8 ppm	
Alcohol	2at	isobutyl Alcohol	0.4 ppm	
SAE 5W-20 motor oil	4.73L	WD info	0.2 ppm	
Silicon sealant	85 x 10oz	no info	0.2 ppm	
Industrial dry coolant	40 lbs	glycolic base	0.2 ppm	
way Lubricant	35 lbs	oil petroleum Lubricant	0.2 ppm	
polishing oil				
Acetone	37 gallon container	Acetone	1.2 ppm	
kerosene	37 gallon container	kerosene	2.8 ppm	
Wood glue	2 x 16 fl oz	no info	0.2 ppm	↓
Pine-Sol	1x 100 fl oz	GLYCOLIC acid,	0.1 ppm	Restroom Chemistry storage
Epoxy floor coating	2x us gallon	Kylene, Nephelone Glycolate, Polyamide, Triamin D-Dase, Ethyl Benzene,	0.1 ppm	↓
Glass acrylic coating	2x us gallon	water, acrylic polymer, di-BONOL, 2-ethanol, 1,1-dimethylpentanediol, H ₂ O	0.1 ppm	
urethane alkyl glass enamel	2x us gallon	no info	0.1 ppm	
Latex floor paint base	2x 530 fl oz	no info	0.1 ppm	↓
WD-40	5x 11oz	no info	0.2 ppm	B/S 10
Bleach	1x 1.42 gallon	no info	0.3 ppm	
Wood glue	1x 16 fl oz		0.5 ppm	
21				

**Appendix E - Parameters
Present in Groundwater
Samples Exceeding TOGS
1.1.1**

Table 8
Former Hudson Wire Mill
Parameters Present in Groundwater Samples Exceeding NYS Standards or Guidance Values (TOGS 1.1.1)

Sampling Location	Parameter	Result (ppb)	NYS Groundwater Standard or Guidance Value (ppb)
Plating Dept			
<u>SB-3</u>	Tetrachloroethene	5.3	5
	Chromium	61.3	50
	Iron	54000	300
	Lead	85.2	25
	Manganese	587	300
	Mercury	1.1	0.7
	Nickel	168	100
	Silver	94.5	50
	Sodium	117000	20000
<u>SB-5</u>			
	2-Butanone (MEK)	73	50
	Chloroform	7.3	7
	cis-1,2-Dichloroethene	8.1	5
	Tetrachloroethene	79	5
	Trichloroethene	70	5
Bldg 6			
<u>SB-9</u>	Tetrachloroethene	17	5
	Trichloroethene	5.4	5
	Chromium	76.4	50
	Copper	1130	200
	Iron	63200	300
	Lead	60.8	25
	Manganese	660	300
	Nickel	111	100

Table 8
Former Hudson Wire Mill
Parameters Present in Groundwater Samples Exceeding NYS Standards or Guidance Values (TOGS 1.1.1)

Sampling Location	Parameter	Result (ppb)	NYS Groundwater Standard or Guidance Value (ppb)
	Sodium	60100	20000
Interior Walkway			
<u>SB-26</u>	Barium	2270	1000
	Cadmium	6.4	5
	Chromium	341	50
	Copper	972	200
	Iron	213000	300
	Lead	34.1	25
	Magnesium	70,000	35,000
	Manganese	2,380	300
	Nickel	247	100
	Sodium	161,000	20,000
North Boundary			
(background)			
<u>SB-28</u>	Barium	4,270	1,000
	Beryllium	24.7	3
	Cadmium	35.1	5
	Chromium	747.0	50
	Copper	1,010.0	200
	Iron	992,000	300
	Lead	339.0	25
	Magnesium	210,000	35,000
	Manganese	20,200	300
	Nickel	800.0	100
	Selenium	21.5	10.0

Table 8
Former Hudson Wire Mill
Parameters Present In Groundwater Samples Exceeding NYS Standards or Guidance Values (TOGS 1.1.1)

Sampling Location	Parameter	Result (ppb)	NYS Groundwater Standard or Guidance Value (ppb)
	Sodium	38,800	20,000
<u>Alley</u>			
<u>SB-30</u>	2-Butanone (MEK)	57	50
	1,1-Dichloroethane	15	5
	1,1-Dichloroethene	14	5
	cis-1,2-Dichloroethene	22	5
	Tetrachloroethene	840	5
	1,1,1-Trichloroethane	91	5
	Trichloroethene	250	5
	Barium	1790	1000
	Cadmium	9.9	5
	Chromium	697	50
	Copper	4690	200
	Iron	276,000	300
	Lead	137	25
	Magnesium	92,600	35000
	Manganese	2,380	300
	Nickel	360	100
	Sodium	36,900	20000
<u>Wire Mill Parking Lot</u>			
<u>SB-31</u>			
	Chromium	135	50
	Copper	993	200
	Iron	107,000	300
	Lead	880	25
	Magnesium	42,400	35,000
	Manganese	3,290	300

