

February 28, 2025

Mr. Jared Donaldson  
Division of Environmental Remediation  
New York State Department of Environmental Conservation  
625 Broadway  
Albany, New York 12233

**Subject: Interim Site Management Annual Report – 2024  
AL Tech Specialty Steel, Site 401003  
Earth, Environment, Engineering & Geology, P.C., Project No. 3616206100**

Dear Mr. Donaldson:

Earth Environment Engineering and Geology P.C., (EEEG), (formerly MACTEC Engineering & Geology, P.C. [MACTEC]) under contract to the New York State Department of Environmental Conservation (NYSDEC) is submitting this letter report describing the 2024 Interim Site Management (ISM) activities completed and observations documented at the AL Tech Specialty Steel Watervliet facility (Site) (NYSDEC Site 401003) located in Colonie, New York (NY) (**Figure 1**).

**Site Description and History**

The Site is designated as a Class 2 hazardous waste site (poses a significant threat to public health and the environment) and is comprised of the Waste Management Area (WMA), a closed Site landfill, and Main Plant Area (MPA), the former manufacturing portion of the Site (**Figure 1**). Areas of the MPA were remediated in accordance with Order on Consent R4-1467-93-02 dated August 4, 1995 (NYSDEC, 1995). The WMA was remediated in accordance with Order on Consent NYSDEC Index No. A4-0405-9911, which was executed on February 4, 2000 (NYSDEC, 2000).

Although the entire Site has not been fully remediated, several interim remedial measures (IRMs) have been completed which require ongoing monitoring and maintenance. Therefore, an Interim Site

Management Plan (ISMP) was prepared and subsequently approved by the NYSDEC describing the Site's ISM requirements (inspections and monitoring) (MACTEC E&C, 2016).

The Site, a former steel mill, is 99 acres in size and is located approximately five miles north of the center of the City of Albany, NY, near the intersection of 1<sup>st</sup> Street and Lincoln Avenue in Colonie. The MPA encompasses 68 acres and is bordered by Lincoln Avenue to the east, Spring Street Road to the north and west, and a cemetery to the west and south. The WMA is 31 acres in size and is located northwest of the MPA across Spring Street Road. The WMA is bordered by a residential development and undeveloped property belonging to the East Hills Homeowners Association to the north, Spring Street Road to the south, and a residential development to the west. A stream (Kromma Kill) flows along the northeast perimeter of the WMA, across the northern portion and the eastern perimeter of the MPA, before continuing off Site to the Hudson River, which is approximately 0.8 miles east of the Site. The Former Bearoff Metallurgical site (Bearoff) (NYSDEC Site 401069), a Class 2 hazardous waste site which contains steel manufacturing wastes similar to those at the Site, is located adjacent to the Site, south of the WMA and west-northwest of the MPA.

The Site is divided into five operable units (OUs):

- OU-01: MPA and non-landfill portions of the WMA
- OU-02: WMA Capped Landfill
- OU-03: On-site Structures (MPA)
- OU-04: Kromma Kill on the MPA and adjacent upland soils
- OU-05: Kromma Kill adjacent to the WMA, off Site to the Hudson River, and southern boundary stream

Descriptions of the OUs were presented in detail in the Record of Decision (ROD) issued for OU-01 and OU-04 in March 2019 (NYSDEC, 2019). Descriptions of OUs 01 through 5 are summarized in the paragraphs below. The location and boundaries of the OUs are presented on **Figure 2** and **Figure 3**.

OU-01 consists of Site soils at the 68-acre MPA and the 19-acre portion of the WMA surrounding the capped landfill (OU02). OU-01 soils at the MPA are impacted with metals, polychlorinated biphenyls (PCBs), and petroleum. Areas surrounding the landfill contain debris and fill similar to material placed in the capped landfill and are consistent with OU-01 material.

OU02 is comprised of the 12-acre capped landfill portion of the WMA that was closed in 2004 and is currently managed under the ISM program. A ROD prepared for OU-02 in March 2018 states that

remedial elements for OU-02 will include site management, operation, and maintenance of the landfill cap and supporting infrastructure (NYSDEC, 2018).

OU-03 consisted of the on-site structures at the MPA that contained hazardous building materials. The March 2018, ROD prepared for OU-03 summarized plans to remove and dispose of Galbestos (PCB and asbestos cladding building siding), asbestos- and PCB-containing building materials, and PCB-impacted soils adjacent to these buildings (NYSDEC, 2018). Implementation of the OU3 remedy was initiated in March 2021 and was completed in June 2023 (AECOM, 2023).

OU-04 comprises the Kromma Kill where it flows through the MPA and adjacent upland soils along the eastern boundary. This OU contains lead- and PCB-impacted sediments within the Kromma Kill, as well as lead-impacted soils adjacent to the Kromma Kill.

OU-05 comprises the Kromma Kill adjacent to the WMA, off Site to the Hudson River, and southern boundary stream. Sediment in this OU contains Site contaminants of concern including hexavalent chromium and PCBs. A remedial investigation (RI) for OU-05 was conducted in August 2019 with the final RI report in September 2020 (MACTEC, 2020). A feasibility study (FS) for OU-05 will be prepared after OU-01 and OU-04 remedial action is concluded. Remedial design for OU-01 and OU-04 is currently in progress.

### **2024 Scope of Work**

Work conducted at the Site from January to December 2024 (the reporting period) included activities at the MPA (OU-01) and WMA (OU02) which comply with the ISMP (MACTEC E&C, 2016).

These activities are summarized in **Table 1** and consisted of:

- Metals (excluding hexavalent chromium) were re-sampled at select WMA Long Term Monitoring (LTM) groundwater and surface water locations due to miscommunication with the analytical laboratory. The event was completed at the WMA in April and May 2024 (results discussed in the 2023 ISM Annual Report);
- the MPA LTM groundwater event was completed from May 20 to May 25, 2024; and
- the WMA annual inspection of closed landfill, leachate collection system (LCS) building, and Site Access Controls was completed on May 1, 2024.

Routine reports prepared and submitted for the Site in 2024 include:

- 2024 Annual Inspection Report. Submitted July 18, 2024 (EEEG, 2024a).
- 2023 Interim Site Management Annual Report. Submitted November 15, 2024 (EEEG, 2024b).
- 2024 Long Term Monitoring Report –Main Plant Area. Submitted November 1, 2024. (EEEG, 2024c).
- 2024 Long Term Monitoring Report – Waste Management Area. Submitted December 2024 (EEEG, 2024d).

### **Long Term Monitoring**

Since 2008, monitoring locations at the WMA have been sampled at 15-month intervals to evaluate current conditions and the effectiveness of remedial actions. Monitoring locations at the MPA have been sampled at a 15-month frequency since 2011. LTM sampling at the MPA was paused after the October 2016 event and resumed in May 2019 at the request of the NYSDEC project managers.

Groundwater resampling for the October 2023 WMA LTM occurred in April and May of 2024. The groundwater samples were recollected from 8 wells and analyzed for 6010c metals because of miscommunications with the analytical laboratory. The groundwater sampling was conducted in accordance with the quality assurance and health and safety specifications presented in the ISMP (MACTEC E&C, 2016). The April and May resampling activities and findings were documented in detail in the 2023 Long Term Monitoring Report – Waste Management Area (EEEG, 2024b) and therefore, not included in this report.

MPA LTM activities were conducted from May 20 to May 25, 2024. MPA LTM activities consisted of a monitoring well inspection, groundwater elevation monitoring, and groundwater sampling and analysis. The locations of the LTM monitoring points and their objectives are shown on **Figure 2** and well details listed in **Table 2**. A synoptic round of water level measurements were recorded prior to sampling, water level measurements are presented in **Table 3**. A monitoring well inspection was conducted during the collection of the synoptic water level measurements. Monitoring well conditions were recorded on the monitoring well inspection checklist, which is provided in **Attachment 1**. Correctable deficiencies were remedied by the field staff as necessary (e.g. tubing replacement, bolt replacement on flush mount covers, measurement point marking, and well labelling). Deficiencies that were unable to be remedied by the field staff (e.g. replacement of locking caps, rings, or NYSDEC keyed

Site locks) were noted and replacement materials will be procured for installation at the next planned Site visit.

Low flow groundwater sampling techniques were used for the collection of groundwater samples. Wells with historically low recharge rates were purged dry and allowed to recharge prior to sampling. Field Data Records (FDRs), which document sampling information such as total gallons purged, purge rate, depth to water, drawdown ratios, pump pressures used, and relevant notes and observations are presented in **Attachment 1**. The FDRs also document field measurements for pH, temperature, specific conductance, oxidation reduction potential, dissolved oxygen, and turbidity obtained during the pre-sample well purging. Samples were analyzed for one or more of the following parameters as per the sampling and analysis plan (**Table 2**):

- polychlorinated biphenyls (PCBs),
- total metals or dissolved metals,
- hexavalent chromium (Cr<sup>+6</sup>),
- volatile and semi-volatile organic compounds (VOCs and SVOCs),
- total petroleum hydrocarbons, and
- other inorganic compounds (ammonia, fluoride, nitrate, and sulfate).

Groundwater samples were analyzed by Eurofins Environment Testing, except for hexavalent chromium, which was analyzed separately by SGS Acutest. A chemistry review report was prepared by EEG for the four laboratory sample delivery groups and is provided as **Attachment 2**. Based on this review, the results were deemed usable (i.e., no sample results were qualified as rejected).

No evidence of contamination was identified in the purge water from monitoring wells. All purge water was released on Site to the ground surface in the vicinity of the well sampled.

**Monitoring Well Inspection.** Results of the well inspection found most of the Site wells intact and usable for the LTM objectives (**Attachment 1**). As part of the LTM inspection, some wells were observed to be damaged (e.g. missing bolts/caps, damaged risers, etc.), but not compromised (MW-4, MW-I704, PES-5, PES-7). Heaving or cracking of the concrete pad was observed at MW-3, MW-3B, MW-I704, MW-37, and MW-43. Missing caps were replaced, but repairs to the damaged wells or those with heaved pads are not required at this time. Wells with observed protective casing heave or settlement will be monitored during future LTM events to determine if repairs may be required.

**Groundwater Elevations.** Groundwater elevations for monitoring wells located at the MPA are shown on **Table 3**. In general, the water levels and the groundwater flow direction observed are consistent with previous years. Depth to groundwater ranged from 4.02 to 18.41 feet below ground surface at the MPA. Interpreted overburden and bedrock groundwater surface contours are presented on **Figures 3 and 4**, respectively. There is a LNAPL plume in the vicinity of MW-22. Due to this, groundwater levels in MW-22 have not been obtained by EEEG and MW-22 is not included in the overburden potentiometric surface map. The groundwater contours indicate that flow in the vicinity of the MPA is to the east-northeast, towards the Hudson River which is located approximately one mile to the east of the Site.

**Groundwater Sampling Results – May 2024.** The groundwater sampling results have been grouped by the following Site region being monitored and sample objectives as shown on **Figure 2**:

Area	Monitoring Locations
Background	MW-8B, MW-15, MW-17, MW-43
Chlorobenzene Area	DP-09, MW-27R
Extrusion Region	MW-3, MW-3B
Rolling Mill Region	MW-5, MW-5B, MW-6, MW-6B, MW-12, MW-18, MW-22, MW-G501, MW-I704, PES-7
Melt Shop Region	MW-11
Scrap Metal Storage Area Region	H-4D, H-4S, MW-1, MW-1B, MW-14, MW-24, MW-26, MW-26B, MW-32, MW-37, MW-39, MW-F401
Waste Acid Pit Area	MW-4, MW-4B, MW-19, MW-19B, PES-5

Analytical results for compounds detected in groundwater were compared to NYS Class GA water quality standards and guidance values (GA/GV) (NYS, 1999) and are provided in **Tables 4** (organic compounds) **and 5** (metals and inorganic compounds). Concentration time series plots for PCBs, dichlorobenzene, total chromium, and hexavalent chromium for a select number of monitoring locations are provided in **Attachment 3**.

Sampling results from this monitoring event are consistent with results from previous years, and include the following:

### Organics

- VOCs isopropylbenzene, propylbenzene, n-Butylbenzene, and sec-Butylbenzene were detected at concentrations exceeding the GA standards at MW-22 in the Rolling Mills Region. LNAPL was reported present in this well and the presence of LNAPL and the VOC detections and concentrations are generally consistent with historical sampling results.

Monitoring location MW-27R (a replacement well for MW-27) is located within the chlorobenzene Interim Remediation Measure (IRM) excavation area. Historically, VOCs (1,2,4-trichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, and chlorobenzene) were detected in groundwater sometimes at concentrations exceeding the GA standards (**Table 4**). Concentrations of 1,3-dichlorobenzene (11 µg/L) and 1,4-dichlorobenzene (12 µg/L) were detected above the Class GA standard of 3 µg/L in the previous sampling event (Feb. 2023) after being observed as non-detect or below 1 µg/L for the August 2020 event. As indicated by the time series plot, concentrations of dichlorobenzenes in this area have generally decreased over time since the 2013 IRM (**Attachment 3**) and were not detected in the groundwater in the May 2024 LTM sampling event. The concentration of VOCs in this area will be re-evaluated in the next scheduled sampling event for August 2025. As part of the final completion of the IRM, PVC risers and injection piping were left in place within the excavation area for future application of additional treatment oxidants, if necessary (MACTEC E&C, 2016). No other VOCs were reported at concentrations exceeding the GA standards from MPA samples collected.

- SVOCs were not detected in monitoring well samples at levels exceeding GA standards (**Table 4**).
- Hydrocarbons (diesel range organics) were detected at three monitoring wells within the Rolling Mill Area (MW-5, MW-6, and PES-7) and 2 locations in the Waste Acid Pit Area (MW-4 and PES-5.) The detection frequency and concentrations of these analytes are consistent with previous sampling events. Overall, the concentrations of diesel range organics have shown a decreasing trend since 2019 at MW-6 and PES-7. There is no Class GA standard for this analyte.

- PCBs were detected at concentrations exceeding GA standards at one on-site location (H-4S), located within the Scrap Metal Storage Area (SMSA) (**Table 4**). Groundwater samples for PCBs were collected as unfiltered samples.

As illustrated on the time series plots, the detections and concentrations of PCBs in groundwater in the SMSA are consistent with previous sampling events and were not detected in downgradient monitoring wells MW-37 and MW-39, indicating they are not migrating off Site (**Attachment 3**).

- LNAPL was observed in well MW-22 during the May 2024 sampling event, which is consistent with historical observations. MW-22 was part of the Site-wide well network monitored monthly by a NYSDEC subcontractor (Precision Environmental Services) for LNAPL (MACTEC, 2023); however, Precision Environmental Services did not come under contract to monitor LNAPL at the Site until December 2024. Therefore, this Annual Report only contains one month of LNAPL measurements for 2024. During the December 2024 monthly gauging event, LNAPL was not found in any of the gauged wells.

### **Metals and Inorganics**

- Metals including barium, total chromium, hexavalent chromium, molybdenum, manganese, nickel, and selenium, were detected in groundwater at concentrations exceeding Class GA standards (**Table 5**).
- Manganese was the most frequently detected analyte at concentrations exceeding the Class GA standards (24 out of 33 results). Many of the manganese concentrations (13 out of 24 results) that exceeded Class GA standards are consistent with overburden groundwater background levels in the region (65 to 1,670 µg/L) as reported by the United States Geologic Survey (USGS) (Nystrom, 2010, 2009 and 2008) and those collected near the Site (**Table 5**). The highest concentrations of manganese in groundwater (>3,500 µg/L) were typically observed along the eastern property boundary (MW-6, MW-18, PES-7, H-4D, MW-39, MW-4, and MW-19). Manganese exceedances were found to be less frequent and lower in concentration at other wells across the MPA. These trends suggest that the manganese exceedances along the eastern property boundary are potentially related to localized fill in these areas rather than past Site practices.

- Detections and concentrations of chromium and hexavalent chromium in groundwater in the SMSA are consistent with previous sampling events and were not detected in the downgradient off-site monitoring wells MW-37 and MW-39 (**Table 5**). These observations indicate that these Site-related contaminants within the SMSA are not migrating off Site.
- The monitoring wells located in the Waste Acid Pit Area and background wells (**Figure 2**) were analyzed for select inorganic constituents (ammonium, fluoride, sulfate). Fluoride was detected above the Class GA standard in each of the Waste Acid Pit Area Monitoring wells and sulfate was detected above the Class GA standards in upgradient bedrock well MW-8B (**Table 5**). Ammonia was not detected above the Class GA standard in any of the wells sampled for it.

The next MPA LTM groundwater sampling event will be conducted in August 2025.

### **MPA LNAPL Gauging and Removal Activities**

Groundwater elevations for monitoring wells located at the MPA are shown on Table 3. In general, the water levels and the groundwater flow direction observed are consistent with previous years. Depth to groundwater ranged from 4.02 (MW-15) to 18.41 (MW-8B) feet below ground surface in the overburden and shallow bedrock at the MPA. Interpreted overburden and bedrock groundwater surface contours are presented on Figures 3 and 4, respectively. Thirty-three wells at the MPA are gauged and monitored monthly by NYSDEC callout contractor Precision Environmental Services, Inc. (PES) LNAPL as per the ISMP (MACTEC E&C, 2016). Monthly LNAPL gauging locations are shown on Figure 7. Measurable LNAPL product is removed from the wells and containerized on-site during each monthly event for future disposal off-site to be coordinated by the NYSDEC callout contractor. Data for the monthly LNAPL gauging at the MPA for 2024 is included as Attachment 4.

### **Annual Site Inspection**

An inspection of the WMA landfill, LCS, and Site access control features (e.g., fences and gates) is completed annually to evaluate existing Site conditions and identify deficiencies that may require repairs. The 2024 annual inspection was completed May 1, 2024.

The inspection included an evaluation of the following:

- WMA Site Security, perimeter fencing
- WMA Landfill Cover System

- WMA Leachate Collection Building
- WMA Off-site Seepage Management
- WMA Site Drainage
- WMA Access Roads
- WMA Gas Vents

As part of routine maintenance, the landfill cap is mowed once a year. The landfill was not mowed prior to the inspection activities.

During the May 2024 inspection, the Site components listed above were found to be in satisfactory condition except for the deficiencies listed below. Completed inspection forms and inspection photographs for the landfill are included in **Attachment 5**.

The leachate collection system at the WMA was decommissioned in November 2020 (MACTEC, 2021). Photographs of decommissioned collection system components documenting the integrity of the manholes and changes in previously noted deficiencies at the leachate collection building are included in **Attachment 5**. Photograph locations associated with **Attachment 5** are depicted on **Figures 2 and 3**, respectively.

Inspection findings were observed to be consistent with previous events and are described in the following sections.

#### WMA Landfill Area Findings:

- Some leaning fencing remains on the east side of the landfill (**Attachment 5**, Photographs 6 and 7).
- Vegetation growth is noted in drainage swale along lower access road north of Leachate building (**Attachment 5**; Photograph 2).
- Areas of damaged fencing along Spring Street Road and near the front gate appears to be unchanged (**Attachment 1**; Photograph 24 and 25). The damage to the Spring Street Road entrance gate causes the southern gate to sag and limits operability of the rolling gate.
- Extent of exposed geotextile around the north drainage basin discharge pipe and at the southeastern portion of the landfill west of monitoring well WW-25B appears to be unchanged from the previous inspection (**Attachment 5**; Photograph 8 and 13). The grass was high

enough that the exposed geotextile in the southeastern portion of the landfill was not evident.

- Extent of minor tears in the black protective wrap on the southeastern gas vent appears to be unchanged (**Attachment 5**; Photograph 15).
- Minor rodent holes/burrows along north side of landfill near row of rip rap and minor rodent in bank near WW-26I/WW-26B well cluster. No apparent change from previous inspection. (**Attachment 5**; Photograph 11 and 21).
- Vegetative growth, including phragmites and woody debris, continues to infringe along the eastern fence line (above WW-25B, near MH-16) and along southern fence lines (**Attachment 5**; Photographs 17, 18, 19, 20, and 23).
- Extent of exposed gabion mats and potential minor erosion east of WW-17 at the head of the unnamed tributary appears to be unchanged since the last inspection. There appears to be a very slow rate of erosion and settlement of the head of the swale beneath the gabion mats. (**Attachment 5**; Photograph 1).
- Minor ruts in the access roads at the northern, southern, and western sides of the landfill were observed, however access is not impeded (**Attachment 5**; Photographs 3, 4, 5 and 22).
- Localized area of settlement/instability at north edge of landfill near WW-26I/26B has been filled and reinforced with gravel and rip rap (**Attachment 5**; Photograph 12). Results of repairs to the landfill cap due to unauthorized excavation by a trespasser appear to be unchanged, with a well-established grass cover (**Attachment 5**; Photograph 9).
- An area of flattened vegetation with a shallow surface depression is present in the landfill area beneath the perimeter fence near monitoring well WW-16. There is also a shallow wet swale near wells WW-16 and WW-16B and below MH-16 which appears to be due to slow seepage through joints in MH-16 (**Attachment 5**; Photographs 17 and 18).
- Downed trees that had damaged the western perimeter fence north of the western entrance to the landfill cap area have been partially removed since the last inspection (**Attachment 5**; Photograph 14).
- An assessment of the interior of the former leachate collection manholes showed that the water levels were approximately 1.5 to 2.0 feet below the top of concrete within the manholes.

#### Decommissioned Leachate Collection System:

- Damaged insulation observed around the southwestern building entrance door, on the western wall near the southwest building entrance, high on the southern wall, and in the top northwest corner have been present since the 2022 inspection (**Attachment 6**; Photographs 4, 5, 6, and

8). The area near the ceiling on the northern wall north of Tank #2 (easternmost tank) may have degraded some since the last inspection and daylight could be seen at the roof line (**Attachment 6**; Photograph 5).

- An area of standing water had been observed in previous inspections at the base of the northern portion of Tank #1 and the building floor. The source of the water is likely related to seepage from potential minor roof leaks previously observed over Tank #1. No water was present at the time of the May 2024 inspection.

The leachate collection system has been decommissioned, and during this inspection both tanks were observed to be empty.

The next landfill and LCS building inspection will be completed in Spring 2025. Monitoring and inspection of the MPA fence and gates will be completed in Spring 2025.

### **Conclusions and Recommendations**

- Based on activities conducted at the MPA in 2024, the following is concluded:
- Groundwater samples collected within the MPA areas contained inorganic compounds at concentrations exceeding applicable NYS WQS and guidelines.
- As reported in the MPA LTM report submitted to NYSDEC in November 2024 (EEEG, 2024b), results from the MPA LTM sampling event in May 2024 are generally consistent with historical results. Hexavalent chromium results were generally lower than typical or non-detect.
- The LCS, an engineering control at the WMA, was fully de-commissioned in November 2020 and decommissioning activities have been effective in stopping groundwater flow to the LCS. Other WMA and MPA engineering controls remain intact, unchanged, and are functioning as intended.
- Nothing has occurred that would constitute a violation or failure to comply with the operations and maintenance plan of the engineering controls.
- Access is available to the Site by NYSDEC and the New York State Department of Health to evaluate continued maintenance of the engineering controls.
- Site use is compliant with the ISMP.

Recommendations regarding ISM activities at the WMA and MPA include:

- Conduct repairs and/or maintenance as needed to fencing surrounding the landfill and WMA.
- Conduct repairs and/or maintenance as needed to fencing surrounding the MPA to address deficiencies identified in the 2024 Annual Site Inspection Report (EEEG, 2024a).
- Evaluate the MPA monitoring well network following the completion of OU-03 remedial activities.
- Continue MPA and WMA LTM sampling events at a 15-month frequency to monitor the effectiveness of remedial efforts and to evaluate trends in groundwater and (WMA) surface water quality.
- Continue annual inspections of the landfill, LCS building, and the MPA security fencing.

Recommendations regarding the LCS RSO and IRM for the unnamed tributary as presented in the final RSO Report (MACTEC 2020f) include:

- Continued inspection of the decommissioned LCS structures.
- Installation of check dams and siltation basins in the unnamed tributary behind the leachate collection building to prevent further erosion and migration of contaminated soils and sediments to the Kromma Kill.
- Remediate exposed wastes located on the banks of the unnamed tributary at the WMA prior to remediation of downstream stretches of the Kromma Kill in OU-04.

The ISMP is anticipated to be updated to reflect Site changes and recommendations since 2016 no later than 2026.

If you have questions or concerns, please feel free to contact us at (207) 775-5401.

Sincerely,

**Earth Environment Engineering and Geology, P.C.**

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Jean Firth, P.G.

Project, Program Manager

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Nathan Vogan, P.G.

Site Manager

Enclosures (19)

- Figure 1 Site Location Map
- Figure 2 OU-01 to OU-04 Extent
- Figure 3 OU-05 Kromma Kill Investigation Areas
- Figure 4 Waste Management Area Site Features and LTM Locations
- Figure 5 Main Plant Area – Overburden Interpreted Groundwater Contours May 2024
- Figure 6 Main Plant Area – Bedrock Interpreted Groundwater Contours May 2024
- Figure 7 Main Plant Area Site Features and Long Term Monitoring Locations

- Table 1 2024 Interim Site Management Activity Summary
- Table 2 Main Plant Area Sampling and Analysis Plan 2024
- Table 3 Main Plant Area LTM Water Level Measurements 2015-2024
- Table 4 Organic Constituents Detected in Groundwater- May 2024
- Table 5 Inorganic Constituents Detected in Groundwater- May 2024

- Attachment 1 Field Data Records
- Attachment 2 Chem Review
- Attachment 3 Main Plant Area Time Series Plots – Groundwater
- Attachment 4 2024 Main Plant Area LNAPL Gauging Field Data Records
- Attachment 5 Landfill Inspection Field Data Records
- Attachment 6 Leachate FDR

cc: File

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- Earth Environment Engineering and Geology P.C. (EEEG), 2024a. 2024 Annual Inspection Report, AL Tech Specialty Steel (Site No. 401003). July 28, 2022a.
- EEEG, 2024b. Interim Site Management Annual Report – 2023, AL Tech Specialty Steel, Site 401003. November 15, 2024.
- EEEG, 2024c. 2024 Long Term Monitoring Report –Main Plant Area, AL Tech Specialty Steel (NYSDEC Site 401003). December 2024.
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- NYSDEC, 2018. Record of Decision. Al Tech Specialty Steel, Operable Unit Number 02: Remedial Program- 12-acre Landfill and Supporting Infrastructure, Operable Unit Number 03: On-Site Structures, State Superfund Project, Watervliet, Albany County, Site No. 401003. March 2018.
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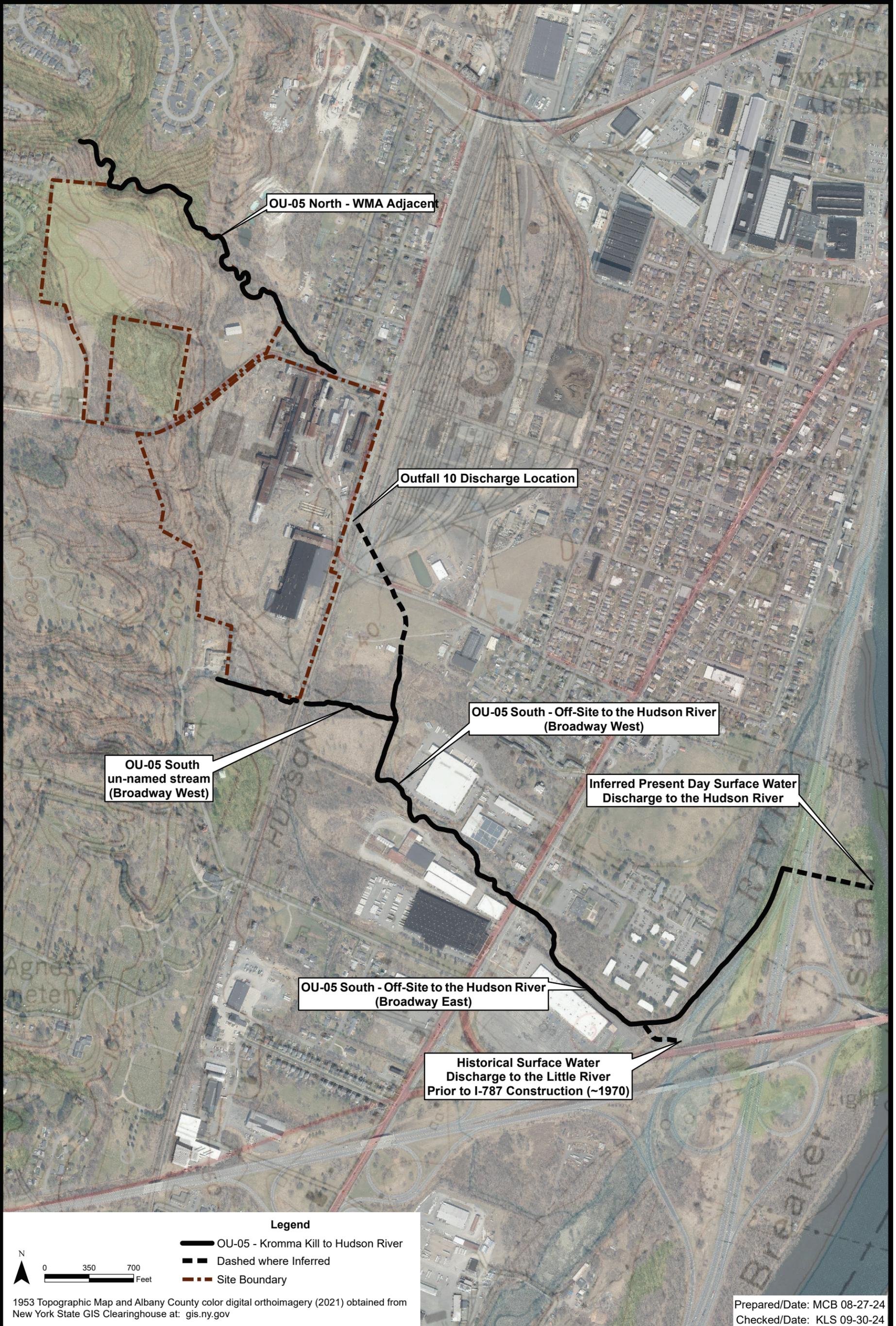
NYS, 1999. New York Codes, Rules, and Regulations, Title 6, Part 700-705 Water Quality Regulations Surface Water and Groundwater Classifications and Standards. Amended August 1999.

**FIGURES**





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**Legend**

- OU-05 - Kromma Kill to Hudson River
- - Dashed where Inferred
- - - Site Boundary

0 350 700 Feet

1953 Topographic Map and Albany County color digital orthoimagery (2021) obtained from New York State GIS Clearinghouse at: [gis.ny.gov](http://gis.ny.gov)

Prepared/Date: MCB 08-27-24  
Checked/Date: KLS 09-30-24

NYSDEC Site # 401003  
AL Tech Specialty Steel  
Colonie, New York

**EARTH ENVIRONMENT**  
Engineering and Geology P.C.

OU-05 Kromma Kill Investigation Areas  
Project 3616206100

Figure 3



Prepared/Date: MCB 08-28-24  
Checked/Date: KLS 08-29-24

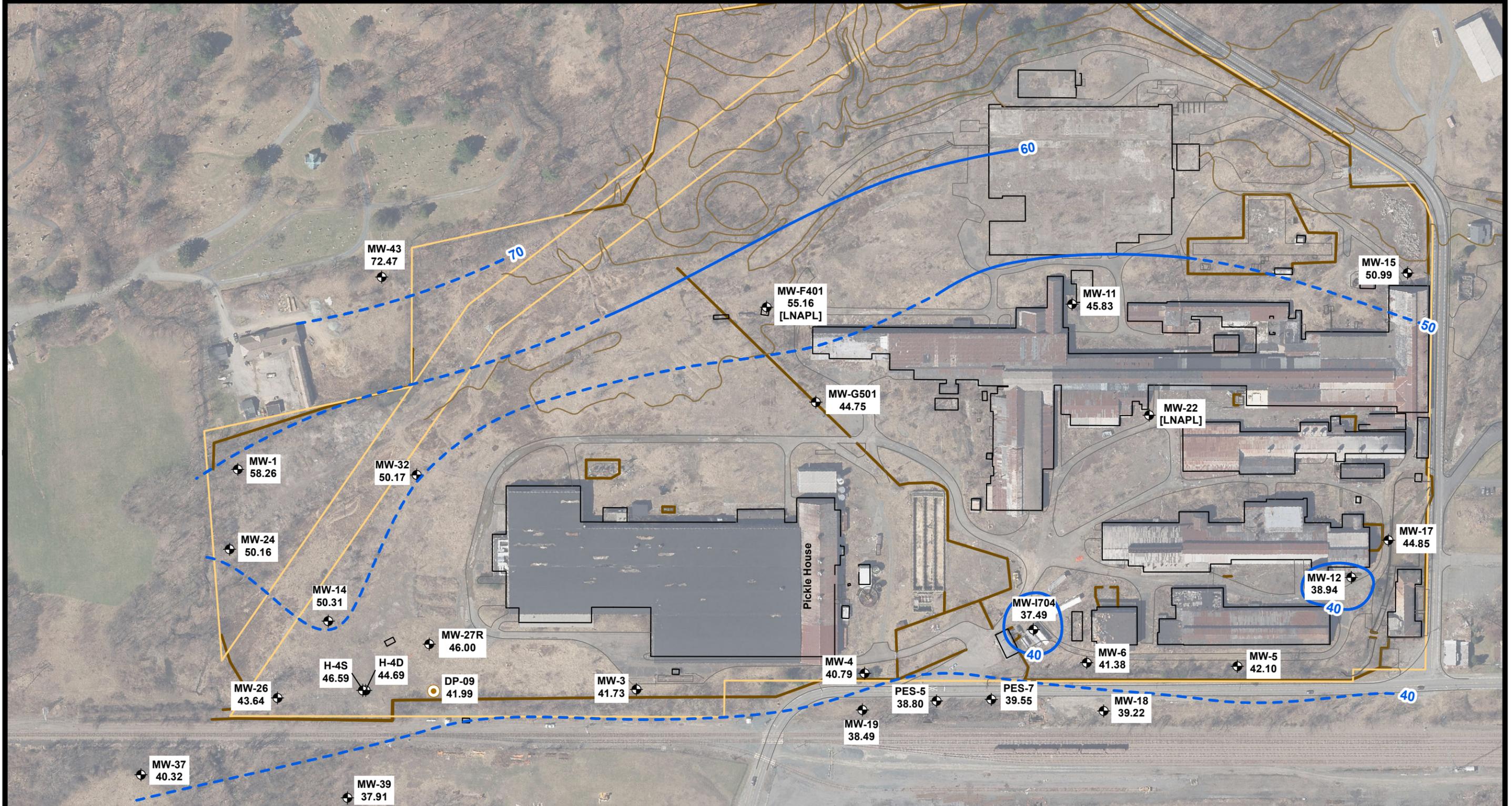


Albany County color digital orthoimagery (2021) obtained from New York State GIS Clearinghouse at: gis.ny.us

NYSDEC Site # 401003  
AL Tech Specialty Steel  
Colonie, New York

**EARTH ENVIRONMENT**  
Engineering and Geology P.C.

Waste Management Area  
Site Features and LTM Locations  
Project 3616206100  
Figure 4



**Legend**

- Geoprobe Well
- ◆ Monitoring Well
- ◆ Water Elevation Data from 05/2024
- 5.26** Elevation (feet above msl)
- Groundwater Elevation Contour (feet above msl)
- - - (Dashed where Inferred)
- Road
- Building
- 10 foot Contour
- Property/Right of Way
- Fence

Albany County color digital orthoimagery (2021) obtained from New York State GIS Clearinghouse at: <https://gis.ny.gov>

Prepared/Date: MCB 12-13-24  
Checked/Date: BPW 12-13-24

NYSDEC Site # 401003  
AL Tech Specialty Steel  
Colonie, New York

**EARTH ENVIRONMENT**  
Engineering and Geology P.C.

Main Plant Area - Overburden  
Interpreted Groundwater Contours May 2024  
Project 3616206100  
Figure 5



**Legend**

- Monitoring Well
- Water Elevation Data from 05/2024
- 55.10** Elevation (feet above msl)
- Groundwater Elevation Contour (feet above msl)
- (Dashed where Inferred)
- Road
- Building
- 10 foot Contour
- Property/Right of Way
- Fence

0 100 200 Feet

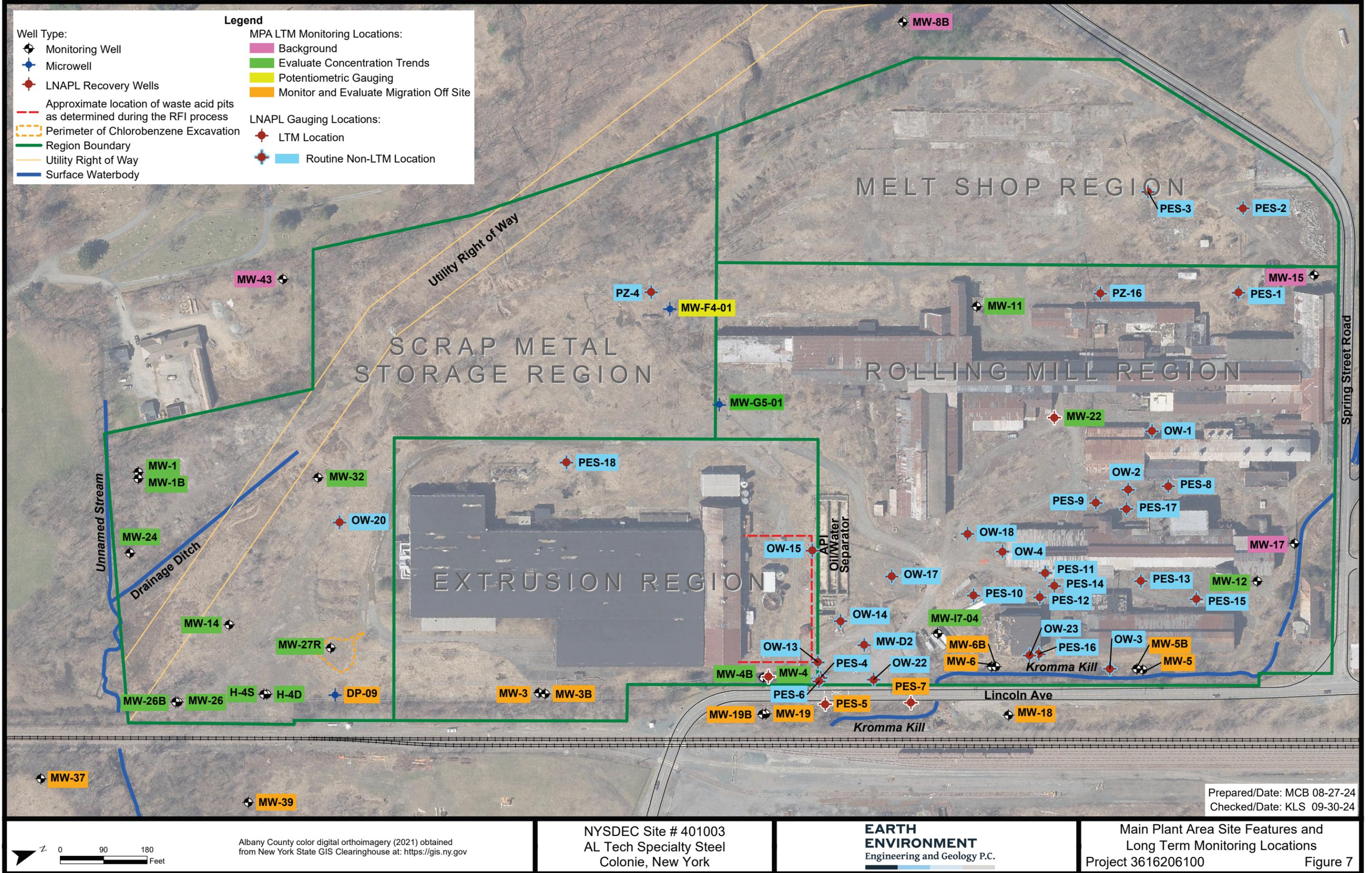
Albany County color digital orthoimagery (2021) obtained from New York State GIS Clearinghouse at: <https://gis.ny.gov>

NYSDEC Site # 401003  
 AL Tech Specialty Steel  
 Colonie, New York

**EARTH ENVIRONMENT**  
 Engineering and Geology P.C.

Prepared/Date: MCB 12-13-24  
 Checked/Date: BPW 12-13-24

Main Plant Area - Bedrock  
 Interpreted Groundwater Contours May 2024  
 Project 3616206100  
 Figure 6



**TABLES**

**Table 1: 2024 Interim Site Management Activity Summary**

AOC	Activity	Dates	Description
WMA	Long Term Monitoring (15-month frequency)	April and May 2024	Select locations from the October 2023 WMA LTM were resampled and analyzed for metals.
	Annual Inspection	May 1, 2024	Inspected the leachate building, storage tanks and landfill cap and security fences.
MPA	PCB/metals delineation	June 1, 2024	Complete hand auger and shallow soil sampling for PCBs metals to evaluate exposure.
	Long Term Monitoring (15-month frequency)	May 20 - May 24, 2024	Conducted long term monitoring at the MPA to evaluate trends of: 1) Site-related contaminants in groundwater, and 2) groundwater elevations and groundwater flow direction (Table 2).
	OU-03 Remedial Action Data Gap RI	2024	Collection of Hand Auger and Direct push soil sampling to define PCB hot spots for removal. Drilled Geotech borings along Road to support Kromma Kill soil removal.