Table 8
Former Hudson Wire Mill
Parameters Present in Groundwater Samples Exceeding NYS Standards or Guidance Values (TOGS 1.1.1)

Sampling Location	Parameter	Result (ppb)	NYS Groundwater Standard or Guidance Value (ppb)
	Mercury	2.2	0.7
	Nickel	144	100
	Sodium	116,000	20,000
	Tetrachloroethene	26	5
	Trichloroethene	10	5
SB-32			
	Barium	1,800	1,000
	Cadmium	6.8	5
	Chromium	243	50
	Copper	431	200
	Iron	169,000	300
	Lead	2,690	25
	Magnesium	57,800	35,000
	Manganese	4,610	300
	Mercury	17.5	0.7
	Nickel	173	100
	Silver	197	50
	Sodium	189,000	20,000
SB-33			
	Iron	40,300	300
	Lead	106	25
	Manganese	2,920	300
SUMP 2			
	Tetrachloroethene	7.7	5
	Chromium	97.5	50
	Copper	525	200
	Iron	26,800	300
	Lead	148	25
	Nickel	141	100
	Silver	312	50

Table 8
Former Hudson Wire Mill
Parameters Present in Groundwater Samples Exceeding NYS Standards or Guidance Values (TOGS 1.1.1)

Sampling Location	Parameter	Result (ppb)	NYS Groundwater Standard or Guidance Value (ppb)
	Sodium	181,000	20,000
<u>DRUM</u>			
	Acetone	220	50
	Barium	4,270	1000
	Beryllium	24.7	3
	Cadmium	35.1	5
	Chromium	747	50
	Copper	1,010	200
	Iron	992,000	300
	Lead	339	25
	Magnesium	210,000	35,000
	Manganese	20,200	300
	Nickel	800	100
	Selenium	21.5	10.0
	Sodium	38,800	20,000
	Thallium	10	0.5
<u>GW-1</u>			
	1,1-Dichloroethene	7.6	5
	cis-1,2-Dichloroethene	25	5
	Tetrachloroethene	440	5
	1,1,1-Trichloroethane	26	5
	1,1,2-Trichloroethane	9.4	1
	Trichloroethene	100	5
	Barium	6,220	1,000
	Chromium	1,360	50
	Copper	3,650	200
	Iron	811,000	300
	Lead	314	25
	Magnesium	227,000	35,000
	Manganese	8,460	300
	Nickel	1,020	100

Table 8
Former Hudson Wire Mill
Parameters Present in Groundwater Samples Exceeding NYS Standards or Guidance Values (TOGS 1.1.1)

Sampling Location	Parameter	Result (ppb)	NYS Groundwater Standard or Guidance Value (ppb)
	Sodium	58,500	20,000
	Zinc	10,000	2,000
<u>GW-2</u>			
	Tetrachloroethene	130	5
	1,1,1-Trichloroethane	7	5
	Trichloroethene	22	5
	Barium	6,360	1,000
	Chromium	3,800	50
	Copper	48,400	200
	Iron	837,000	300
	Lead	239	25
	Magnesium	220,000	35,000
	Manganese	4,810	300
	Nickel	876	100
	Sodium	69,800	20,000
	Zinc	7,160	2,000

Note: NYS Groundwater standards have been presented in this table, unless there is only a guidance value for the parameter.

Exhibits

**Exhibit 1 - Vapor Intrusion
Mitigation System Evaluation
- OBAR Systems, Inc.**



VAPOR INTRUSION MITIGATION **SYSTEM EVALUATION**

Site Address:

The Wire Mill, LLC
62 Water Street, Ossining, New York

Prepared for:

Mr. Robert Fedigan
The Wire Mill, LLC
62 Water Street
Ossining, New York 10562

Prepared by:

Mr. Daniel Nuzzetti
Project Engineer
OBAR Systems, Inc.
2969 Route 23
Newfoundland, NJ 07435

April 13, 2022

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3. Mitigation Concepts 3

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Drawings

SSD#1 – Existing System Map with Notes

1. Background

Obar Systems was contacted to provide a system evaluation of the existing mitigation systems located at 62 Water Street in Ossining, New York. In accordance with the Obar Systems proposal dated January 13, 2022, a system evaluation was completed on April 12, 2022.

2. General Building Information

This report and its appendices apply to the building located at 62 Water Street in Ossining, New York referred to as The Wire Mill, LLC. The building area of concern measures approximately 48,600 square feet and is primarily slab on grade with some basements. The building features 5 existing sub slab depressurization systems.