**Notes:**  
 AOC= Area of Concern  
 MPA = Main Plant Area  
 WMA = Waste Management Area

**Table 2: Main Plant Area Sampling and Analysis Plan 2024**

Analysis		PCBs	Select Metals	Dissolved Select Metals	Cr+6	VOCs	SVOCs	TPH	Ammonia	Fluoride	Nitrate	Sulfate
EPA Method		8082	6010B/ 7470A	6010C-Mod	7199	8260B	8270C	8015	350.1	300	300	300
Sample Location	Sample ID		As, Ba, Ca, Cr, Cu Hg, Pb, Mo, Mn, Ni, Se									
<b>Background</b>												
MW-43	401003MW4309XX	X	X		X	X	X	X	X	X	X	X
MW-8B	401003MW08B38XX	X	X		X	X	X	X	X	X	X	X
MW-15	401003MW1507XX	X	X		X	X	X	X	X	X	X	X
MW-17	401003MW1707XX	X	X		X	X	X	X	X	X	X	X
<b>Scrap Metal Storage Area</b>												
MW-1	401003MW0120XX	X	X		X							
MW-1B	4010030MW1B32XX	X	X		X							
MW-24	4010030MW2413XX	X	X		X							
MW-32	4010030MW3209XX	X	X		X							
MW-14	401003MW1412XX	X	X		X							
MW-26	401003MW2610XX	X	X		X							
MW-26B	401003MW26B37XX	X	X		X							
H-4S	401003H4S10XX	X	X		X							
H-4D	401003H4D22XX	X	X		X							
MW-37	401003MW3714XX	X	X		X							
MW-39	401003MW3914XX	X	X		X							
<b>Chlorobenzene wells</b>												
MW-27R	401003MW27R12XX					X						
DP-09	401003DP0912XX					X						
<b>Extrusion Region</b>												
MW-3	401003MW0315XX	X	X									
MW-3B	401003MW03B45XX	X	X	X								
<b>Waste Acid Pit Area</b>												
MW-4	401003MW0413XX	X	X			X	X	X	X	X	X	X
MW-4B	401003MW04B46XX	X	X			X	X	X	X	X	X	X
MW-19	401003MW1918XX	X	X			X	X	X	X	X	X	X
MW-19B	401003MW19B38XX	X	X			X	X	X	X	X	X	X
PES-5	401003PES0512XX	X	X			X	X	X	X	X	X	X
<b>Melt Shop Region</b>												
MW-11	401003MW1111XX	X	X									
<b>Rolling Mill Region</b>												
MW-12	401003MW1211XX	X	X									
MW-F401	401003MWF40109XX											
MW-G501	401003MWG50111XX	X	X			NA	X					
MW-I704	401003MWI70413XX	X	X			X	X					
MW-22	401003MW2214XX	X	X			X	X					
MW-5	401003MW0513XX	X	X			X	X	X				
MW-5B	401003MW05B54XX	X	X	X		X	X	X				
MW-6	401003MW0612XX	X	X			X	X	X				
MW-6B	4010030MW06B59XX	X	X			X	X	X				
MW-18	4010030MW1813XX	X	X			X	X	X				
PES-7	401003PES0712XX	X	X			X	X	X				

**NOTES:**  
 VOCs = Volatile Organic Compounds  
 SVOCs = Semi-Volatile Organic Compounds  
 PCBs = Polychlorinated Biphenyls  
 TPH = Total Petroleum Hydrocarbons  
 X = Analysis scheduled  
 NA = Not analyzed

Rationale:  
 Background  
 Monitor and Evaluate Concentration Trends  
 Potentiometric Gauging Only  
 Monitor and Evaluate Migration Off Site

**Table 3: Main Plant Area Long Term Monitoring Water Level Measurements 2015 - 2024**

Well ID	Depth to BOW (ft TOR)	Dist. TOC to TOR	Measuring Point Elevation <sup>1</sup> TOC/TOR (ft msl)	July 2015 Depth to Water (ft TOR)	July 2015 Groundwater Elevation (ft msl)	October 2016 Depth to Water (ft TOR)	October 2016 Groundwater Elevation (ft msl)	May 2019 Depth to Water (ft TOR)	May 2019 Groundwater Elevation (ft msl)	August 2020 Depth to Water (ft TOR)	August 2020 Groundwater Elevation (ft msl)	February 2023 Depth to Water (ft TOR)	February 2023 Groundwater Elevation (ft msl)
MW-1	20.1	0.29	67.18	8.88	58.30	12.02	55.16	8.81	58.37	9.20	57.98	8.86	58.32
MW-1B	40.2	0.15	66.90	11.41	55.49	12.81	54.09	11.46	55.44	11.98	54.92	11.46	55.44
MW-3	21.8	0.16	54.64	13.37	41.27	15.72	38.92	13.23	41.41	13.58	41.06	13.17	41.47
MW-3B	52.3	0.19	54.31	14.58	39.73	16.61	37.70	14.52	39.79	14.86	39.45	14.00	40.31
MW-4	19.9	0.20	53.26	12.87	40.39	14.53	38.73	13.87	39.39	13.16	40.10	12.69	40.57
MW-4B	51.2	0.21	53.55	14.01	39.54	15.50	38.05	14.37	39.18	14.56	38.99	14.09	39.46
MW-5	20.9	0.22	51.35	9.70	41.65	9.81	41.54	9.38	41.97	9.71	41.64	9.08	42.27
MW-5B	61.8	0.08	51.25	10.76	40.49	11.85	39.40	10.84	40.41	10.74	40.51	10.22	41.03
MW-6	18.5	0.15	51.21	11.28	39.93	12.04	39.17	11.48	39.73	12.57	38.64	10.64	40.57
MW-6B	65.4	0.27	51.80	12.07	39.73	12.95	38.85	12.42	39.38	11.62	40.18	11.70	40.10
MW-8B	45.3	0.59	120.31	19.52	100.79	20.85	99.46	18.53	101.78	18.70	101.61	17.94	102.37
MW-11	16.0	0.55	53.45	8.38	45.07	10.28	43.17	8.07	45.38	8.66	44.79	7.64	45.81
MW-12	18.6	0.67	47.87	-	-	9.07	38.80	8.21	39.66	9.40	38.47	9.40	38.47
MW-14	16.6	0.52	56.93	5.44	51.49	12.17	44.76	5.89	51.04	6.95	49.98	5.59	51.34
MW-15	12.7	0.67	55.01	3.95	51.06	6.71	48.30	3.63	51.38	4.21	50.80	3.61	51.40
MW-17	14.0	0.17	49.45	4.30	45.15	5.18	44.27	4.92	44.53	5.03	44.42	4.78	44.67
MW-18	18.2	0.28	47.17	8.16	39.01	8.79	38.38	8.63	38.54	8.69	38.48	8.00	39.17
MW-19	24.4	0.82	48.03	9.65	38.38	10.93	37.10	10.08	37.95	10.19	37.84	9.81	38.22
MW-19B	44.8	0.17	48.16	9.40	38.76	10.78	37.38	9.86	38.30	10.01	38.15	9.74	38.42
MW-22	15.3	0.18	51.00	9.82	41.18	11.31	39.69	10.81	40.19	10.08	40.92	LNAPL	-
H-4S	17.1	0.19	55.27	8.07	47.20	15.24	40.03	8.06	47.21	9.09	46.18	8.44	46.83
H-4D	26.4	0.22	55.36	10.07	45.29	15.43	39.93	9.93	45.43	11.10	44.26	10.40	44.96
MW-24	21.6	0.12 AC	64.30	13.87	50.43	14.62	49.68	13.85	50.45	14.02	50.28	13.86	50.44
MW-26	17.9	0.00	53.22	8.31	44.91	11.81	41.41	8.32	44.90	9.88	43.34	8.31	44.91
MW-26B	44.3	0.03	53.44	9.52	43.92	12.22	41.22	9.00	44.44	9.85	43.59	9.04	44.40
MW-27R	19.5	0.25	53.77	7.74	46.03	10.01	43.76	7.51	46.26	8.10	45.67	7.99	45.78
MW-32	17.2	0.12	58.62	8.51	50.11	13.04	45.58	7.98	50.64	9.45	49.17	8.43	50.19
MW-37	22.0	0.60	46.95	7.24	39.71	10.04	36.91	5.28	41.67	6.80	40.15	6.13	40.82
MW-39	22.2	0.17	47.63	9.97	37.66	12.30	35.33	8.88	38.75	10.18	37.45	9.25	38.38
MW-43	13.9	0.87	78.60	6.85	71.75	9.98	68.62	4.88	73.72	7.67	70.93	5.03	73.57
MW-F401*	15.9	0.27	64.31	6.78	57.53	6.57	57.74	6.87	57.44	8.26	56.05	LNAPL	-
MW-G501	19.1	0.49	57.50	13.08	44.42	15.12	42.38	12.53	44.97	13.25	44.25	12.56	44.94
MW-I704	22.7	0.31	48.38	11.26	37.12	12.21	36.17	11.51	36.87	11.67	36.71	10.75	37.63
DP-09	17.3	0.12	51.56	6.90	44.66	12.44	39.12	9.18	42.38	9.72	41.84	9.38	42.18
PES-5	13.2	0.19	46.49	7.08	39.41	8.23	38.26	8.97	37.52	8.94	37.55	7.89	38.60
PES-7	13.9	0.21	46.47	7.24	39.23	6.01	40.46	7.98	38.49	8.05	38.42	7.33	39.14

<sup>1</sup> Elevations from "Year 5 Annual Monitoring Report" (RealCo Inc., 2005)  
 TOC = Top of Casing  
 TOR = Top of Riser  
 BOW = Bottom of Well  
 Dist. = Distance  
 ft msl = feet, mean sea level  
 LNAPL = Light Non-Aqueous Phase Liquid

Table 4: Organic Constituents Detected in Groundwater - May 2024

						BACKGROUND				CHLOROBENZENE AREA							
						MW-8B		MW-15		MW-17		MW-43		DP-09		MW-27R	
						5/21/2024		5/21/2024		5/21/2024		5/21/2024		5/22/2024		5/22/2024	
						401003MW08B38XX		401003MW1507XX		401003MW1707XX		401003MW4309XX		401003DP0912XX		401003MW27R12XX	
						FS		FS		FS		FS		FS		FS	
Method	Parameter	CasNo	GA	GV	Unit	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
<b>Volatile Organic Compounds (VOCs)</b>																	
SW8260C	Benzene	71-43-2	1	NS	µg/L	1 U		1 U		1 U		1 U		1 U		1 U	
SW8260C	Cyclohexane	110-82-7	NS	NS	µg/L	1 U		1 U		1 U		1 U		1 U		1 U	
SW8260C	Isopropylbenzene	98-82-8	5	NS	µg/L	1 U		1 U		1 U		1 U		1 U		1 U	
SW8260C	Methyl cyclohexane	108-87-2	NS	NS	µg/L	1 U		1 U		1 U		1 U		1 U		1 U	
SW8260C	n-Butylbenzene	104-51-8	5	NS	µg/L	1 U		1 U		1 U		1 U		1 U		1 U	
SW8260C	Propylbenzene	103-65-1	5	NS	µg/L	1 U		1 U		1 U		1 U		1 U		1 U	
SW8260C	sec-Butylbenzene	135-98-8	5	NS	µg/L	1 U		1 U		1 U		1 U		1 U		1 U	
SW8260C	tert-Butylbenzene	98-06-6	5	NS	µg/L	1 U		1 U		1 U		1 U		1 U		1 U	
SW8260C	Xylenes, Total	1330-20-7	5	NS	µg/L	2 U		2 U		2 U		2 U		2 U		2 U	
<b>Semi-Volatile Organic Compounds (SVOCs)</b>																	
SW8270D	2-Methylnaphthalene	91-57-6	NS	NS	µg/L	5 U		5 U		5 U		5 U					
SW8270D	Acenaphthene	83-32-9	NS	20	µg/L	5 U		5 U		5 U		5 U					
SW8270D	Acenaphthylene	208-96-8	NS	NS	µg/L	5 U		5 U		5 U		5 U					
SW8270D	Anthracene	120-12-7	NS	50	µg/L	5 U		5 U		5 U		5 U					
SW8270D	Caprolactam	105-60-2	NS	NS	µg/L	5 UJ		2.3 J-		5 UJ		2.4 J-					
SW8270D	Carbazole	86-74-8	NS	NS	µg/L	5 U		5 U		5 U		5 U					
SW8270D	Diethylphthalate	84-66-2	NS	50	µg/L	5 U		5 U		5 U		4.2 J					
SW8270D	Fluorene	86-73-7	NS	50	µg/L	5 U		5 U		5 U		5 U					
SW8270D	N-Nitrosodiphenylamine	86-30-6	NS	50	µg/L	5 U		5 U		5 U		5 U					
SW8270D	Naphthalene	91-20-3	NS	10	µg/L	5 U		5 U		5 U		5 U					
SW8270D	Phenanthrene	85-01-8	NS	50	µg/L	5 U		5 U		5 U		5 U					
<b>Polychlorinated Biphenyls (PCBs)</b>																	
SW8082A	Aroclor-1254	11097-69-1	0.09	NS	µg/L	0.057 U		0.063 U		0.059 U		0.057 U					
SW8082A	Aroclor-1260	11096-82-5	0.09	NS	µg/L	0.057 U		0.063 U		0.059 U		0.057 U					
SW8082A	Total PCBs	1336-36-3	0.09	NS	µg/L	0.057 U		0.063 U		0.059 U		0.057 U					
<b>Hydrocarbons</b>																	
SW8015D	Diesel Range Organics	HLA0026	NS	NS	µg/L	500 U		500 U		500 U		500 U					

**Note:**

- µg/L = micrograms per liter
- GA = NY State Class GA Water Quality Standard
- GV = Guidance Value
- NS = no standard/guidance
- Shaded result = exceeds GA or GV criteria
- U = not detected
- J = result is estimated
- UJ = target analyte is not detected, result value is estimated
- blank cells = not analyzed
- FS = Field Sample

Table 4: Organic Constituents Detected in Groundwater - May 2024

						EXTRUSION REGION				ROLLING MILL REGION							
						MW-3		MW-3B		MW-5		MW-5B		MW-6		MW-6B	
						5/23/2024		5/23/2024		5/23/2024		5/23/2024		5/23/2024		5/22/2024	
						401003MW0315XX		401003MW3B45XX		401003MW0513XX		401003MW05B54XX		401003MW0612XX		401003MW06B59XX	
						FS		FS		FS		FS		FS		FS	
Method	Parameter	CasNo	GA	GV	Unit	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
<b>Volatile Organic Compounds (VOCs)</b>																	
SW8260C	Benzene	71-43-2	1	NS	µg/L					1 U		1 U		4 U		1 U	
SW8260C	Cyclohexane	110-82-7	NS	NS	µg/L					1 U		1 U		2.8 J		1 U	
SW8260C	Isopropylbenzene	98-82-8	5	NS	µg/L					1 U		1 U		3.6 J		1 U	
SW8260C	Methyl cyclohexane	108-87-2	NS	NS	µg/L					1 U		1 U		5.1		1 U	
SW8260C	n-Butylbenzene	104-51-8	5	NS	µg/L					1 U		1 U		4 U		1 U	
SW8260C	Propylbenzene	103-65-1	5	NS	µg/L					1 U		1 U		4 U		1 U	
SW8260C	sec-Butylbenzene	135-98-8	5	NS	µg/L					1 U		1 U		4 U		1 U	
SW8260C	tert-Butylbenzene	98-06-6	5	NS	µg/L					1 U		1 U		4 U		1 U	
SW8260C	Xylenes, Total	1330-20-7	5	NS	µg/L					2 U		2 U		8 U		2 U	
<b>Semi-Volatile Organic Compounds (SVOCs)</b>																	
SW8270D	2-Methylnaphthalene	91-57-6	NS	NS	µg/L					5 U		5 U		5 UJ		5 UJ	
SW8270D	Acenaphthene	83-32-9	NS	20	µg/L					5 U		5 U		0.72 J-		5 UJ	
SW8270D	Acenaphthylene	208-96-8	NS	NS	µg/L					5 U		5 U		5 UJ		5 UJ	
SW8270D	Anthracene	120-12-7	NS	50	µg/L					5 U		5 U		5 UJ		5 UJ	
SW8270D	Caprolactam	105-60-2	NS	NS	µg/L					5 UJ		5 UJ		5 UJ		5 UJ	
SW8270D	Carbazole	86-74-8	NS	NS	µg/L					5 U		5 U		5 UJ		5 UJ	
SW8270D	Diethylphthalate	84-66-2	NS	50	µg/L					5 U		5 U		5 UJ		5 UJ	
SW8270D	Fluorene	86-73-7	NS	50	µg/L					5 U		5 U		5 UJ		5 UJ	
SW8270D	N-Nitrosodiphenylamine	86-30-6	NS	50	µg/L					5 U		5 U		5 UJ		5 UJ	
SW8270D	Naphthalene	91-20-3	NS	10	µg/L					5 U		5 U		5 UJ		5 UJ	
SW8270D	Phenanthrene	85-01-8	NS	50	µg/L					5 U		5 U		5 UJ		5 UJ	
<b>Polychlorinated Biphenyls (PCBs)</b>																	
SW8082A	Aroclor-1254	11097-69-1	0.09	NS	µg/L	0.057 U		0.06 U		0.057 U		0.057 U		0.057 U		0.057 U	
SW8082A	Aroclor-1260	11096-82-5	0.09	NS	µg/L	0.057 U		0.06 U		0.057 U		0.057 U		0.057 U		0.057 U	
SW8082A	Total PCBs	1336-36-3	0.09	NS	µg/L	0.057 U		0.06 U		0.057 U		0.057 U		0.057 U		0.057 U	
<b>Hydrocarbons</b>																	
SW8015D	Diesel Range Organics	HLA0026	NS	NS	µg/L					310 J		500 U		1100		500 U	

**Note:**

- µg/L = micrograms per liter
- GA = NY State Class GA Water Quality Standard
- GV = Guidance Value
- NS = no standard/guidance
- Shaded result = exceeds GA or GV criteria
- U = not detected
- J = result is estimated
- UJ = target analyte is not detected, result value is estimated
- blank cells = not analyzed
- FS = Field Sample

Table 4: Organic Constituents Detected in Groundwater - May 2024

						ROLLING MILL REGION											
						MW-12		MW-18		MW-22		MW-G501		MW-I704		PES-7	
						5/22/2024		5/22/2024		5/23/2024		5/23/2024		5/22/2024		5/22/2024	
						401003MW1211XX		401003MW1813XX		401003MW2214XX		401003MWG50111XX		401003MWI70413XX		401003PES0712XX	
						FS		FS		FS		FS		FS		FS	
Method	Parameter	CasNo	GA	GV	Unit	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
<b>Volatile Organic Compounds (VOCs)</b>																	
SW8260C	Benzene	71-43-2	1	NS	µg/L			1 U		0.81 J				4 U		2 U	
SW8260C	Cyclohexane	110-82-7	NS	NS	µg/L			1 U		7.3				4 U		2 U	
SW8260C	Isopropylbenzene	98-82-8	5	NS	µg/L			1 U		19				4 U		2 U	
SW8260C	Methyl cyclohexane	108-87-2	NS	NS	µg/L			1 U		7.8				4 U		2 U	
SW8260C	n-Butylbenzene	104-51-8	5	NS	µg/L			1 U		5.1				4 U		2 U	
SW8260C	Propylbenzene	103-65-1	5	NS	µg/L			1 U		23				4 U		2 U	
SW8260C	sec-Butylbenzene	135-98-8	5	NS	µg/L			1 U		6.6				4 U		2 U	
SW8260C	tert-Butylbenzene	98-06-6	5	NS	µg/L			1 U		0.99 J				4 U		2 U	
SW8260C	Xylenes, Total	1330-20-7	5	NS	µg/L			2 U		0.81 J				8 U		4 U	
<b>Semi-Volatile Organic Compounds (SVOCs)</b>																	
SW8270D	2-Methylnaphthalene	91-57-6	NS	NS	µg/L			5 UJ		27 J-		5 U		5 UJ		5 UJ	
SW8270D	Acenaphthene	83-32-9	NS	20	µg/L			5 UJ		6.1 J-		0.84 J		5 UJ		5 UJ	
SW8270D	Acenaphthylene	208-96-8	NS	NS	µg/L			5 UJ		0.87 J-		5 U		5 UJ		5 UJ	
SW8270D	Anthracene	120-12-7	NS	50	µg/L			5 UJ		0.64 J-		5 U		5 UJ		5 UJ	
SW8270D	Caprolactam	105-60-2	NS	NS	µg/L			5 UJ		5 UJ		5 UJ		3.3 J-		5 UJ	
SW8270D	Carbazole	86-74-8	NS	NS	µg/L			5 UJ		1.2 J-		5 U		5 UJ		5 UJ	
SW8270D	Diethylphthalate	84-66-2	NS	50	µg/L			5 UJ		5 UJ		5 U		5 UJ		5 UJ	
SW8270D	Fluorene	86-73-7	NS	50	µg/L			5 UJ		5.1 J-		5 U		5 UJ		5 UJ	
SW8270D	N-Nitrosodiphenylamine	86-30-6	NS	50	µg/L			5 UJ		5 UJ		5 U		5 UJ		5 UJ	
SW8270D	Naphthalene	91-20-3	NS	10	µg/L			5 UJ		0.89 J-		5 U		5 UJ		5 UJ	
SW8270D	Phenanthrene	85-01-8	NS	50	µg/L			5 UJ		6.7 J-		5 U		5 UJ		5 UJ	
<b>Polychlorinated Biphenyls (PCBs)</b>																	
SW8082A	Aroclor-1254	11097-69-1	0.09	NS	µg/L	0.057 U		0.057 U		0.057 U		0.057 U		0.057 U		0.062 U	
SW8082A	Aroclor-1260	11096-82-5	0.09	NS	µg/L	0.057 U		0.057 U		0.057 U		0.057 U		0.057 U		0.062 U	
SW8082A	Total PCBs	1336-36-3	0.09	NS	µg/L	0.057 U		0.057 U		0.057 U		0.057 U		0.057 U		0.062 U	
<b>Hydrocarbons</b>																	
SW8015D	Diesel Range Organics	HLA0026	NS	NS	µg/L			500 U								740	

**Note:**

- µg/L = micrograms per liter
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- NS = no standard/guidance
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- U = not detected
- J = result is estimated
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- blank cells = not analyzed
- FS = Field Sample