3. Mitigation Concepts

Volatile Organic Compounds (VOCs) located in the soil are drawn into the building by the negative pressure of the building relative to the surrounding soil. As a gas, the VOCs enter the structure through cracks and openings and can migrate through the concrete floor and walls. A common remedy to reverse the intrusion process is Sub Slab Depressurization (SSD), which is a system that depressurizes the soil under the slab. The concept is that by creating a vacuum beneath the slab, the soil gases will be drawn into the system where they can be discharged to a safe location.

4. Existing Mitigation Systems Evaluation

4.1 System Overview

The building area of concern is currently serviced by five sub slab depressurization systems; it is unknown when the systems were originally installed. System 1 is located in the slab on grade area currently occupied by a self-storage tenant (Building 8). The system features 5 suction points paired with two roof mounted inline fans installed in parallel. 1 permanent sub slab monitoring port is associated with this system. The permanent monitoring port was not functioning properly at the time of the inspection. A temporary hole (T-6) was drilled through the slab adjacent to the permanent port and a sub slab vacuum reading of -0.0725 inches of water column ("w.c.) was obtained.

System 2 primarily services a basement within Building 5 along with an adjacent slab on grade area. The system features one roof mounted inline fan. The vacuum gauge for this system is reading 0.5 "w.c. however the measured applied vacuum is 1.4 "w.c. System 3 is located in Building 6 and 13. It features 3 suction points paired with a roof mounted inline fan.

System 4 is located in Building 1 and 11. It features 4 suction points and one roof mounted inline fan. This system features 1 permanent sub slab sampling port measuring -0.0115 "w.c. System 5 features 3 suction points paired with a single roof mounted inline fan. The system services Building 14 and adjacent areas. The attached drawing shows the locations of all suction points, systems fans, and temporary sub slab test ports. The tables below list the performance metrics measured on the day of the inspection.

System #1 – Gauge reading 2.1	
Suction Point	Measured Vacuum ("w.c.)
SP 1-1	N/A
SP 1-2	-2.1
SP 1-3	-2.1
SP 1-4	-1.4
System #2- Gauge Reading 0.5	
Suction Point	Measured Vacuum ("w.c.)
SP 2-1	-1.4
SP 2-2	-1.4
SP 2-3	-1.4
SP 2-4	-1.4
SP 2-5	-1.4
System #3 – Gauge Reading N/A	
Suction Point	Measured Vacuum ("w.c.)
SP 3-1	-2.3
SP 3-2	N/A
SP 3-3	-2.2
System #4 – Gauge Reading 2.0	
Suction Point	Measured Vacuum ("w.c.)
SP 4-1	N/A
SP 4-2	-2.0
SP 4-3	-1.9
SP 4-4	-1.9
System #5 – Gauge Reading 2.2	
Suction Point	Measured Vacuum ("w.c.)
SP 5-1	-2.2
SP 5-2	-2.1
SP 5-3	-2.2

4.1. Pressure Field Extension Testing

In order to determine the sub slab vacuum induced by the existing sub slab depressurization systems, temporary test holes were installed in the slab. The locations of the test points are shown on the attached drawing. The table below shows the measured sub slab pressure differentials. All holes were sealed at the completion of the measurement.

Test Port	Measured Vacuum ("w.c.)
T-1	-0.0974
T-2	-0.3435
T-3	-0.0056
T-4	-0.2598
T-5	-0.0521
T-6	-0.0725
T-7	-0.3771

T-8	-0.7501
T-9	-0.8102
T-10	-0.7001
T-11	-0.0045
T-12	-1.4030
T-13	-0.1893
T-14	-0.4546
T-15	-0.5249
T-16	-2.2110
T-17	-2.4110
T-18	-0.0840
T-19	-0.1946
T-20	-0.2862
T-21	-0.0912
T-22	-0.0181
T-23	-0.2085
T-24	-0.2660
T-25	-0.0950
T-26	-0.2944
T-27	-0.1458
T-28	-0.3189
T-29	-0.0286
T-30	-1.6370
T-31	-0.7571

4.2. Evaluation Summary

All of the temporary sub slab test ports installed measured above the sub slab pressure differential requirement for a successful mitigation system (-0.004 inches of water column) in accessible areas. As a result, all of the systems are effectively depressurizing the areas of concern.

5. Corrective Actions

5.1. Minimally recommend

The monitoring port associated with system 1 is not functioning properly and should be replaced with a sub slab monitoring port adjacent to its current location. The gauge for system 2 is not functioning properly and should be replaced.

5.2. Optional recommendations

The following is a list of option recommendations:

- Installation of permanent sub slab monitoring ports for all systems.
 - o Recommended 2 per system
- Installation of either remote or local alarms to provide notifications of a system failure.

6. Photos



Gauge requiring replacement



Nonfunctioning sampling port



Roof mounted inline fan



Conveyance piping and valve

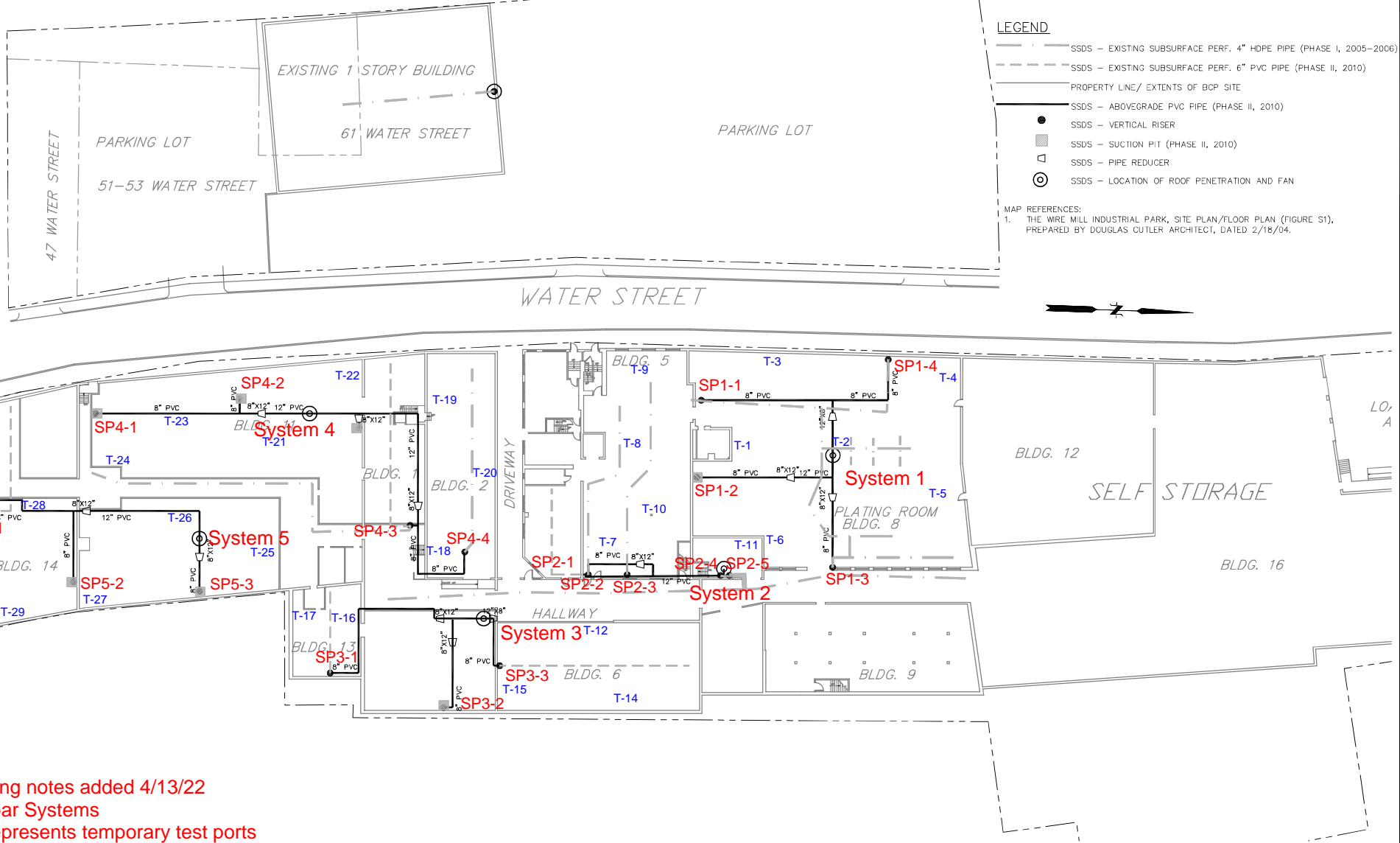
File Path: O:\DWG\2004\0181\Plan\20040181\ASB_N\SP10.dwg, Layout: SM17D-SSDS-ABOVE, Wed, Jan 26, 2011 - 11:26 AM, User: gbrown

CTB

LMAN

MIS VIEW

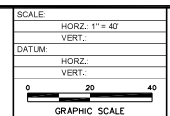
UCS



Drawing notes added 4/13/22
by Obar Systems
T-# represents temporary test ports

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FIG. 7D