Table 4: Organic Constituents Detected in Groundwater - May 2024

						MELT SHOP		SCRAP METAL STORAGE AREA REGION									
						MW-11		H-4D		H-4S		MW-1		MW-1B		MW-14	
						5/22/2024		5/21/2024		5/21/2024		5/22/2024		5/22/2024		5/22/2024	
						401003MW1111XX		401003H4D22XX		401003H4S10XX		401003MW0120XX		401003MW1B32XX		401003MW1412XX	
						FS		FS		FS		FS		FS		FS	
Method	Parameter	CasNo	GA	GV	Unit	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
<b>Volatile Organic Compounds (VOCs)</b>																	
SW8260C	Benzene	71-43-2	1	NS	µg/L												
SW8260C	Cyclohexane	110-82-7	NS	NS	µg/L												
SW8260C	Isopropylbenzene	98-82-8	5	NS	µg/L												
SW8260C	Methyl cyclohexane	108-87-2	NS	NS	µg/L												
SW8260C	n-Butylbenzene	104-51-8	5	NS	µg/L												
SW8260C	Propylbenzene	103-65-1	5	NS	µg/L												
SW8260C	sec-Butylbenzene	135-98-8	5	NS	µg/L												
SW8260C	tert-Butylbenzene	98-06-6	5	NS	µg/L												
SW8260C	Xylenes, Total	1330-20-7	5	NS	µg/L												
<b>Semi-Volatile Organic Compounds (SVOCs)</b>																	
SW8270D	2-Methylnaphthalene	91-57-6	NS	NS	µg/L												
SW8270D	Acenaphthene	83-32-9	NS	20	µg/L												
SW8270D	Acenaphthylene	208-96-8	NS	NS	µg/L												
SW8270D	Anthracene	120-12-7	NS	50	µg/L												
SW8270D	Caprolactam	105-60-2	NS	NS	µg/L												
SW8270D	Carbazole	86-74-8	NS	NS	µg/L												
SW8270D	Diethylphthalate	84-66-2	NS	50	µg/L												
SW8270D	Fluorene	86-73-7	NS	50	µg/L												
SW8270D	N-Nitrosodiphenylamine	86-30-6	NS	50	µg/L												
SW8270D	Naphthalene	91-20-3	NS	10	µg/L												
SW8270D	Phenanthrene	85-01-8	NS	50	µg/L												
<b>Polychlorinated Biphenyls (PCBs)</b>																	
SW8082A	Aroclor-1254	11097-69-1	0.09	NS	µg/L	0.057 U		0.057 U		0.057 U		0.062 U		0.057 U		0.081	
SW8082A	Aroclor-1260	11096-82-5	0.09	NS	µg/L	0.057 U		0.057 U		0.49		0.062 U		0.057 U		0.057 U	
SW8082A	Total PCBs	1336-36-3	0.09	NS	µg/L	0.057 U		0.057 U		0.49		0.062 U		0.057 U		0.081	
<b>Hydrocarbons</b>																	
SW8015D	Diesel Range Organics	HLA0026	NS	NS	µg/L												

**Note:**

- µg/L = micrograms per liter
- GA = NY State Class GA Water Quality Standard
- GV = Guidance Value
- NS = no standard/guidance
- Shaded result = exceeds GA or GV criteria
- U = not detected
- J = result is estimated
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- blank cells = not analyzed
- FS = Field Sample

Table 4: Organic Constituents Detected in Groundwater - May 2024

SCRAP METAL STORAGE AREA REGION																	
		Location				MW-24		MW-26		MW-26B		MW-32		MW-37		MW-39	
		Field Sample Date				5/21/2024		5/21/2024		5/21/2024		5/22/2024		5/21/2024		5/21/2024	
		Field Sample ID				401003MW2413XX		401003MW2610XX		401003MW26B32XX		401003MW3209XX		401003MW3714XX		401003MW3914XX	
		Qc Code				FS		FS		FS		FS		FS		FS	
Method	Parameter	CasNo	GA	GV	Unit	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
<b>Volatile Organic Compounds (VOCs)</b>																	
SW8260C	Benzene	71-43-2	1	NS	µg/L												
SW8260C	Cyclohexane	110-82-7	NS	NS	µg/L												
SW8260C	Isopropylbenzene	98-82-8	5	NS	µg/L												
SW8260C	Methyl cyclohexane	108-87-2	NS	NS	µg/L												
SW8260C	n-Butylbenzene	104-51-8	5	NS	µg/L												
SW8260C	Propylbenzene	103-65-1	5	NS	µg/L												
SW8260C	sec-Butylbenzene	135-98-8	5	NS	µg/L												
SW8260C	tert-Butylbenzene	98-06-6	5	NS	µg/L												
SW8260C	Xylenes, Total	1330-20-7	5	NS	µg/L												
<b>Semi-Volatile Organic Compounds (SVOCs)</b>																	
SW8270D	2-Methylnaphthalene	91-57-6	NS	NS	µg/L												
SW8270D	Acenaphthene	83-32-9	NS	20	µg/L												
SW8270D	Acenaphthylene	208-96-8	NS	NS	µg/L												
SW8270D	Anthracene	120-12-7	NS	50	µg/L												
SW8270D	Caprolactam	105-60-2	NS	NS	µg/L												
SW8270D	Carbazole	86-74-8	NS	NS	µg/L												
SW8270D	Diethylphthalate	84-66-2	NS	50	µg/L												
SW8270D	Fluorene	86-73-7	NS	50	µg/L												
SW8270D	N-Nitrosodiphenylamine	86-30-6	NS	50	µg/L												
SW8270D	Naphthalene	91-20-3	NS	10	µg/L												
SW8270D	Phenanthrene	85-01-8	NS	50	µg/L												
<b>Polychlorinated Biphenyls (PCBs)</b>																	
SW8082A	Aroclor-1254	11097-69-1	0.09	NS	µg/L	0.061 U		0.057 U		0.057 U		<b>0.039 J</b>		0.057 U		0.057 U	
SW8082A	Aroclor-1260	11096-82-5	0.09	NS	µg/L	0.061 U		0.057 U		0.057 U		0.057 U		0.057 U		0.057 U	
SW8082A	Total PCBs	1336-36-3	0.09	NS	µg/L	0.061 U		0.057 U		0.057 U		<b>0.039 J</b>		0.057 U		0.057 U	
<b>Hydrocarbons</b>																	
SW8015D	Diesel Range Organics	HLA0026	NS	NS	µg/L												

**Note:**

µg/L = micrograms per liter

GA = NY State Class GA Water Quality Standard

GV = Guidance Value

NS = no standard/guidance

Shaded result = exceeds GA or GV criteria

U = not detected

J = result is estimated

UJ = target analyte is not detected, result value is estimated

blank cells = not analyzed

FS = Field Sample

Table 4: Organic Constituents Detected in Groundwater - May 2024

WASTE ACID PIT AREA															
		Location				MW-4		MW-4B		MW-19		MW-19B		PES-5	
		Field Sample Date				5/22/2024		5/22/2024		5/23/2024		5/23/2024		5/22/2024	
		Field Sample ID				401003MW0413XX		401003MW04B46XX		401003MW1918XX		401003MW19B38XX		401003PES0512XX	
		Qc Code				FS		FS		FS		FS		FS	
Method	Parameter	CasNo	GA	GV	Unit	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
<b>Volatile Organic Compounds (VOCs)</b>															
SW8260C	Benzene	71-43-2	1	NS	µg/L	2 U		1 U		1 U		1 U		1 U	
SW8260C	Cyclohexane	110-82-7	NS	NS	µg/L	2 U		1 U		1 U		1 U		1 U	
SW8260C	Isopropylbenzene	98-82-8	5	NS	µg/L	2 U		1 U		1 U		1 U		1 U	
SW8260C	Methyl cyclohexane	108-87-2	NS	NS	µg/L	2 U		1 U		1 U		1 U		1 U	
SW8260C	n-Butylbenzene	104-51-8	5	NS	µg/L	2 U		1 U		1 U		1 U		1 U	
SW8260C	Propylbenzene	103-65-1	5	NS	µg/L	2 U		1 U		1 U		1 U		1 U	
SW8260C	sec-Butylbenzene	135-98-8	5	NS	µg/L	2 U		1 U		1 U		1 U		1 U	
SW8260C	tert-Butylbenzene	98-06-6	5	NS	µg/L	2 U		1 U		1 U		1 U		1 U	
SW8260C	Xylenes, Total	1330-20-7	5	NS	µg/L	4 U		2 U		2 U		2 U		2 U	
<b>Semi-Volatile Organic Compounds (SVOCs)</b>															
SW8270D	2-Methylnaphthalene	91-57-6	NS	NS	µg/L	5 UJ		5 U		5 U		5 UJ		5 UJ	
SW8270D	Acenaphthene	83-32-9	NS	20	µg/L	6.3 J-		5.4		5 U		5 UJ		5 UJ	
SW8270D	Acenaphthylene	208-96-8	NS	NS	µg/L	5 UJ		5 U		5 U		5 UJ		5 UJ	
SW8270D	Anthracene	120-12-7	NS	50	µg/L	5 UJ		5 U		5 U		5 UJ		5 UJ	
SW8270D	Caprolactam	105-60-2	NS	NS	µg/L	5 UJ		5 UJ		3.5 J-		5 UJ		5 UJ	
SW8270D	Carbazole	86-74-8	NS	NS	µg/L	5 UJ		5 U		5 U		5 UJ		5 UJ	
SW8270D	Diethylphthalate	84-66-2	NS	50	µg/L	5 UJ		5 U		5 U		5 UJ		5 UJ	
SW8270D	Fluorene	86-73-7	NS	50	µg/L	7.9 J-		5 U		5 U		5 UJ		5 UJ	
SW8270D	N-Nitrosodiphenylamine	86-30-6	NS	50	µg/L	7.9 J-		5 U		5 U		5 UJ		5 UJ	
SW8270D	Naphthalene	91-20-3	NS	10	µg/L	5 UJ		5 U		5 U		5 UJ		5 UJ	
SW8270D	Phenanthrene	85-01-8	NS	50	µg/L	5 UJ		5 U		5 U		5 UJ		5 UJ	
<b>Polychlorinated Biphenyls (PCBs)</b>															
SW8082A	Aroclor-1254	11097-69-1	0.09	NS	µg/L	0.057 U		0.057 U		0.057 U		0.057 U		0.057 U	
SW8082A	Aroclor-1260	11096-82-5	0.09	NS	µg/L	0.057 U		0.057 U		0.057 U		0.057 U		0.057 U	
SW8082A	Total PCBs	1336-36-3	0.09	NS	µg/L	0.057 U		0.057 U		0.057 U		0.057 U		0.057 U	
<b>Hydrocarbons</b>															
SW8015D	Diesel Range Organics	HLA0026	NS	NS	µg/L	410 J		500 U		500 U		500 U		330 J	

**Note:**

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**Table 5: Inorganic Constituents Detected in Groundwater - May 2024**

					BACKGROUND				CHLOROBENZENE AREA							
		Location			MW-8B		MW-15		MW-17		MW-43		DP-09		MW-27R	
		Field Sample Date			5/21/2024		5/21/2024		5/21/2024		5/21/2024		5/22/2024		5/22/2024	
		Field Sample ID			401003MW08B38XX		401003MW1507XX		401003MW1707XX		401003MW4309XX		401003DP0912XX		401003MW27R12XX	
		Qc Code			FS		FS		FS		FS		FS		FS	
Method	Parameter	GA	GV	Unit	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
<b>Total Metals</b>																
SW6010C	Arsenic	25	NS	µg/L	15 U		15 U		15 U		15 U					
SW6010C	Barium	1000	NS	µg/L	<b>32</b>		<b>120</b>		<b>45</b>		<b>40</b>					
SW6010C	Chromium	50	NS	µg/L	4 U		4 U		4 U		4 U					
SW6010C	Copper	200	NS	µg/L	10 U		10 U		10 U		10 U					
SW6010C	Lead	25	NS	µg/L	10 U		10 U		10 U		10 U					
SW6010C	Manganese	300	NS	µg/L	<b>410</b>		<b>400</b>		<b>1100</b>		<b>160</b>					
SW6010C	Molybdenum*	180	NS	µg/L	10 U		<b>89</b>		<b>14</b>		10 U					
SW6010C	Nickel	100	NS	µg/L	10 U		<b>17</b>		<b>1.3 J</b>		10 U					
SW6010C	Selenium	10	NS	µg/L	25 U		25 U		25 U		25 U					
SW7199	Chromium, Hexavalent	50	NS	µg/L	5.5 UJ		5.5 UJ		5.5 UJ		5.5 UJ					
<b>Dissolved Metals</b>																
SW6010C	Barium	1000	NS	µg/L												
SW6010C	Chromium	50	NS	µg/L												
SW6010C	Copper	200	NS	µg/L												
SW6010C	Lead	25	NS	µg/L												
SW6010C	Manganese	300	NS	µg/L												
SW6010C	Nickel	100	NS	µg/L												
<b>Inorganic Constituents</b>																
E350.1	Ammonium	NS	NS	µg/L	<b>450</b>		20 U		20 U		20 U					
E300.0	Fluoride	1500	NS	µg/L	<b>480</b>		<b>230 J</b>		<b>410</b>		<b>200</b>					
E300.0	Sulfate	250000	NS	µg/L	<b>358000</b>		<b>77400</b>		<b>89800</b>		<b>46500</b>					
E353.2	Nitrate as N	10000	NS	µg/L	<b>80 J</b>		50 UJ		50 UJ		50 UJ					

**Notes:**  
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 NS = no standard/guidance  
 Shaded result = exceeds GA or GV criteria  
 U = not detected  
 UJ = target analyte is not detected, result value is estimated  
 J = result is estimated  
 J+ = result is estimated with a potential high bias  
 \* - site specific standard  
 blank cells = not analyzed  
 FS = Field Sample

**Table 5: Inorganic Constituents Detected in Groundwater - May 2024**

		EXTRUSION REGION				ROLLING MILL REGION								
		MW-3		MW-3B		MW-5		MW-5B		MW-6		MW-6B		
		5/23/2024		5/23/2024		5/23/2024		5/23/2024		5/23/2024		5/22/2024		
		401003MW0315XX		401003MW3B45XX		401003MW0513XX		401003MW05B54XX		401003MW0612XX		401003MW06B59XX		
		FS		FS		FS		FS		FS		FS		
Method	Parameter	GA	GV	Unit	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
<b>Total Metals</b>														
SW6010C	Arsenic	25	NS	µg/L	15 U		15 U		8.5 J		6.3 J		24	15 U
SW6010C	Barium	1000	NS	µg/L	46		1500		110		1500		550	5700
SW6010C	Chromium	50	NS	µg/L	4 U		1.8 J		4 U		18		4 U	4 U
SW6010C	Copper	200	NS	µg/L	1.9 J		5.1 J		10 U		11		10 U	10 U
SW6010C	Lead	25	NS	µg/L	10 U		10 U		10 U		3.5 J		10 U	10 U
SW6010C	Manganese	300	NS	µg/L	30		37		970		180		4600	320
SW6010C	Molybdenum*	180	NS	µg/L	6.4 J		10 U		34		10 U		12	10 U
SW6010C	Nickel	100	NS	µg/L	10 U		1.8 J		10 U		18		10 U	10 U
SW6010C	Selenium	10	NS	µg/L	25 U		25 U		25 U		25 U		25 U	25 U
SW7199	Chromium, Hexavalent	50	NS	µg/L										
<b>Dissolved Metals</b>														
SW6010C	Barium	1000	NS	µg/L			1300				1500			
SW6010C	Chromium	50	NS	µg/L			2.2 J				9.6			
SW6010C	Copper	200	NS	µg/L			10 U				2.5 J			
SW6010C	Lead	25	NS	µg/L			4.5 J				4.7 J			
SW6010C	Manganese	300	NS	µg/L			13				78			
SW6010C	Nickel	100	NS	µg/L			10 U				6.5 J			
<b>Inorganic Constituents</b>														
E350.1	Ammonium	NS	NS	µg/L										
E300.0	Fluoride	1500	NS	µg/L										
E300.0	Sulfate	250000	NS	µg/L										
E353.2	Nitrate as N	10000	NS	µg/L										

**Notes:**  
 µg/L = micrograms per liter  
 GA = NY State Class GA Water Quality Standard  
 GV = Guidance Value  
 NS = no standard/guidance  
 Shaded result = exceeds GA or GV criteria  
 U = not detected  
 UJ = target analyte is not detected, result value is estimated  
 J = result is estimated  
 J+ = result is estimated with a potential high bias  
 \* - site specific standard  
 blank cells = not analyzed  
 FS = Field Sample

**Table 5: Inorganic Constituents Detected in Groundwater - May 2024**

		ROLLING MILL REGION														
		Location		MW-12		MW-18		MW-22		MW-G501		MW-I704		PES-7		
		Field Sample Date		5/22/2024		5/22/2024		5/23/2024		5/23/2024		5/22/2024		5/22/2024		
		Field Sample ID		401003MW1211XX		401003MW1813XX		401003MW2214XX		401003MWG50111XX		401003MWI70413XX		401003PES0712XX		
		Qc Code		FS		FS		FS		FS		FS		FS		
Method	Parameter	GA	GV	Unit	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
<b>Total Metals</b>																
SW6010C	Arsenic	25	NS	µg/L	15 U		15 U		15 U		15 U		15 U		13 J	
SW6010C	Barium	1000	NS	µg/L	70		230		140		160		99		250	
SW6010C	Chromium	50	NS	µg/L	15		1.8 J		1.7 J		4 U		4 U		4 U	
SW6010C	Copper	200	NS	µg/L	3.7 J		10 U		10 U		3.2 J		10 U		10 U	
SW6010C	Lead	25	NS	µg/L	10 U		10 U		10 U		10 U		10 U		10 U	
SW6010C	Manganese	300	NS	µg/L	850		11500		2900		1600		490		3700	
SW6010C	Molybdenum*	180	NS	µg/L	410		10 U		3.7 J		10 U		10 U		4.3 J	
SW6010C	Nickel	100	NS	µg/L	11		10 U		6.3 J		39		10 U		10 U	
SW6010C	Selenium	10	NS	µg/L	25 U		25 U		25 U		25 U		25 U		25 U	
SW7199	Chromium, Hexavalent	50	NS	µg/L												
<b>Dissolved Metals</b>																
SW6010C	Barium	1000	NS	µg/L												
SW6010C	Chromium	50	NS	µg/L												
SW6010C	Copper	200	NS	µg/L												
SW6010C	Lead	25	NS	µg/L												
SW6010C	Manganese	300	NS	µg/L												
SW6010C	Nickel	100	NS	µg/L												
<b>Inorganic Constituents</b>																
E350.1	Ammonium	NS	NS	µg/L												
E300.0	Fluoride	1500	NS	µg/L												
E300.0	Sulfate	250000	NS	µg/L												
E353.2	Nitrate as N	10000	NS	µg/L												

**Notes:**

- µg/L = micrograms per liter
- GA = NY State Class GA Water Quality Standard
- GV = Guidance Value
- NS = no standard/guidance
- Shaded result = exceeds GA or GV criteria
- U = not detected
- UJ = target analyte is not detected, result value is estimated
- J = result is estimated
- J+ = result is estimated with a potential high bias
- \* - site specific standard
- blank cells = not analyzed
- FS = Field Sample

Table 5: Inorganic Constituents Detected in Groundwater - May 2024

					MELT SHOP		SCRAP METAL STORAGE AREA REGION									
					MW-11		H-4D		H-4S		MW-1		MW-1B		MW-14	
					5/22/2024		5/21/2024		5/21/2024		5/22/2024		5/22/2024		5/22/2024	
					401003MW1111XX		401003H4D22XX		401003H4S10XX		401003MW0120XX		401003MW1B32XX		401003MW1412XX	
					FS		FS		FS		FS		FS		FS	
Method	Parameter	GA	GV	Unit	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
<b>Total Metals</b>																
SW6010C	Arsenic	25	NS	µg/L	15 U		15 U		15 U		15 U		15 U		15 U	
SW6010C	Barium	1000	NS	µg/L	93		230		45		50		2400		220	
SW6010C	Chromium	50	NS	µg/L	4 U		4 U		3.1 J		290		4 U		4 U	
SW6010C	Copper	200	NS	µg/L	10 U		10 U		10 U		5.3 J		10 U		10 U	
SW6010C	Lead	25	NS	µg/L	10 U		10 U		10 U		10 U		10 U		10 U	
SW6010C	Manganese	300	NS	µg/L	2000		15800		41		3.8		620		950	
SW6010C	Molybdenum*	180	NS	µg/L	490		53		10 U		990		10 U		180	
SW6010C	Nickel	100	NS	µg/L	1.7 J		12		2.4 J		10 U		10 U		1.6 J	
SW6010C	Selenium	10	NS	µg/L	25 U		25 U		25 U		60		25 U		25 U	
SW7199	Chromium, Hexavalent	50	NS	µg/L			5.5 U		5.5 U		280 J		5.5 UJ		5.5 UJ	
<b>Dissolved Metals</b>																
SW6010C	Barium	1000	NS	µg/L												
SW6010C	Chromium	50	NS	µg/L												
SW6010C	Copper	200	NS	µg/L												
SW6010C	Lead	25	NS	µg/L												
SW6010C	Manganese	300	NS	µg/L												
SW6010C	Nickel	100	NS	µg/L												
<b>Inorganic Constituents</b>																
E350.1	Ammonium	NS	NS	µg/L												
E300.0	Fluoride	1500	NS	µg/L												
E300.0	Sulfate	250000	NS	µg/L												
E353.2	Nitrate as N	10000	NS	µg/L												

**Notes:**

- µg/L = micrograms per liter
- GA = NY State Class GA Water Quality Standard
- GV = Guidance Value
- NS = no standard/guidance
- Shaded result = exceeds GA or GV criteria
- U = not detected
- UJ = target analyte is not detected, result value is estimated
- J = result is estimated
- J+ = result is estimated with a potential high bias
- \* - site specific standard
- blank cells = not analyzed
- FS = Field Sample

Table 5: Inorganic Constituents Detected in Groundwater - May 2024

		SCRAP METAL STORAGE AREA REGION														
		Location		MW-24		MW-26		MW-26B		MW-32		MW-37		MW-39		
		Field Sample Date		5/21/2024		5/21/2024		5/21/2024		5/22/2024		5/21/2024		5/21/2024		
		Field Sample ID		401003MW2413XX		401003MW2610XX		401003MW26B32XX		401003MW3209XX		401003MW3714XX		401003MW3914XX		
		Qc Code		FS		FS		FS		FS		FS		FS		
Method	Parameter	GA	GV	Unit	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
<b>Total Metals</b>																
SW6010C	Arsenic	25	NS	µg/L	15	U	15	U	15	U	15	U	15	U	15	U
SW6010C	Barium	1000	NS	µg/L	78		280		1300		100		90		84	
SW6010C	Chromium	50	NS	µg/L	860		18		4	U	4	U	4	U	4	U
SW6010C	Copper	200	NS	µg/L	3.2	J	10	U	10	U	10	U	10	U	10	U
SW6010C	Lead	25	NS	µg/L	10	U	10	U	10	U	10	U	10	U	10	U
SW6010C	Manganese	300	NS	µg/L	130		3	U	22		2500		1500		7800	
SW6010C	Molybdenum*	180	NS	µg/L	710		310		10	U	670		10	U	10	U
SW6010C	Nickel	100	NS	µg/L	1.4	J	38		10	U	6.6	J	4.7	J	5.1	J
SW6010C	Selenium	10	NS	µg/L	380		25	U	25	U	25	U	25	U	25	U
SW7199	Chromium, Hexavalent	50	NS	µg/L	980		15		5.5	UJ	5.5	U	5.5	U	5.5	U
<b>Dissolved Metals</b>																
SW6010C	Barium	1000	NS	µg/L												
SW6010C	Chromium	50	NS	µg/L												
SW6010C	Copper	200	NS	µg/L												
SW6010C	Lead	25	NS	µg/L												
SW6010C	Manganese	300	NS	µg/L												
SW6010C	Nickel	100	NS	µg/L												
<b>Inorganic Constituents</b>																
E350.1	Ammonium	NS	NS	µg/L												
E300.0	Fluoride	1500	NS	µg/L												
E300.0	Sulfate	250000	NS	µg/L												
E353.2	Nitrate as N	10000	NS	µg/L												

**Notes:**

- µg/L = micrograms per liter
- GA = NY State Class GA Water Quality Standard
- GV = Guidance Value
- NS = no standard/guidance
- Shaded result = exceeds GA or GV criteria
- U = not detected
- UJ = target analyte is not detected, result value is estimated
- J = result is estimated
- J+ = result is estimated with a potential high bias
- \* - site specific standard
- blank cells = not analyzed
- FS = Field Sample

**Table 5: Inorganic Constituents Detected in Groundwater - May 2024**

					WASTE ACID PIT AREA									
					MW-4		MW-4B		MW-19		MW-19B		PES-5	
					5/22/2024		5/22/2024		5/23/2024		5/23/2024		5/22/2024	
					401003MW0413XX		401003MW04B46XX		401003MW1918XX		401003MW19B38XX		401003PES0512XX	
					FS		FS		FS		FS		FS	
Method	Parameter	GA	GV	Unit	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
<b>Total Metals</b>														
SW6010C	Arsenic	25	NS	µg/L	15	U	15	U	11	J	15	U	15	U
SW6010C	Barium	1000	NS	µg/L	45		300		92		93		48	
SW6010C	Chromium	50	NS	µg/L	4	U	2.7	J	4	U	4	U	2.8	J
SW6010C	Copper	200	NS	µg/L	10	U	10	U	10	U	10	U	3.8	J
SW6010C	Lead	25	NS	µg/L	10	U	10	U	10	U	10	U	10	U
SW6010C	Manganese	300	NS	µg/L	9300		970		5800		2100		630	
SW6010C	Molybdenum*	180	NS	µg/L	81		10	U	11		10	U	35	
SW6010C	Nickel	100	NS	µg/L	23		54		35		290		3.5	J
SW6010C	Selenium	10	NS	µg/L	25	U	25	U	25	U	25	U	25	U
SW7199	Chromium, Hexavalent	50	NS	µg/L										
<b>Dissolved Metals</b>														
SW6010C	Barium	1000	NS	µg/L										
SW6010C	Chromium	50	NS	µg/L										
SW6010C	Copper	200	NS	µg/L										
SW6010C	Lead	25	NS	µg/L										
SW6010C	Manganese	300	NS	µg/L										
SW6010C	Nickel	100	NS	µg/L										
<b>Inorganic Constituents</b>														
E350.1	Ammonium	NS	NS	µg/L	420		470		28		77		88	
E300.0	Fluoride	1500	NS	µg/L	13800		13800		12400		12500		3600	
E300.0	Sulfate	250000	NS	µg/L	23600		28500		55800		56600		31500	
E353.2	Nitrate as N	10000	NS	µg/L	49	J	50	UJ	87		62		31	J

**Notes:**

- µg/L = micrograms per liter
- GA = NY State Class GA Water Quality Standard
- GV = Guidance Value
- NS = no standard/guidance
- Shaded result = exceeds GA or GV criteria
- U = not detected
- UJ = target analyte is not detected, result value is estimated
- J = result is estimated
- J+ = result is estimated with a potential high bias
- \* - site specific standard
- blank cells = not analyzed
- FS = Field Sample

**ATTACHMENT 1  
FIELD DATA RECORDS**

Well Inspection Checklist  
AL Tech Steel Main Plant Area  
Site 401003

Inspection Date/Initials: JKR, PG, KH, LG, BC 5/20/24

Well ID	Ground Surface to TOC (ft.)	Distance TOC to TOR (ft.)	GW to TOR (or TOC) (ft. TOR)	TOR to BOW (ft.)	Well ID Clearly Labeled (Y/N)	Guard Posts (G/F/P)	DEC Well Lock (Y/N)	Cap on Well Riser (G/P/F)	Protective Casing (G/F/P)	Concrete Pad (G/F/P)	Comments <sup>1</sup>
<b>Main Plant Area</b>											
MW-1	2.6	0.24	8.92	20.2	Y	G	Y	G	G	G	
MW-1B	1.85	0.15	11.80	40.3	Y	G	Y	G	G	G	
MW-3	2.2	0.14	12.91	22.0	Y	G	Y	G	G	F	Concrete pad is cracked
MW-3B	2.2	0.13	14.37	52.4	Y	G	Y	G	G	F	Concrete pad is cracked
MW-4	2.2	0.23	12.47	20.0	Y	G	Y	P	G	G	Well riser cap is missing
MW-4B	2.2	0.22	13.95	51.3	Y	G	Y	G	G	G	
MW-5	2.55	0.24	9.25	18.8	Y	G	Y	G	G	G	
MW-5B	2.0	0.10	10.40	61.2	Y	G	Y	G	G	G	
MW-6	2.1	0.15	9.83	18.4	Y	G	Y	G	G	G	
MW-6B	1.7	0.27	11.80	65.5	Y	G	Y	G	G	G	
MW-8B	3.2	0.59	18.41	45.4	N	NA	Y	G	G	UNK	*Animal burrow at base of protective casing. Can't see concrete pad
MW-11	1.9	0.56	7.62	15.6	Y	G	Y	G	G	UNK	Can't see concrete pad
MW-12	0	0.35	7.03	17.1	Y	NA	NA	G	G	G	
MW-14	1.7	0.50	6.62	16.7	Y	G	Y	G	G	G	
MW-15	2.2	0.65	4.02	11.7	Y	NA	Y	G	F**	G	Was missing aluminum nycap-replaced with nycap. Blockage in well but able to sample and test w/ probe in.
MW-17	0	0.17	4.60	14.0	N	NA	NA	G	G	G	
MW-18	1.4	0.28	7.95	18.1	Y	G	Y	G	G	G	
MW-19	2.7	0.82	9.54	24.6	Y	NA	Y	G	G	G	
MW-19B	2.0	0.16	9.59	45.0	Y	NA	Y	G	G	G	
MW-22	0	0.31	9.85**	15.2	N	NA	NA	G	G	G	**Unknown thickness of product
H-4S	2.4	0.19	8.68	17.1	Y	G	Y	G	G	G	
H-4D	2.6	0.25	10.67	26.2	Y	G	Y	G	G	G	
MW-F401	3.3	0.26	9.15**	-	Y	NA	Y	G	G	G	**Unknown thickness of product
MW-F604	Abandoned	-	-	-	-	-	-	-	-	-	Well has been abandoned
MW-G501	3.65	0.52	12.75	19.0	Y	NA	Y	G	G	G	
MW-I704	2.75	0.29	10.89	22.5	Y	NA	Y	G	P**	F**	Concrete cracked, casing tilted from being run into.
<b>Scrap Metal Storage Area</b>											
MW-24	2.6	0.12 AC	14.14	21.4	Y	NA	Y	G	G	G	
MW-26	2.5	0.0	9.58	17.45	Y	NA	Y	G	G	G	
MW-26B	2.7	0.02	9.59	44.3	Y	NA	Y	G	G	G	
MW-27R	2.35	0.21	7.77	19.4	Y	NA	Y	G	G	G	
MW-32	2.75	0.10	8.45	16.7	Y	NA	Y	G	G	G	
DP-09	3.5	0.12	9.57	13.0	Y	NA	Y	G	G	G	
<b>Offsite</b>											
MW-37	3.55	0.60	6.63	20.7	N	NA	Y	G	G	F	Concrete pad is heaved.
MW-39	2.65	0.19	9.72	22.1	Y	NA	Y	G	G	G	
PES-5	0	0.2	7.69	13.2	N	NA	NA	G	F	G	Flush mount missing all bolts
PES-7	0	0.2	6.92	13.7	N	NA	NA	G	F	G	Flush mount missing all bolts.
MW-43	3.4	0.87	6.13	13.9	Y	NA	Y	G	P	P	Concrete pad is extremely heaved.
<b>Fence Inspection Comments:</b> Hole (orange fencing) filled with brush in area near current front gate across from PES-5. Hole in fence near MW-15 along Spring Street Road.											

Notes:

F = Fair  
G = Good  
N = No  
P = Poor  
Y = yes

ft. = feet

BOW = bottom of well

TOR = Top of PVC well riser

TOC = Top of protective steel casing

<sup>1</sup>Poor or notable observations require input into "Comments"

**Well Inspection Checklist**  
**AL Tech Steel Main Plant Area**  
**Site 401003**

Inspection Date/Initials: JKR, PG, KH, LG, BC

Well ID	Ground Surface to TOC (ft.)	Distance TOC to TOR (ft.)	GW to TOR (or TOC) (ft. TOR)	TOR to BOW (ft.)	Well ID Clearly Labeled (Y/N)	Guard Posts (G/F/P)	Well Lock (Y/N)	Cap on Well Riser (G/P/F)	Protective Casing (G/F/P)	Concrete Pad (G/F/P)	Comments <sup>1</sup>
<b>Main Plant Area</b>											
MW-1	2.6	0.29	8.92	20.2	Y	G	Y	G	G	G	
MW-1B	1.85	0.15	11.80	40.3	Y	G	Y	G	G	G	
MW-3	2.2	0.14	12.91	22.0	Y	G	Y	G	G	F	Concrete pad is cracked
MW-3B	2.2	0.13	14.37	52.4	Y	G	Y	G	G	F	Concrete pad is cracked
MW-4	2.2	0.23	12.47	20.0	Y	G	Y	P	G	G	Well riser cap is missing
MW-4B	2.2	0.22	13.95	51.3	Y	G	Y	G	G	G	
MW-5	2.55	0.24	9.25	18.8	Y	G	Y	G	G	G	
MW-5B	2.0	0.10	10.40	61.2	Y	G	Y	G	G	G	
MW-6	2.1	0.15	9.83	18.4	Y	G	Y	G	G	G	
MW-6B	1.7	0.27	11.80	65.5	Y	G	Y	G	F**	G	**Animal burrow at base of protective casing
MW-8B	3.2	0.59	18.41	45.4	N	NA	Y	G	G	UNK	Can't see concrete pad
MW-11	1.9	0.56	7.62	15.6	Y	G	Y	G	G	UNK	Can't see concrete pad
MW-12	0	0.35	7.03	17.1	Y	NA	NA	G	G	G	
MW-14	1.7	0.50	6.62	16.7	Y	G	Y	G	G	G	
MW-15	2.2	0.65	4.02	11.7	Y	NA	Y	G	F**	G	**Was missing aluminum riser cap, replaced with new one
MW-17	0	0.17	4.60	14.0	N	NA	NA	G	G	G	
MW-18	1.4	0.28	7.95	18.1	Y	G	Y	G	G	G	
MW-19	2.7	0.82	9.54	24.6	Y	NA	Y	G	G	G	
MW-19B	2.0	0.16	9.59	45.0	Y	NA	Y	G	G	G	
MW-22	0	0.31	9.85	15.2	N	NA	NA	G	G	G	Unknown thickness of product
H-4S	2.4	0.19	8.68	17.1	Y	G	Y	G	G	G	
H-4D	2.6	0.25	10.67	26.2	Y	G	Y	G	G	G	
MW-F401	3.3	0.26	9.15	-	Y	NA	Y	G	G	G	Unknown thickness of product
MW-F604	Abandoned	-	-	-	-	-	-	-	-	-	Well has been abandoned
MW-G501	3.65	0.52	12.75	19.0	Y	NA	Y	G	G	G	
MW-I704	2.75	0.29	10.89	22.5	Y	NA	Y	G	P	P	Concrete pad is cracked, casing tilted from being run into
<b>Scrap Metal Storage Area</b>											
MW-24	2.6	0.12 AC	14.14	21.4	Y	NA	Y	G	G	G	
MW-26	2.5	0.00	9.58	17.45	Y	NA	Y	G	G	G	
MW-26B	2.7	0.02	9.59	44.3	Y	NA	Y	G	G	G	
MW-27R	2.35	0.21	7.77	19.4	Y	NA	Y	G	G	G	
MW-32	2.75	0.10	8.45	16.7	Y	NA	Y	G	G	G	
DP-09	3.5	0.12	9.57	13.0	Y	NA	Y	G	G	G	
<b>Offsite</b>											
MW-37	3.55	0.60	6.63	20.7	N	NA	Y	G	G	F	Concrete pad is heaved
MW-39	2.65	0.19	9.72	22.1	Y	NA	Y	G	G	G	
PES-5	0	0.20	7.69	13.2	N	NA	NA	G	F	G	Flush mount missing all bolts
PES-7	0	0.20	6.92	13.7	N	NA	NA	G	F	G	Flush mount missing all bolts
MW-43	3.4	0.87	6.13	13.9	Y	NA	Y	G	P	P	Concrete pad is extremely heaved
<b>Fence Inspection Comments:</b> Hole, orange fencing pulled back in area near cement near front gate across from PES-5. Hole in fence near MW-15 along Spring Sheet Road											

**Notes:**

F = Fair  
G = Good  
N = No  
P = Poor  
Y = yes

ft. = feet  
BOW = bottom of well  
TOR = Top of PVC well riser  
TOC = Top of protective steel casing  
AC = Above Casing.  
<sup>1</sup>Poor or notable observations require input into "Comments"

# LOW FLOW GROUNDWATER SAMPLING RECORD

**PROJECT NAME** MPA AI Tech WMA LTM

**PROJECT NUMBER** 3616206100.04

**SAMPLE ID** 401003 MW 0120 X2 **SAMPLE TIME** 1400

**LOCATION ID** WV-MW-1 **DATE** 5/21/24

**START TIME** 1630 **END TIME** 5/22/24 1530

**SITE NAME/NUMBER** AI Tech WMA/401003 **PAGE** 1 OF 1

**WELL DIAMETER (INCHES)**  1  2  4  6  8  OTHER \_\_\_\_\_

**TUBING ID (INCHES)**  1/8  1/4  3/8  1/2  5/8  OTHER \_\_\_\_\_

**MEASUREMENT POINT (MP)**  TOP OF RISER (TOR)  TOP OF CASING (TOC)  OTHER \_\_\_\_\_

**INITIAL DTW (BMP)** 9.07 FT **FINAL DTW (BMP)** 19.87 FT **PROT. CASING STICKUP (AGS)** 2.6 FT **TOC/TOR DIFFERENCE** 0.29 FT

**WELL DEPTH (BMP)** 20.2 FT **SCREEN LENGTH** 10 FT **PID AMBIENT AIR** \_\_\_\_\_ PPM **REFILL TIMER SETTING** \_\_\_\_\_ SEC

**WATER COLUMN** 11.13 FT **DRAWDOWN VOLUME** 21.8 GAL **PID WELL MOUTH** \_\_\_\_\_ PPM **DISCHARGE TIMER SETTING** \_\_\_\_\_ SEC

**CALCULATED GAL/VOL** 1.8 GAL **TOTAL VOL. PURGED** 26.8 GAL **DRAWDOWN/ TOTAL PURGED** 1.20 **PRESSURE TO PUMP** \_\_\_\_\_ PSI

(column X well diameter squared X 0.041) (mL per minute X total minutes X 0.00026 gal/mL)

**WELL INTEGRITY**

YES	NO	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1639	BEGIN PURGING									
1649	18.68	0.88 GPM	10.6	0.510	11.81	1.03	28.5	-257	20'	5 Gallons
1648	19.7	0.256 GPM	11.9	0.445	11.67	3.62	-	-250	-	6 Gallons
Purged dry with whole pump 5/21/24 will collect some low flow parameters and a grab sample of recharge on 5/22/24										
5/22/24	Recharge over night									
1300	DTW 18.15									
5/22/24	1400 collect 3 sample then take readings									
1450	17.25	150	15.34	0.394	11.16	20.64	4.30	-56.1		
1455	17.58	150	12.49	0.499	11.62	11.38	3.51	-40.3		
1500	19.01	-	12.13	0.477	11.62	10.57	3.4	-22.1		
1505	19.87	-	12.03	0.476	11.62	10.47	2.24	-26.1		

**FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures(SF))**

12      0.476      11.6      10.5      2.0      -26

TEMP: nearest degree (ex. 10.1 = 10)  
 COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 5.53 = 5.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

**EQUIPMENT DOCUMENTATION**

<input checked="" type="checkbox"/> PERISTALTIC SUBMERSIBLE BLADDER	<input checked="" type="checkbox"/> LIQUINOX DEIONIZED WATER POTABLE WATER NITRIC ACID OTHER <u>Dedical</u>	<input checked="" type="checkbox"/> SILICON TUBING HDPE TUBING LDPE TUBING HDPE TUBING OTHER	<input type="checkbox"/> S. STEEL PUMP MATERIAL PVC PUMP MATERIAL GEOPROBE SCREEN TEFLO BLADDER OTHER	<input checked="" type="checkbox"/> WL METER <u>Levon m0200-73</u>
<input checked="" type="checkbox"/> OTHER <u>whole</u>				<input checked="" type="checkbox"/> TURB METER <u>670421000/mw24-4</u>
				<input checked="" type="checkbox"/> WQ METER <u>ISE M015-11</u>
				<input checked="" type="checkbox"/> PUMP <u>Geo</u>
				<input type="checkbox"/> FILTERS NO _____ TYPE _____

**ANALYTICAL PARAMETERS**

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
<input checked="" type="checkbox"/> PCBs	<u>8082A-LL</u>	No	<u>4°C</u>	<u>2xLLAG</u>	<input checked="" type="checkbox"/>	/	/
<input checked="" type="checkbox"/> Hardness	6010C/7470A	No	4°C HNO3	1X250 ml Poly	<input checked="" type="checkbox"/>	/	/
<input checked="" type="checkbox"/> Select Metals (Total)	6010C/7470A	Yes	4°C HNO3	1X250 ml Poly	<input checked="" type="checkbox"/>	/	/
<input checked="" type="checkbox"/> Select Metals (Dissolved)	300.0 28D	No	4°C	60 ml Poly	<input checked="" type="checkbox"/>	/	/
<input checked="" type="checkbox"/> Fluoride/Sulfate	7199	No	4°C	500 ml Poly	<input checked="" type="checkbox"/>	/	/
<input checked="" type="checkbox"/> Hexavalent Chromium		No	4°C		<input checked="" type="checkbox"/>	/	/

**PURGE OBSERVATIONS**

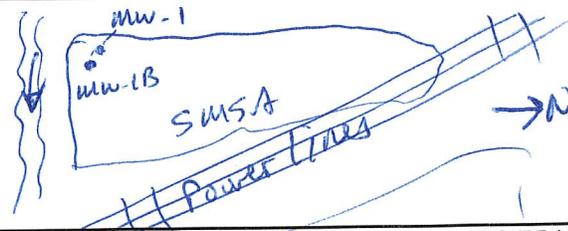
PURGE WATER CONTAINERIZED YES  NO

NO-PURGE METHOD UTILIZED YES  NO

NUMBER OF GALLONS GENERATED 6.8

If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.

**SKETCH/NOTES**



Sampler Signature: Jerry Rausch      Print Name: For Paul Gazzo / Jerry Rausch

Checked By: JR      Date: 5/29/24

# LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME: AI Tech MPA LTM  
 PROJECT NUMBER: 3616206100.04  
 SAMPLE ID: 401003 mw1832xx  
 SAMPLE TIME: 1800

LOCATION ID: mw18  
 DATE: 5/22/24  
 START TIME: 1305  
 END TIME: 1410  
 SITE NAME/NUMBER: AI Tech MPA/401003  
 PAGE: 1 OF 1

WELL DIAMETER (INCHES):  2  
 TUBING ID (INCHES):  1/8  
 MEASUREMENT POINT (MP):  TOP OF RISER (TOR)

WELL INTEGRITY:  
 YES NO N/A  
 CAP:     
 CASING:     
 LOCKED:     
 COLLAR:

INITIAL DTW (BMP): 11.86 FT  
 FINAL DTW (BMP): 12.79 FT  
 PROT. CASING STICKUP (AGS): 24.185 FT  
 TOC/TOR DIFFERENCE: 0.15 FT  
 WELL DEPTH (BMP): 40.30 FT  
 SCREEN LENGTH: 10 FT  
 PID AMBIENT AIR: \_\_\_\_\_ PPM  
 REFILL TIMER SETTING: \_\_\_\_\_ SEC  
 WATER COLUMN: 28.44 FT  
 DRAWDOWN VOLUME: 0.15 GAL  
 PID WELL MOUTH: \_\_\_\_\_ PPM  
 DISCHARGE TIMER SETTING: \_\_\_\_\_ SEC  
 CALCULATED GAL/VOL: 4.83 GAL  
 TOTAL VOL. PURGED: 2.4 GAL  
 DRAWDOWN/TOTAL PURGED: 0.06  
 PRESSURE TO PUMP: \_\_\_\_\_ PSI

**FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)**

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1300	BEGIN PURGING									
1305	11.86	150	14.04	1.856	7.35	17.88	35.4	-6.8		
1310	12.50	150	13.84	1.850	7.36	9.57	17.0	-6.6		
1315	12.51	150	14.00	1.834	7.36	8.76	10.2	-6.9		
1320	12.57	150	13.73	1.831	7.36	8.75	7.72	-8.1		
1325	12.69	150	13.58	1.830	7.36	7.81	4.61	-14.7		
1330	12.70	150	13.71	1.816	7.37	7.82	6.78	-31.6		
1335	12.75	150	13.63	1.819	7.36	7.57	7.21	-40.6		
1340	12.76	150	13.44	1.836	7.36	7.61	5.21	-45.0		
1345	12.77	150	13.47	1.845	7.36	7.64	6.73	-38.7		
1350	12.77	150	13.48	1.860	7.36	7.57	4.21	-47.2		
1355	12.79	150	13.56	1.861	7.36	7.65	7.79	-47.5		
1400	12.79	150	13.57	1.865	7.36	7.64	5.94	-45.0		Sample 1400

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

TEMP.: nearest degree (ex. 10.1 = 10)  
 COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 5.53 = 5.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

14      1.865      7.4      7.6      5.9      -45

**EQUIPMENT DOCUMENTATION**

TYPE OF PUMP:  PERISTALTIC  
 DECON FLUIDS USED:  LIQUINOX  
 TUBING/PUMP/BLADDER MATERIALS:  SILICON TUBING  
 EQUIPMENT USED:  WL METER m030-73 Heron  
 SUBMERSIBLE  
 DEIONIZED WATER  
 HDPE TUBING  
 TURB. METER m024-41 HANNA  
 BLADDER  
 POTABLE WATER  
 LDPE TUBING  
 PVC PUMP MATERIAL  
 GEOPROBE SCREEN  
 NITRIC ACID  
 HDPE TUBING  
 TEFLON BLADDER  
 PUMP m015-11 VSI  
 OTHER  
 OTHER  
 OTHER  
 OTHER

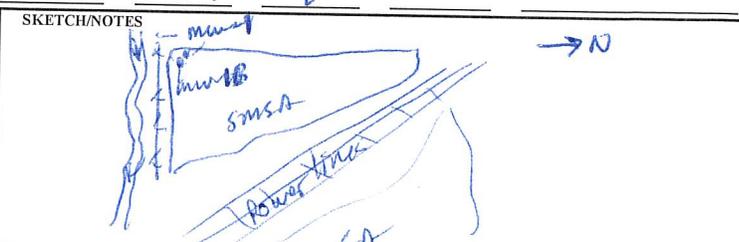
**ANALYTICAL PARAMETERS**

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
PCBs (low level)	8082A LL	No	4°C	1 X 1L AG	<input checked="" type="checkbox"/>		
Select Metals (Total)	6010C/7470A	No	4°C HNO3	1 X 250 ml Poly	<input checked="" type="checkbox"/>		
Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO3	1 X 250 ml Poly	<input checked="" type="checkbox"/>		
VOCs	8260C	No	4°C HCl	3 X 40 ml			
SVOCs	8270D	No	4°C	2 X 250 ml AG			
TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG			
Ammonia	350.1	No	4°C H2SO4	250 ml Poly			
Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly			
Nitrate/Nitrite	353.2	No	4°C	125 ml Poly			
Hexavalent Chromium	7199	No	4°C	500 ml Poly	<input checked="" type="checkbox"/>		

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED:  YES  NO  
 NO-PURGE METHOD UTILIZED:  YES  NO  
 NUMBER OF GALLONS GENERATED: 2.4  
 If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.

Sampler Signature: *Paul Gazzo*  
 Print Name: PAUL GAZZO  
 Checked By: *[Signature]*  
 Date: 5/22/24



# LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME Al Tech WMA LTM	
PROJECT NUMBER 3616206100.04	
SAMPLE ID 401003WW-401003mw03	SAMPLE TIME 1005

LOCATION ID MW-3	DATE 5.25.24
START TIME 0925	END TIME 1005
SITE NAME/NUMBER Al Tech WMA/401003	PAGE 1 OF 1

WELL DIAMETER (INCHES)  1  2  4  6  8  OTHER \_\_\_\_\_

TUBING ID (INCHES)  1/8  1/4  3/8  1/2  5/8  OTHER \_\_\_\_\_

MEASUREMENT POINT (MP)  TOP OF RISER (TOR)  TOP OF CASING (TOC)  OTHER \_\_\_\_\_

WELL INTEGRITY

YES	NO	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INITIAL DTW (BMP) <u>13.08</u> FT	FINAL DTW (BMP) <u>13.04</u> FT	PROT. CASING STICKUP (AGS) <u>2.18</u> FT	TOC/TOR DIFFERENCE <u>-0.14</u> FT
WELL DEPTH (BMP) <u>22.00</u> FT	SCREEN LENGTH <u>10</u> FT	PID AMBIENT AIR _____ PPM	REFILL TIMER SETTING _____ SEC
WATER COLUMN <u>8.92</u> FT	DRAWDOWN VOLUME (initial DTW - final DTW X well diam. squared X 0.041) <u>0</u> GAL	PID WELL MOUTH _____ PPM	DISCHARGE TIMER SETTING _____ SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041) <u>1.43</u> GAL	TOTAL VOL. PURGED <u>1.48</u> GAL	DRAWDOWN/TOTAL PURGED _____	PRESSURE TO PUMP _____ PSI

### FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% < 10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
925	13.08	140	12.48	0.562	6.47	3.48	14.1	32.7	—	
940	13.08	140	11.88	0.562	6.49	3.52	14.1	29.4	—	
950	13.04	140	11.94	0.560	6.49	3.81	4.79	28.5	—	
1000	13.04	140	11.83	0.561	6.50	3.73	4.91	27.4	—	
1005	13.04	140	11.83	0.561	6.50	3.73	4.91	27.4	—	
Sampled @ 1005										

### FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures(SF))

12.8    0.561    6.5    3.7    4.9    27

TEMP.: nearest degree (ex. 10.1 = 10)  
 COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 5.53 = 5.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

### EQUIPMENT DOCUMENTATION

TYPE OF PUMP <input checked="" type="checkbox"/> PERISTALTIC <input type="checkbox"/> SUBMERSIBLE <input type="checkbox"/> BLADDER <input type="checkbox"/> OTHER _____	DECON FLUIDS USED <input type="checkbox"/> LIQUINOX <input type="checkbox"/> DEIONIZED WATER <input type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input checked="" type="checkbox"/> OTHER <u>Dedicated</u>	TUBING/PUMP/BLADDER MATERIALS <input checked="" type="checkbox"/> SILICON TUBING <input type="checkbox"/> HDPE TUBING <input checked="" type="checkbox"/> LDPE TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> OTHER _____	EQUIPMENT USED <input checked="" type="checkbox"/> WL METER <u>Heron</u> <input checked="" type="checkbox"/> TURB. METER <u>Hach</u> <input checked="" type="checkbox"/> WQ METER <u>3SE</u> <input checked="" type="checkbox"/> PUMP <u>Geopump</u> <input type="checkbox"/> FILTERS NO. _____ TYPE _____
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### ANALYTICAL PARAMETERS

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
Select Metals (Total)	6010C/7470A	No	4°C HNO3	1X250 ml Poly	<input checked="" type="checkbox"/>		
Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO3	1X250 ml Poly	<input checked="" type="checkbox"/>		
Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly	<input checked="" type="checkbox"/>		
Hexavalent Chromium	7199	No	4°C	500 ml Poly	<input checked="" type="checkbox"/>		

### PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED  YES  NO

NO-PURGE METHOD UTILIZED  YES  NO

NUMBER OF GALLONS GENERATED 12 gal

If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.

### SKETCH/NOTES

metals + PCB's - Analytical parameters

→ N

Sampler Signature: B. Connolly

Checked By: [Signature]

Print Name: Brian Connolly

Date: 5/29/24

# LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME Al Tech MPA LTM	
PROJECT NUMBER 3616206100.04	
SAMPLE ID <b>401 003 MW 3045 X</b>	SAMPLE TIME <b>1110</b>

LOCATION ID <b>MW-3B</b>	DATE <b>5/22/24</b>
START TIME <b>1315</b>	END TIME <b>5/23/24 1215</b>
SITE NAME/NUMBER Al Tech MPA/401003	PAGE <b>1</b> OF <b>1</b>

WELL DIAMETER (INCHES) <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> OTHER _____	WELL INTEGRITY YES NO N/A
TUBING ID (INCHES) <input checked="" type="checkbox"/> 1/8 <input type="checkbox"/> 1/4 <input type="checkbox"/> 3/8 <input type="checkbox"/> 1/2 <input type="checkbox"/> 5/8 <input type="checkbox"/> OTHER _____	CAP <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
MEASUREMENT POINT (MP) <input checked="" type="checkbox"/> TOP OF RISER (TOR) <input type="checkbox"/> TOP OF CASING (TOC) <input type="checkbox"/> OTHER _____	CASING LOCKED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
INITIAL DTW (BMP) <b>14.43</b> FT	FINAL DTW (BMP) <b>23.41</b> FT
WELL DEPTH (BMP) <b>52.4</b> FT	SCREEN LENGTH <b>10</b> FT
WATER COLUMN <b>37.97</b> FT	DRAWDOWN VOLUME <b>1.44</b> GAL
CALCULATED GAL/VOL <b>6.1</b> GAL	TOTAL VOL. PURGED <b>7.9</b> GAL
PROT. CASING STICKUP (AGS) <b>2.2</b> FT	TOC/TOR DIFFERENCE <b>0.13</b> FT
PID AMBIENT AIR _____ PPM	REFILL TIMER SETTING _____ SEC
PID WELL MOUTH _____ PPM	DISCHARGE TIMER SETTING _____ SEC
DRAWDOWN/ TOTAL PURGED _____	PRESSURE TO PUMP _____ PSI

### FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% < 10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
<b>1325</b>										<b>BEGIN PURGING</b>
<b>1329</b>	<b>22.7</b>		<b>13.7</b>	<b>0.65</b>	<b>8.64</b>	<b>1.26</b>	<b>61.3</b>	<b>-50.3</b>		
<b>1332</b>	<b>Hit by pump</b>		<b>13.5</b>	<b>0.65</b>	<b>8.56</b>	<b>2.57</b>	<b>885</b>	<b>-31.1</b>		<b>5 gallons</b>
<b>1105</b>	<b>14.52</b>	<b>46.25</b>	<b>13.53</b>	<b>0.724</b>	<b>8.59</b>	<b>3.100</b>	<b>334</b>	<b>31.0</b>		<b>7 gallons</b>
<b>1115</b>	<b>14.53</b>	<b>140</b>	<b>13.4</b>	<b>0.691</b>	<b>8.01</b>	<b>3.60</b>	<b>98.5</b>	<b>30.8</b>		
<b>1125</b>	<b>19.62</b>	<b>140</b>	<b>13.62</b>	<b>0.683</b>	<b>8.01</b>	<b>2.74</b>	<b>87.8</b>	<b>27.0</b>		
<b>1135</b>	<b>23.09</b>	<b>140</b>	<b>13.70</b>	<b>0.682</b>	<b>8.05</b>	<b>2.92</b>	<b>85.1</b>	<b>24.1</b>		
<b>1140</b>	<b>23.30</b>	<b>~125</b>	<b>13.71</b>	<b>0.682</b>	<b>8.06</b>	<b>2.45</b>	<b>82.9</b>	<b>23.3</b>		
<b>1145</b>	<b>23.41</b>	<b>~125</b>	<b>13.96</b>	<b>0.680</b>	<b>8.06</b>	<b>2.53</b>	<b>87.2</b>	<b>22.3</b>		
<b>1150</b>	<b>23.40</b>	<b>~125</b>	<b>14.16</b>	<b>0.690</b>	<b>8.08</b>	<b>2.41</b>	<b>87.2</b>	<b>20.9</b>		
<b>1155</b>	<b>23.41</b>	<b>~125</b>	<b>14.17</b>	<b>0.682</b>	<b>8.08</b>	<b>2.38</b>	<b>81.1</b>	<b>19.2</b>		
<b>sampled @ 1110</b>										
<b>FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures)(SF)</b>										
	<b>14</b>	<b>0.682</b>	<b>8.1</b>	<b>2.4</b>	<b>81</b>					

TEMP.: nearest degree (ex. 10.1 = 10)  
 COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 3.51 = 3.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB.: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

### EQUIPMENT DOCUMENTATION

<b>TYPE OF PUMP</b> <input checked="" type="checkbox"/> PERISTALTIC <input type="checkbox"/> SUBMERSIBLE <input type="checkbox"/> BLADDER <input type="checkbox"/> OTHER _____	<b>DECON FLUIDS USED</b> <input type="checkbox"/> LIQUINOX <input type="checkbox"/> DEIONIZED WATER <input type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input checked="" type="checkbox"/> OTHER <b>Dedicated</b>	<b>TUBING/PUMP/BLADDER MATERIALS</b> <input checked="" type="checkbox"/> SILICON TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> LDPE TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> OTHER _____	<b>EQUIPMENT USED</b> <input checked="" type="checkbox"/> S. STEEL PUMP MATERIAL <input type="checkbox"/> PVC PUMP MATERIAL <input type="checkbox"/> GEOPROBE SCREEN <input type="checkbox"/> TEFLON BLADDER <input type="checkbox"/> OTHER _____	<input checked="" type="checkbox"/> WL METER <b>Hevon</b> <input checked="" type="checkbox"/> TURB. METER <b>HAACH 2100R</b> <input checked="" type="checkbox"/> WQ METER <b>YSI</b> <input checked="" type="checkbox"/> PUMP <b>Geopump</b> <input type="checkbox"/> FILTERS NO. _____ TYPE _____
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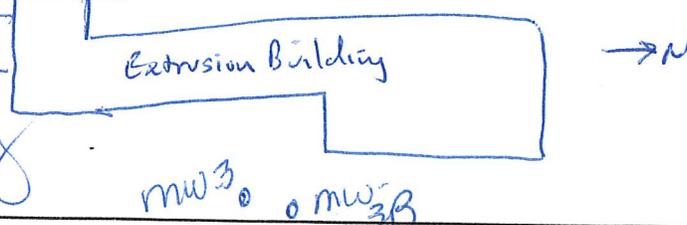
### ANALYTICAL PARAMETERS

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
<input checked="" type="checkbox"/> PCBs (low level)	8082A LL	No	4°C	1 X 1L AG	<b>yes</b>	<b>no</b>	
<input checked="" type="checkbox"/> Select Metals (Total)	6010C/7470A	No	4°C HNO <sub>3</sub>	1 X 250 ml Poly	<b>yes</b>	<b>no</b>	
<input checked="" type="checkbox"/> Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO <sub>3</sub>	1 X 250 ml Poly	<b>yes</b>	<b>no</b>	
VOCs	8260C	No	4°C HCl	3 X 40 ml	<b>yes</b>	<b>no</b>	<b>Field filtered</b>
SVOCs	8270D	No	4°C	2 X 250 ml AG			
TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG			
Ammonia	350.1	No	4°C H <sub>2</sub> SO <sub>4</sub>	250 ml Poly			
Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly			
Nitrate/Nitrite	353.2	No	4°C	125 ml Poly			
Hexavalent Chromium	7199	No	4°C	500 ml Poly			

### PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	NUMBER OF GALLONS GENERATED	<b>~7.9 gal</b>
NO-PURGE METHOD UTILIZED	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.	

### SKETCH/NOTES



Sampler Signature: *Becky Connolly* Print Name: **Becky Connolly**

Checked By: *[Signature]* Date: **5/29/24**



511 Congress Street, Portland Maine 04101

# LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME Al Tech MPA LTM	
PROJECT NUMBER 3616206100.04	
SAMPLE ID 401003MW0413XX	SAMPLE TIME 0935

LOCATION ID MW-4	DATE 5/22/24
START TIME 0835	END TIME 0935
SITE NAME/NUMBER Al Tech MPA/401003	PAGE 1 OF 1

WELL DIAMETER (INCHES) <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> OTHER _____	WELL INTEGRITY YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A <input type="checkbox"/>
TUBING ID (INCHES) <input checked="" type="checkbox"/> 1/8 <input type="checkbox"/> 1/4 <input type="checkbox"/> 3/8 <input type="checkbox"/> 1/2 <input type="checkbox"/> 5/8 <input type="checkbox"/> OTHER _____	CAP <input checked="" type="checkbox"/> LOCKED <input checked="" type="checkbox"/> COLLAR <input checked="" type="checkbox"/>
MEASUREMENT POINT (MP) <input checked="" type="checkbox"/> TOP OF RISER (TOR) <input checked="" type="checkbox"/> TOP OF CASING (TOC) <input type="checkbox"/> OTHER _____	TOC/TOR DIFFERENCE <input type="checkbox"/> _____
INITIAL DTW (BMP) <input type="text" value="12.51"/> FT	FINAL DTW (BMP) <input type="text" value="12.50"/> FT
WELL DEPTH (BMP) <input type="text" value="19.98"/> FT	SCREEN LENGTH <input type="text" value="10"/> FT
WATER COLUMN <input type="text" value="7.47"/> FT	DRAWDOWN VOLUME (initial DTW - final DTW X well diam. squared X 0.041) <input type="text" value="-0.0082"/> GAL
CALCULATED GAL/VOL (column X well diameter squared X 0.041) <input type="text" value="1.23"/> GAL	TOTAL VOL. PURGED <input type="text" value="2.29"/> GAL
PROT. CASING STICKUP (AGS) <input type="text" value="2.2"/> FT	PID AMBIENT AIR <input type="text" value=""/> PPM
PID WELL MOUTH <input type="text" value=""/> PPM	DRAWDOWN/TOTAL PURGED <input type="text" value="0.0036"/>
REFILL TIMER SETTING <input type="text" value=""/> SEC	DISCHARGE TIMER SETTING <input type="text" value=""/> SEC
PRESSURE TO PUMP <input type="text" value=""/> PSI	

### FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
0835	BEGIN PURGING									
0840	12.55	160	12.1	0.72	6.84	0.91	3.83	88.9	-	clear
0845	12.55	160	12.1	0.72	6.82	1.19	2.90	74.1	-	clear
0850	12.55	160	12.0	0.72	6.83	1.68	1.92	47.2	-	clear
0855	12.56	160	11.9	0.72	6.84	1.62	0.87	19.6	-	clear
0900	12.56	160	11.9	0.72	6.84	1.57	-0.73	-4.2	-	clear
0905	12.56	160	12.0	0.72	6.84	1.46	0.18	-13.7	-	clear
0910	12.56	160	12.0	0.72	6.84	1.37	0.81	-24.1	-	clear
0915	12.56	160	11.9	0.72	6.84	1.33	0.76	-34.1	-	clear
0920	12.56	160	11.9	0.72	6.85	1.12	0.82	-40.4	-	clear
0925	12.56	160	11.9	0.71	6.85	1.16	0.76	-44.1	-	clear
0930	12.56	160	12.0	0.71	6.85	1.02	0.69	-42.5	-	clear
* SAMPLE MW-4 @ 0935 *										

### FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

DTW: 12.0    SP. CONDUCTANCE: 0.71    pH: 6.9    DISS. O<sub>2</sub>: 1.1    TURBIDITY: 0.7    REDOX: -43  
 DO: 0.69    ORP: -42.5

TEMP.: nearest degree (ex. 10.1 = 10)  
 COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 5.53 = 5.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

### EQUIPMENT DOCUMENTATION

<b>TYPE OF PUMP</b> <input type="checkbox"/> PERISTALTIC <input type="checkbox"/> SUBMERSIBLE <input type="checkbox"/> BLADDER <input checked="" type="checkbox"/> OTHER <u>Geopump</u>	<b>DECON FLUIDS USED</b> <input type="checkbox"/> LIQUINOX <input checked="" type="checkbox"/> DEIONIZED WATER <input type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input checked="" type="checkbox"/> OTHER <u>Deionated</u>	<b>TUBING/PUMP/BLADDER MATERIALS</b> <input checked="" type="checkbox"/> SILICON TUBING <input type="checkbox"/> HDPE TUBING <input checked="" type="checkbox"/> LDPE TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> OTHER	<b>EQUIPMENT USED</b> <input checked="" type="checkbox"/> WL METER <u>M015-08 Hery</u> <input checked="" type="checkbox"/> TURB. METER <u>M024-36 HATCH 2100</u> <input checked="" type="checkbox"/> WQ METER <u>M260-72 YSI</u> <input type="checkbox"/> PUMP <input type="checkbox"/> FILTERS NO. _____ TYPE _____
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### ANALYTICAL PARAMETERS

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
PCBs (low level)	8082A LL	No	4°C	1 X 1L AG	✓	No	NA
Select Metals (Total)	6010C/7470A	No	4°C HNO <sub>3</sub>	1 X 250 ml Poly	✓	I	↓
Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO <sub>3</sub>	1 X 250 ml Poly	✓	No	↓
VOCs	8260C	No	4°C HCl	3 X 40 ml	✓	No	N/A
SVOCs	8270D	No	4°C	2 X 250 ml AG	✓	No	↓
TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG	✓	No	↓
Ammonia	350.1	No	4°C H <sub>2</sub> SO <sub>4</sub>	250 ml Poly	✓	No	↓
Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly	✓	No	↓
Nitrate/Nitrite	353.2	No	4°C	125 ml Poly	✓	No	↓
Hexavalent Chromium	7199	No	4°C	500 ml Poly	✓	No	↓

### PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	NUMBER OF GALLONS GENERATED <u>4.5</u>
NO-PURGE METHOD UTILIZED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

### SKETCH/NOTES

Lincoln Ave  
 Site Figure  
 MW-4/4B  
 Extrusion Building

Sampler Signature: [Signature] Print Name: Kristin Hyczer

Checked By: [Signature] Date: 5/22/24

**LOW FLOW GROUNDWATER SAMPLING RECORD**

PROJECT NAME: Al Tech MPA LTM  
 PROJECT NUMBER: 3616206100.04  
 SAMPLE ID: 401003MWD4B46XX  
 SAMPLE TIME: 1120

LOCATION ID: MW-4B  
 DATE: 5/22/24  
 START TIME: 1015  
 END TIME: 1120  
 SITE NAME/NUMBER: Al Tech MPA/401003  
 PAGE: 1 OF 1

WELL DIAMETER (INCHES):  1  2  4  6  8  OTHER \_\_\_\_\_

TUBING ID (INCHES):  1/8  1/4  3/8  1/2  5/8  OTHER \_\_\_\_\_

MEASUREMENT POINT (MP):  TOP OF RISER (TOR)  TOP OF CASING (TOC)  OTHER \_\_\_\_\_

INITIAL DTW (BMP): 14.03 FT FINAL DTW (BMP): 15.40 FT PROT. CASING STICKUP (AGS): 2.2 FT TOC/TOR DIFFERENCE: -0.22 FT

WELL DEPTH (BMP): 51.26 FT SCREEN LENGTH: 10 FT PID AMBIENT AIR: \_\_\_\_\_ PPM REFILL TIMER SETTING: \_\_\_\_\_ SEC

WATER COLUMN: 37.23 FT DRAWDOWN VOLUME: -0.225 FT (-0.224 GAL) PID WELL MOUTH: \_\_\_\_\_ PPM DISCHARGE TIMER SETTING: \_\_\_\_\_ SEC

CALCULATED GAL/VOL: 6.11 GAL TOTAL VOL. PURGED: 3.12 GAL DRAWDOWN/TOTAL PURGED: 0.072 PRESSURE TO PUMP: \_\_\_\_\_ PSI

WELL INTEGRITY  
 YES NO N/A  
 CAP     
 CASING     
 LOCKED     
 COLLAR

**FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)**

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1015	BEGIN PURGING									
1020	15.15	140	13.6	0.95	7.31	0.88	3.86	-91.9	—	clear
1025	15.36	140	13.5	0.96	7.30	1.01	4.34	-133.9	—	clear
1030	15.43	200	13.3	0.96	7.30	1.06	2.87	-148.1	—	clear
1035	15.53	200	13.5	0.95	7.28	1.04	4.62	-155.9	—	clear
1040	15.48	200	13.5	0.95	7.26	0.97	5.45	-159.9	—	clear
1045	15.46	200	13.4	0.94	7.26	0.91	1.49	-162.3	—	clear
1050	15.47	200	13.4	0.94	7.25	0.85	3.08	-161.6	—	clear
1055	15.48	200	13.5	0.94	7.26	0.77	2.31	-160.7	—	clear
1100	15.49	200	13.5	0.93	7.27	0.61	4.16	-159.2	—	clear
1105	15.45	200	13.6	0.93	7.26	0.56	3.05	-153.4	—	clear
1110	15.40	200	13.7	0.93	7.26	0.52	2.89	-152.7	—	clear
1115	15.40	200	13.6	0.93	7.26	0.50	3.01	-151.3	—	clear
* SAMPLE MW-4B @ 1120 *										

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF]) 3.0 -150

TEMP.: nearest degree (ex. 10.1 = 10)  
 COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 5.53 = 5.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

**EQUIPMENT DOCUMENTATION**

TYPE OF PUMP:  OTHER: Grout pump

DECON FLUIDS USED:  LIQUINOX  DEIONIZED WATER  POTABLE WATER  NITRIC ACID  OTHER \_\_\_\_\_

TUBING/PUMP/BLADDER MATERIALS:  SILICON TUBING  HDPE TUBING  LDPE TUBING  HDPE TUBING  OTHER \_\_\_\_\_

EQUIPMENT USED:  WL METER: MD15-08  TURB. METER: MD24-36  WQ METER: M200-72  PUMP  FILTERS: NO. \_\_\_\_\_ TYPE \_\_\_\_\_

**ANALYTICAL PARAMETERS**

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
PCBs (low level)	8082A LL	No	4°C	1 X 1L AG	Yes	No	N/A
Select Metals (Total)	6010C/7470A	No	4°C HNO <sub>3</sub>	1 X 250 ml Poly	L	↓	↓
Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO <sub>3</sub>	1 X 250 ml Poly	↓	↓	↓
VOCs	8260C	No	4°C HCl	3 X 40 ml	Yes	No	N/A
SVOCs	8270D	No	4°C	2 X 250 ml AG	↓	↓	↓
TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG	↓	↓	↓
Ammonia	350.1	No	4°C H <sub>2</sub> SO <sub>4</sub>	250 ml Poly	↓	↓	↓
Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly	↓	↓	↓
Nitrate/Nitrite	353.2	No	4°C	125 ml Poly	↓	↓	↓
Hexavalent Chromium	7199	No	4°C	500 ml Poly	↓	↓	↓

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED: YES  NO  NUMBER OF GALLONS GENERATED: 3.8

NO-PURGE METHOD UTILIZED: YES  NO  If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.

**SKETCH/NOTES**

Lincoln Ave  
60 MW-4B  
 See Site Figure  
 Extrusion Building N ←

Sampler Signature: Kristin Hyczek Print Name: Kristin Hyczek  
 Checked By: J. Hyczek Date: 5/22/24



## LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME AI Tech WMA LTM	
PROJECT NUMBER 3616206100.04	
SAMPLE ID 401003WW-401003MWB513XX	SAMPLE TIME 1425

LOCATION ID WW-MW-5	DATE 5/23/24
START TIME 1335	END TIME 1420
SITE NAME/NUMBER AI Tech WMA/401003	PAGE 1 OF 1

WELL DIAMETER (INCHES) <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> OTHER _____	WELL INTEGRITY YES NO N/A CAP <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> CASING <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> LOCKED <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> COLLAR <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
TUBING ID (INCHES) <input checked="" type="checkbox"/> 1/8 <input type="checkbox"/> 1/4 <input type="checkbox"/> 3/8 <input type="checkbox"/> 1/2 <input type="checkbox"/> 5/8 <input type="checkbox"/> OTHER _____	
MEASUREMENT POINT (MP) <input checked="" type="checkbox"/> TOP OF RISER (TOR) <input checked="" type="checkbox"/> TOP OF CASING (TOC) <input type="checkbox"/> OTHER _____	
INITIAL DTW (BMP) <u>9.40</u> FT	FINAL DTW (BMP) <u>9.61</u> FT
PROT. CASING STICKUP (AGS) <u>253</u> FT	TOC/TOR DIFFERENCE <u>-0.24</u> FT
WELL DEPTH (BMP) <u>18.710</u> FT	SCREEN LENGTH <u>10</u> FT
PID AMBIENT AIR _____ PPM	REFILL TIMER SETTING _____ SEC
WATER COLUMN <u>9.310</u> FT	DRAWDOWN VOLUME <u>-0.034</u> GAL
PID WELL MOUTH _____ PPM	DISCHARGE TIMER SETTING _____ SEC
CALCULATED GAL/VOL <u>1.54</u> GAL	TOTAL VOL. PURGED <u>2.34</u> GAL
(column X well diameter squared X 0.041)	(mL per minute X total minutes X 0.00026 gal/mL)
DRAWDOWN/TOTAL PURGED <u>0.0145</u>	PRESSURE TO PUMP _____ PSI

### FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1335	BEGIN PURGING									
1340	9.56	200	12.2	0.84	7.61	2.49	68.9	-120.1	—	clear
1345	9.57	200	11.7	0.83	7.56	1.72	47.6	-130.0	—	clear
1350	9.57	200	11.8	0.83	7.54	1.29	32.8	-136.1	—	clear
1355	9.59	200	11.4	0.84	7.50	1.09	21.4	-139.7	—	clear
1400	9.60	200	11.4	0.83	7.53	1.04	28.5	-141.6	—	clear
1405	9.61	200	11.4	0.84	7.56	0.99	16.6	-144.9	—	clear
1410	9.61	200	11.4	0.84	7.51	0.88	16.6	-147.1	—	clear
1415	9.61	200	11.4	0.84	7.54	0.87	16.9	-147.0	—	clear
1420	9.61	200	11.2	0.84	7.55	0.88	15.4	-149.1	—	clear
1425	* SAMPLE MW-5 @ 1425 *									

### FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures(SF))

11.2     0.84     7.55     0.9     15.4     -150  
11     7.6     0.88

TEMP: nearest degree (ex. 10.1 = 10)  
 COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 5.53 = 5.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

### EQUIPMENT DOCUMENTATION

<b>TYPE OF PUMP</b> <input type="checkbox"/> PERISTALTIC <input type="checkbox"/> SUBMERSIBLE <input type="checkbox"/> BLADDER <input checked="" type="checkbox"/> OTHER <u>Geopump</u>	<b>DECON FLUIDS USED</b> <input type="checkbox"/> LIQUINOX <input type="checkbox"/> DEIONIZED WATER <input type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input checked="" type="checkbox"/> OTHER <u>Dedicated</u>	<b>TUBING/PUMP/BLADDER MATERIALS</b> <input checked="" type="checkbox"/> SILICON TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> LDPE TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> OTHER _____	<b>EQUIPMENT USED</b> <input checked="" type="checkbox"/> WL METER <u>M200-72 Henry</u> <input checked="" type="checkbox"/> TURB. METER <u>M024-36 Hach</u> <input checked="" type="checkbox"/> WQ METER <u>M015-08 YSC</u> <input type="checkbox"/> PUMP <input type="checkbox"/> FILTERS NO _____ TYPE _____
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### ANALYTICAL PARAMETERS

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
<input checked="" type="checkbox"/> PCBs Hardness	8032A-190-LL	No	4°C HNO <sub>3</sub>	1X250 ml Poly	Vec ✓	No	N/A
<input checked="" type="checkbox"/> Select Metals (Total)	6010C/7470A	No	4°C HNO <sub>3</sub>	2X250 ml Poly	Vec ✓	No	N/A
<input checked="" type="checkbox"/> SVOCs Select Metals (Dissolved)	6010C/7470A	Yes ✓	4°C HNO <sub>3</sub>	2X250 ml Poly	Vec ✓	No	N/A
<input checked="" type="checkbox"/> VOCs Fluoride/Sulfate	300-0-28D	No	4°C HCl	60-ml Poly 3x40ml	Vec ✓	No	N/A
<input checked="" type="checkbox"/> TPH Hexavalent Chromium	7100	No	4°C	500-ml Poly	Vec ✓	No	N/A

### PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	NUMBER OF GALLONS GENERATED	<u>205</u>
NO-PURGE METHOD UTILIZED	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.	

### SKETCH/NOTES

PCBs via 8032A  
 SVOCs via 8260D  
 VOCs via 8260C  
 TPH via 8015D  
  
 See Site Figure

Sampler Signature: [Signature] Print Name: Kristin Hyczek

Checked By: [Signature] Date: 5/23/24

**LOW FLOW GROUNDWATER SAMPLING RECORD**

PROJECT NAME Al Tech MPA LTM
PROJECT NUMBER 3616206100.04
SAMPLE ID 401003MWO51054 XX
SAMPLE TIME 5/23/24 1140

LOCATION ID MW-5B	DATE 5/21/24
START TIME 1500	END TIME 5/23/24
SITE NAME/NUMBER Al Tech MPA/401003	PAGE 1 OF 1

WELL DIAMETER (INCHES)  1  2  4  6  8  OTHER \_\_\_\_\_

TUBING ID (INCHES)  1/8  1/4  3/8  1/2  5/8  OTHER \_\_\_\_\_

MEASUREMENT POINT (MP)  TOP OF RISER (TOR)  TOP OF CASING (TOC)  OTHER \_\_\_\_\_

WELL INTEGRITY

YES	NO	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INITIAL DTW (BMP) 10.45 FT	FINAL DTW (BMP) 16.06 FT	PROT. CASING STICKUP (AGS) 2.0 FT	TOC/TOR DIFFERENCE 0.10 FT
WELL DEPTH (BMP) 61.2 FT	SCREEN LENGTH 10 FT	PID AMBIENT AIR PPM	REFILL TIMER SETTING SEC
WATER COLUMN 50.73 FT	DRAWDOWN VOLUME -0.92 GAL	PID WELL MOUTH PPM	DISCHARGE TIMER SETTING SEC
CALCULATED GAL/VOL 8.34 GAL	TOTAL VOL. PURGED 1.95 GAL	DRAWDOWN/TOTAL PURGED 0.47	PRESSURE TO PUMP PSI

**FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)**

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1516	BEGIN PURGING									
1521	32.3	1.6PM	13.4	1.69	8.50	0.81	485	-247		5 Gallons
1526	240.4	1.6PM	13.3	1.68	8.63	0.56	21000	-257		10 Gallons
1537	240.4		13.8	1.71	8.72	0.48	21000	-273		13.5 Gallons
1539	55.9									Grey turbid with hydrogen sulfide odor
5/23/24										
1155	15.14	250	13.5	1.77	8.74	1.77	685	-333.4		grey, odor
1200	15.13	250	13.6	1.76	8.76	0.79	631	-346.9		grey, odor
1205	15.09	250	13.7	1.76	8.75	0.50	634	-353.5		grey, odor
1210	15.25	250	13.3	1.76	8.75	0.37	562	-358.2		grey, odor
1215	15.61	250	13.1	1.75	8.74	0.30	547	-361.8		grey, odor
1220	15.90	250	13.1	1.75	8.74	0.26	577	-363.9		grey, odor
1225	16.06	250	13.2	1.75	8.74	0.24	482	-364.4		grey, odor
	FINISH 30 MIN LOW FLOW PURGE w/ WQ READINGS									

**FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures(SF))**

13      1.75      N/A      8.7      0.2      480      -360

TEMP.: nearest degree (ex. 10.1 = 10)  
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
pH: nearest tenth (ex. 5.53 = 5.5)  
DO: nearest tenth (ex. 3.51 = 3.5)  
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
ORP: 2 SF (44.1 = 44, 191 = 190)

**EQUIPMENT DOCUMENTATION**

TYPE OF PUMP <input type="checkbox"/> PERISTALTIC <input type="checkbox"/> SUBMERSIBLE BLADDER <input checked="" type="checkbox"/> OTHER <u>Grabsump</u>	DECON FLUIDS USED <input type="checkbox"/> LIQUINOX <input type="checkbox"/> DEIONIZED WATER <input type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input type="checkbox"/> OTHER _____	TUBING/PUMP/BLADDER MATERIALS <input checked="" type="checkbox"/> SILICON TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> LDPE TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> OTHER _____	EQUIPMENT USED <input checked="" type="checkbox"/> S. STEEL PUMP MATERIAL <input type="checkbox"/> PVC PUMP MATERIAL <input type="checkbox"/> GEOPROBE SCREEN <input type="checkbox"/> TEFLON BLADDER <input type="checkbox"/> OTHER _____
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**ANALYTICAL PARAMETERS**

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
PCBs (low level)	8082A LL	No	4°C	1 X 1L AG	Yes	No	N/A
Select Metals (Total)	6010C/7470A	No	4°C HNO <sub>3</sub>	1 X 250 ml Poly			
Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO <sub>3</sub>	1 X 250 ml Poly			
VOCs	8260C	No	4°C HCl	3 X 40 ml			
SVOCs	8270D	No	4°C	2 X 250 ml AG			
TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG			
Ammonia	350.1	No	4°C H <sub>2</sub> SO <sub>4</sub>	250 ml Poly			
Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly			
Nitrate/Nitrite	353.2	No	4°C	125 ml Poly			
Hexavalent Chromium	7199	No	4°C	500 ml Poly			

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED  YES  NO

NO-PURGE METHOD UTILIZED  YES  NO

NUMBER OF GALLONS GENERATED 1915 gal (5/23/24)

If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.

**SKETCH/NOTES**

"Dissolved Metals collected - 1 250ml w/ Nitric Acid

Sampler Signature: [Signature] Print Name: Kristin Ibyczko

Checked By: [Signature] Date: 5/23/24

See Site Figure well pump purged on 5/21/24; Grab Sample taken on 5/23/24 @ 1140;



Well Purged and WQ Readings Taken for 30 min post sampling

# LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME AI Tech WMA LTM	
PROJECT NUMBER 3616206100.04	
SAMPLE ID 401003WAW 401003MWO612XX	SAMPLE TIME 0949

LOCATION ID MW-6	DATE 5/23/24
START TIME 0834	END TIME 0944
SITE NAME/NUMBER AI Tech WMA/401003	PAGE 1 OF 1

WELL DIAMETER (INCHES)  1  2  4  6  8  OTHER \_\_\_\_\_

TUBING ID (INCHES)  1/8  1/4  3/8  1/2  5/8  OTHER \_\_\_\_\_

MEASUREMENT POINT (MP)  TOP OF RISER (TOR)  TOP OF CASING (TOC)  OTHER \_\_\_\_\_

WELL INTEGRITY

YES	NO	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INITIAL DTW (BMP) <u>10.93</u> FT	FINAL DTW (BMP) <u>10.99</u> FT	PROT. CASING STICKUP (AGS) <u>2.1</u> FT	TOC/TOR DIFFERENCE <u>0.15</u> FT
WELL DEPTH (BMP) <u>18.40</u> FT	SCREEN LENGTH <u>10</u> FT	PID AMBIENT AIR _____ PPM	REFILL TIMER SETTING _____ SEC
WATER COLUMN <u>7.47</u> FT	DRAWDOWN VOLUME (initial DTW - final DTW X well diam. squared X 0.041) <u>-0.0098</u> GAL	PID WELL MOUTH _____ PPM	DISCHARGE TIMER SETTING _____ SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041) <u>1.23</u> GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL) <u>3.64</u> GAL	DRAWDOWN/TOTAL PURGED <u>0.0027</u>	PRESSURE TO PUMP _____ PSI

**FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)**

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
<b>BEGIN PURGING</b>										
0834										
0839	10.98	200	12.4	1.10	7.11	2.60	10.4	-157.0	—	clear
0844	10.95	150	12.4	1.09	7.10	1.53	8.02	-163.0	—	clear, odor
0849	10.98	150	12.3	1.09	7.10	4.99 (4.99)	5.50	-165.2	—	clear, odor
0854	10.98	150	12.4	1.09	7.10	3.81 (3.81)	8.74	-165.9	—	clear, odor (slight)
0859	10.98	150	12.4	1.09	7.09	1.26	7.57	-166.6	—	clear
0904	10.98	150	12.2	1.09	7.10	1.14	8.03	-166.6	—	clear
0909	10.98	200	12.4	1.08	7.09	1.01	7.99	-166.7	—	clear
0914	10.98	200	12.3	1.08	7.09	0.93	3.53	-165.8	—	clear, slight odor
0919	10.97	200	12.4	1.08	7.09	0.90	5.61	-165.6	—	clear, slight odor
0924	10.97	200	12.3	1.08	7.09	0.79	6.08	-165.4	—	clear, odor
0929	10.98	200	12.3	1.08	7.09	0.75	3.49	-165.7	—	clear, odor
0934	10.99	200	12.2	1.07	7.08	0.71	5.88	-164.4	—	clear, odor
0939	10.99	200	12.4	1.08	7.09	0.74	6.08	-164.4	—	clear, odor
0944	10.99	200	12.4	1.08	7.09	0.75	5.37	-163.1	—	clear, odor
* SAMPLE MW-6 @ 0949*										

**FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures(SF))**

DTW (FT)	12.4
SP. CONDUCTANCE (mS/cm)	1.08
pH (units)	7.1
DISS. O <sub>2</sub> (mg/L)	0.75
TURBIDITY (ntu)	5.37
REDOX (mv)	-160

TEMP: nearest degree (ex. 10.1 = 10)  
 COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 5.53 = 5.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

**EQUIPMENT DOCUMENTATION**

<p>TYPE OF PUMP</p> <input type="checkbox"/> PERISTALTIC <input type="checkbox"/> SUBMERSIBLE <input type="checkbox"/> BLADDER <input checked="" type="checkbox"/> OTHER <u>Geopump</u>	<p>DECON FLUIDS USED</p> <input type="checkbox"/> LIQUINOX <input type="checkbox"/> DEIONIZED WATER <input type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input type="checkbox"/> OTHER	<p>TUBING/PUMP/BLADDER MATERIALS</p> <input checked="" type="checkbox"/> SILICON TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> LDPE TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> OTHER	<p>EQUIPMENT USED</p> <input checked="" type="checkbox"/> S. STEEL PUMP MATERIAL <input type="checkbox"/> PVC PUMP MATERIAL <input type="checkbox"/> GEOPROBE SCREEN <input type="checkbox"/> TEFLON BLADDER <input type="checkbox"/> OTHER	<p>WL METER <u>M200-72</u>                  TURB METER <u>M074-36</u>                  WQ METER <u>M015-08</u>                  PUMP _____                  FILTERS NO. _____ TYPE _____</p>
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**ANALYTICAL PARAMETERS**

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
<input checked="" type="checkbox"/> PCBs	8032A 100+LL	No	4°C	2x125 mL	Yes	✓	N/A
<input checked="" type="checkbox"/> Select Metals (Total)	6010C/7470A	No	4°C HNO <sub>3</sub>	1X250 mL Poly	Yes	✓	N/A
<input checked="" type="checkbox"/> VOCs	8060C 6010C/7470A	Yes	4°C HNO <sub>3</sub> /HCl	1X250 mL Poly	3x10 mL	✓	N/A
<input checked="" type="checkbox"/> SVOCs	8270C 300-0-28D	No	4°C	60 mL Poly	2x250 mL AG	✓	N/A
<input checked="" type="checkbox"/> TPH	8015D 7499	No	4°C	500 mL Poly	2x250 mL AG	✓	N/A

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED  YES  NO

NO-PURGE METHOD UTILIZED  YES  NO

NUMBER OF GALLONS GENERATED 4.0

If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.

**SKETCH/NOTES**

VOCs, SVOCs, TPH & PCBs collected as well

VOCs via 8260C PCBs via 8032A

SVOCs via 8260D TPH via 8015D

See Site Figure for Well Location

Sampler Signature: [Signature] Print Name: Kristin Hyczo

Checked By: [Signature] Date: 5/23/24



# LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME AI Tech MPA LTM	
PROJECT NUMBER 3616206100.04	
SAMPLE ID 4010030MWD06359XX	SAMPLE TIME 1603

LOCATION ID MW-6B	DATE 5/22/24
START TIME 1513	END TIME 1603
SITE NAME/NUMBER AI Tech MPA/401003	PAGE 1 OF 1

WELL DIAMETER (INCHES) <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> OTHER _____	WELL INTEGRITY YES NO N/A CAP <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> CASING <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> LOCKED <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> COLLAR <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
TUBING ID (INCHES) <input checked="" type="checkbox"/> 1/8 <input type="checkbox"/> 1/4 <input type="checkbox"/> 3/8 <input type="checkbox"/> 1/2 <input type="checkbox"/> 5/8 <input type="checkbox"/> OTHER _____	
MEASUREMENT POINT (MP) <input checked="" type="checkbox"/> TOP OF RISER (TOR) <input checked="" type="checkbox"/> TOP OF CASING (TOC) <input type="checkbox"/> OTHER _____	
INITIAL DTW (BMP) <u>11.69</u> FT	FINAL DTW (BMP) <u>12.45</u> FT
PROT. CASING STICKUP (AGS) <u>1.69</u> FT	TOC/TOR DIFFERENCE <u>0.27</u> FT
WELL DEPTH (BMP) <u>65.54</u> FT	SCREEN LENGTH <u>unk.</u> FT
PID AMBIENT AIR _____ PPM	REFILL TIMER SETTING _____ SEC
WATER COLUMN <u>53.05</u> FT	DRAWDOWN VOLUME (initial DTW - final DTW X well diam. squared X 0.041) <u>-0.125</u> GAL
PID WELL MOUTH _____ PPM	DISCHARGE TIMER SETTING _____ SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041) <u>8.03</u> GAL	TOTAL VOL. PURGED <u>2.34</u> GAL
	DRAWDOWN/TOTAL PURGED <u>0.053</u>
	PRESSURE TO PUMP _____ PSI

**FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)**

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1513	BEGIN PURGING									
1518	12.42	120	15.9	1.26	8.52	0.91	3.44	-215.7	—	clear, slight odor
1523	12.40	120	15.7	1.26	8.58	0.55	2.20	-235.7	—	clear, slight odor
1528	12.44	120	15.5	1.27	8.42	0.44	0.79	-232.4	—	clear, slight odor
1533	12.49	200	15.1	1.28	8.00	0.43	0.68	-219.1	—	clear, slight odor
1538	12.48	200	15.3	1.29	7.80	0.49	0.49	-212.4	—	clear, slight odor
1543	12.51	200	15.4	1.29	7.71	0.56	0.48	-208.6	—	clear, slight odor
1548	12.51	200	15.2	1.31	7.05	0.61	0.45	-205.8	—	clear, slight odor
1553	12.53	200	15.5	1.31	7.57	0.61	0.97	-204.4	—	clear, slight odor
1558	12.45	200	15.5	1.32	7.55	0.60	1.05	-204.3	—	clear, slight odor
1603	* SAMPLE MW-6B @ 1603 *									

**FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures(SF))**

15.5  
1.32  
7.55  
0.60  
1.1  
-200  
1.05  
-204.3

TEMP: nearest degree (ex. 10.1 = 10)  
COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
pH: nearest tenth (ex. 5.53 = 5.5)  
DO: nearest tenth (ex. 3.51 = 3.5)  
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
ORP: 2 SF (44.1 = 44, 191 = 190)

**EQUIPMENT DOCUMENTATION**

<p>TYPE OF PUMP</p> <input type="checkbox"/> PERISTALTIC <input type="checkbox"/> SUBMERSIBLE <input type="checkbox"/> BLADDER <input checked="" type="checkbox"/> OTHER <u>6.4 pump</u>	<p>DECON FLUIDS USED</p> <input type="checkbox"/> LIQUINOX <input type="checkbox"/> DEIONIZED WATER <input type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input checked="" type="checkbox"/> OTHER <u>Dechlor</u>	<p>TUBING/PUMP/BLADDER MATERIALS</p> <input checked="" type="checkbox"/> SILICON TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> LDPE TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> OTHER _____	<p>EQUIPMENT USED</p> <input checked="" type="checkbox"/> S. STEEL PUMP MATERIAL <input type="checkbox"/> PVC PUMP MATERIAL <input type="checkbox"/> GEOPROBE SCREEN <input type="checkbox"/> TEFLON BLADDER <input type="checkbox"/> OTHER _____	<p>WL METER <u>MDS-08 Benon</u>          TURB. METER <u>MDS-310 Htech 2102</u>          WQ METER <u>M200-77-4ST</u>          PUMP _____          FILTERS NO. _____ TYPE _____</p>
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**ANALYTICAL PARAMETERS**

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
PCBs (low level)	8082A LL	No	4°C	1 X 1L AG	Yes	No	N/A
Select Metals (Total)	6010C/7470A	No	4°C HNO3	1 X 250 ml Poly	↓	↓	N/A
Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO3	1 X 250 ml Poly	↓	↓	N/A
VOCs	8260C	No	4°C HCl	3 X 40 ml	Yes	No	N/A
SVOCs	8270D	No	4°C	2 X 250 ml AG	↓	↓	N/A
TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG	↓	↓	N/A
Ammonia	350.1	No	4°C H2SO4	250 ml Poly			
Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly			
Nitrate/Nitrite	353.2	No	4°C	125 ml Poly			
Hexavalent Chromium	7199	No	4°C	500 ml Poly			

**PURGE OBSERVATIONS**

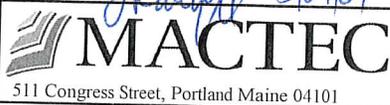
PURGE WATER CONTAINERIZED	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	NUMBER OF GALLONS GENERATED <u>2.34</u>
NO-PURGE METHOD UTILIZED	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

**SKETCH/NOTES**

See Site Figure

Sampler Signature: [Signature] Print Name: Kristin Myzko

Checked By: [Signature] Date: 5/22/24



# LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME Al Tech MPA LTM	
PROJECT NUMBER 3616206100.04	
SAMPLE ID 401003 MW 08B 35XX 401003 MW 08B 35XX	SAMPLE TIME 11:05

LOCATION ID MW-8B	DATE 05/21/2024
START TIME 08:00	END TIME 12:00
SITE NAME/NUMBER Al Tech MPA/401003	PAGE 1 OF 1

WELL DIAMETER (INCHES)  1  2  4  6  8  OTHER \_\_\_\_\_

TUBING ID (INCHES)  1/8  3/8  1/2  5/8  OTHER \_\_\_\_\_

MEASUREMENT POINT (MP)  TOP OF RISER (TOR)  TOP OF CASING (FOC)  OTHER \_\_\_\_\_

WELL INTEGRITY

YES	NO	N/A
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

INITIAL DTW (BMP) <u>18.41</u> FT	FINAL DTW (BMP) <u>25.37</u> FT	PROT. CASING STICKUP (AGS) <u>3.2</u> FT	TOC/TOR DIFFERENCE <u>0.59</u> FT
WELL DEPTH (BMP) <u>45.40</u> FT	SCREEN LENGTH _____ FT	PID AMBIENT AIR _____ PPM	REFILL TIMER SETTING <u>17</u> SEC
WATER COLUMN <u>26.99</u> FT	DRAWDOWN VOLUME <u>1.141</u> GAL	PID WELL MOUTH _____ PPM	DISCHARGE TIMER SETTING <u>3</u> SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041) <u>4.426</u> GAL	TOTAL VOL. PURGED <u>2.730</u> GAL	DRAWDOWN/TOTAL PURGED <u>0.4179</u>	PRESSURE TO PUMP <u>25</u> PSI

**FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)**

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
08:59	<b>BEGIN PURGING</b>									
09:09	20.20	75	13.86	2.050	7.17	1.05	1.64	-92.4	~44"	
09:19	20.61	75	14.13	1.987	7.11	1.07	10.1	-94.9		
09:29	20.93	75	14.23	1.935	7.08	1.22	7.17	-96.0		
09:39	21.15	75	14.47	1.900	7.07	1.79	4.61	-96.9		
09:49	21.40	75	14.44	1.869	7.07	2.62	2.34	-95.8		
09:59	21.55	75	14.64	1.847	7.08	2.49	2.07	-96.8		
10:09	21.72	75	15.06	1.826	7.09	2.18	1.60	-106.3		
10:19	21.85	75	15.44	1.800	7.10	1.52	1.46	-108.5		
10:29	21.90	75	15.68	1.776	7.11	1.36	1.13	-111.9		
10:34	21.92	75	15.84	1.764	7.12	1.32	1.31	-116.6		
10:39	21.92	75	16.00	1.750	7.13	1.35	1.33	-115.9		
10:44	21.92	75	16.20	1.739	7.14	1.40	1.07	-117.8		
10:49	21.93	75	16.25	1.728	7.15	1.41	1.35	-119.8		
10:54	21.95	75	16.27	1.716	7.16	1.53	1.35	-120.9		
10:59	21.97	75	16.38	1.708	7.16	1.54	1.35	-122.5		
	<b>FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures(SF))</b>									
	16	1.71	7.2	1.5	1.3	-120				

TEMP.: nearest degree (ex. 10.1 = 10)  
 COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 5.53 = 5.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

**EQUIPMENT DOCUMENTATION**

<p>TYPE OF PUMP</p> <input checked="" type="checkbox"/> PERISTALTIC SUBMERSIBLE BLADDER <input type="checkbox"/> OTHER <u>Geopump</u>	<p>DECON FLUIDS USED</p> <input type="checkbox"/> LIQUINOX <input type="checkbox"/> DEIONIZED WATER <input type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input type="checkbox"/> OTHER _____	<p>TUBING/PUMP/BLADDER MATERIALS</p> <input type="checkbox"/> SILICON TUBING <input type="checkbox"/> HDPE TUBING <input checked="" type="checkbox"/> LDPE TUBING <input type="checkbox"/> HDPE TUBING <input checked="" type="checkbox"/> OTHER <u>316 SS</u>	<p>EQUIPMENT USED</p> <input checked="" type="checkbox"/> WL METER <u>Hera</u> <input checked="" type="checkbox"/> TURB. METER <u>Hydra 2102A</u> <input checked="" type="checkbox"/> WQ METER <u>YSI</u> <input checked="" type="checkbox"/> PUMP <u>Geopump</u> <input type="checkbox"/> FILTERS NO. _____ TYPE _____
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**ANALYTICAL PARAMETERS**

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
PCBs (low level)	8082A LL	No	4°C	1 X 1L AG	<input checked="" type="checkbox"/>	none	
Select Metals (Total)	6010C/7470A	No	4°C HNO3	1X250 ml Poly	<input checked="" type="checkbox"/>	none	
Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO3	1X250 ml Poly	<input checked="" type="checkbox"/>	none	
VOCs	8260C	No	4°C HCl	3 X 40 ml	<input checked="" type="checkbox"/>	none	
SVOCs	8270D	No	4°C	2 X 250 ml AG	<input checked="" type="checkbox"/>	none	
TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG	<input checked="" type="checkbox"/>	none	
Ammonia	350.1	No	4°C H2SO4	250 ml Poly	<input checked="" type="checkbox"/>	none	
Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly	<input checked="" type="checkbox"/>	none	
Nitrate/Nitrite	353.2	No	4°C	125 ml Poly	<input checked="" type="checkbox"/>	none	
Hexavalent Chromium	7199	No	4°C	500 ml Poly	<input checked="" type="checkbox"/>	none	

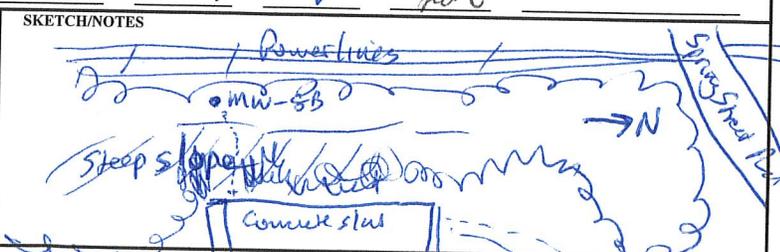
**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO

NO-PURGE METHOD UTILIZED YES  NO

NUMBER OF GALLONS GENERATED 2.7

If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.



Sampler Signature: [Signature] Print Name: Lucas Gardner

Checked By: [Signature] Date: 5/29/24



# LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME: Al Tech MPA LTM  
 PROJECT NUMBER: 3616206100.04  
 SAMPLE ID: 401003 MW1111KX  
 SAMPLE TIME: 1355

LOCATION ID: MW-11  
 DATE: 5/22/24  
 START TIME: 1246  
 END TIME: 1355  
 SITE NAME/NUMBER: Al Tech MPA/401003  
 PAGE: 1 OF 1

WELL DIAMETER (INCHES):  1  2  4  6  8  
 TUBING ID (INCHES):  1/8  1/4  3/8  1/2  5/8  
 MEASUREMENT POINT (MP):  TOP OF RISER (TOR)  TOP OF CASING (TOC)

WELL INTEGRITY  
 YES NO N/A  
 CAP: / / /  
 CASING LOCKED: / / /  
 COLLAR: / / /

INITIAL DTW (BMP): 8.43 FT  
 FINAL DTW (BMP): 9.37 FT  
 WELL DEPTH (BMP): 15.04 FT  
 SCREEN LENGTH: unk. FT  
 WATER COLUMN: 7.21 FT  
 DRAWDOWN VOLUME (initial DTW - final DTW X well diam. squared X 0.041): -0.154 GAL  
 CALCULATED GAL/VOL (column X well diameter squared X 0.041): 1.18 GAL  
 PURGED: 3.04 GAL  
 PROT. CASING STICKUP (AGS): 1.9 FT  
 PID AMBIENT AIR: — PPM  
 PID WELL MOUTH: — PPM  
 DRAWDOWN/TOTAL PURGED: 0.042  
 TOCTOR DIFFERENCE: 0.56 FT  
 REFILL TIMER SETTING: — SEC  
 DISCHARGE TIMER SETTING: — SEC  
 PRESSURE TO PUMP: — PSI

**FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)**

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1240	BEGIN PURGING									
1245	8.89	150	15.1	0.583	7.02	16.66	2.25	113.8		clear
1250	9.02	150	15.0	0.586	7.01	2.10	1.40	92.7		clear
1255	9.11	200	14.6	0.609	7.04	1.50	0.35	78.7		clear
1300	9.17	200	14.8	0.82	7.18	1.25	2.23	-26.5		clear
1305	9.21	200	14.7	0.99	7.48	0.78	2.73	-136.7		clear
1310	9.26	200	14.9	1.00	7.48	0.72	4.57	-138.8		clear
1315	9.31	200	14.5	1.00	7.49	0.70	4.29	-136.2		clear
1320	9.35	200	14.7	1.00	7.50	0.71	2.40	-134.8		clear
1325	9.36	200	14.6	1.01	7.53	0.58	3.35	-136.5		clear
1330	9.42	200	14.6	1.00	7.54	0.62	3.96	-130.0		clear, odor
1335	9.44	200	14.8	1.00	7.46	0.62	2.04	-129.6		clear, slight odor
1340	9.42	200	14.8	1.01	7.55	0.54	2.94	-126.2		clear, odor
1345	9.44	200	14.7	1.01	7.55	0.44	2.72	-124.7		clear, odor
1350	9.37	200	15.0	1.01	7.56	0.46	3.07	-130.6		clear, odor

**FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])**

15.0    1.01    7.56    0.46    3.1    -130

TEMP: nearest degree (ex. 10.1 = 10)  
 COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 5.53 = 5.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

**EQUIPMENT DOCUMENTATION**

TYPE OF PUMP:  OTHER: Diaphragm

DECON FLUIDS USED:  LIQUINOX  DEIONIZED WATER  POTABLE WATER  NITRIC ACID  OTHER: Dedicated

TUBING/PUMP/BLADDER MATERIALS:  SILICON TUBING  HDPE TUBING  LDPE TUBING  HDPE TUBING  OTHER: \_\_\_\_\_

S. STEEL PUMP MATERIAL:  PVC PUMP MATERIAL:  GEOPROBE SCREEN:  TEFLON BLADDER:  OTHER: \_\_\_\_\_

EQUIPMENT USED:  WL METER: M015-08 Heron  TURB. METER: M024-361 Heron  WQ METER: M200-72-151  PUMP: \_\_\_\_\_  FILTERS: NO. \_\_\_\_\_ TYPE \_\_\_\_\_

**ANALYTICAL PARAMETERS**

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
PCBs (low level)	8082A LL	No	4°C	1 X 1L AG	Yes	No	N/A
Select Metals (Total)	6010C/7470A	No	4°C HNO3	1 X 250 ml Poly	Yes	No	N/A
Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO3	1 X 250 ml Poly	Yes	No	N/A
VOCs	8260C	No	4°C HCl	3 X 40 ml			
SVOCs	8270D	No	4°C	2 X 250 ml AG			
TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG			
Ammonia	350.1	No	4°C H2SO4	250 ml Poly			
Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly			
Nitrate/Nitrite	353.2	No	4°C	125 ml Poly			
Hexavalent Chromium	7199	No	4°C	500 ml Poly			

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED: YES  NO   
 NO-PURGE METHOD UTILIZED: YES  NO   
 NUMBER OF GALLONS GENERATED: 3.5  
 If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.

**SKETCH/NOTES**

\* MW-11 sampled @ 1355 \*  
 See Site Figure  
 slight fuel odor.

Sampler Signature: Kristin Hertzog Print Name: Kristin Hertzog  
 Checked By: Jennifer Starob Date: 5/22/24



511 Congress Street, Portland Maine 04101

# LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME AI Tech MPA LTM	
PROJECT NUMBER 3616206100.04	
SAMPLE ID 201003 MW1211XX	SAMPLE TIME 1540

LOCATION ID MW-12	DATE 5.22.24
START TIME 1430	END TIME 1540
SITE NAME/NUMBER AI Tech MPA/401003	PAGE 1 OF 1

WELL DIAMETER (INCHES)  1  2  4  6  8

TUBING ID (INCHES)  1/8  1/4  3/8  1/2  5/8

MEASUREMENT POINT (MP)  TOP OF RISER (TOR)  TOP OF CASING (TOC)  OTHER

OTHER flush mount

OTHER flush mount

OTHER flush mount

WELL INTEGRITY

YES	NO	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INITIAL DTW (BMP) 7.10 FT FINAL DTW (BMP) 9.04 FT

WELL DEPTH (BMP) 17.10 FT SCREEN LENGTH Unknown FT

WATER COLUMN 10.00 FT DRAWDOWN VOLUME 0.31 GAL

CALCULATED GAL/VOL 1.6 GAL TOTAL VOL. PURGED 23.4 GAL

(column X well diameter squared X 0.041) (mL per minute X total minutes X 0.00026 gal/mL)

PROT. CASING STICKUP (AGS) 1/2 FT

PID AMBIENT AIR            PPM

PID WELL MOUTH            PPM

DRAWDOWN/TOTAL PURGED 109

TOC/TOR DIFFERENCE 0.65 FT

REFILL TIMER SETTING            SEC

DISCHARGE TIMER SETTING            SEC

PRESSURE TO PUMP            PSI

**FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)**

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1420										
<b>BEGIN PURGING</b>										
1430	10.8	~250	13.05	0.504	6.59	1.48	270	43.4	-	↓flow-very
1440	9.96	~150	14.72	0.481	6.79	1.18	251	29.2	-	turbid
1500	9.57	~150	15.18	0.425	6.95	1.43	190	43.1	-	purged all flow
1515	9.1	~150	14.57	0.482	6.71	2.46	92.2	38.1	-	cell to ok
1525	9.00	~150	14.85	0.481	6.79	2.17	55.1	33.1	-	due to higher turbidity
1530	9.07	~150	15.18	0.478	6.80	1.89	38.3	32	-	
1535	9.03	~150	14.88	0.483	6.77	1.80	35.1	31.3	-	
1540	9.04	~150	14.81	0.482	6.77	1.94	34.9	33.0	-	

**FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])**

15    0.482    6.8    1.9    35    34

TEMP: nearest degree (ex. 10.1 = 10)  
 COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 5.53 = 5.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

**EQUIPMENT DOCUMENTATION**

TYPE OF PUMP <input checked="" type="checkbox"/> PERISTALTIC <input type="checkbox"/> SUBMERSIBLE <input type="checkbox"/> BLADDER <input type="checkbox"/> OTHER <u>Geopump</u>	DECON FLUIDS USED <input type="checkbox"/> LIQUINOX <input type="checkbox"/> DEIONIZED WATER <input type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input checked="" type="checkbox"/> OTHER <u>Dedicated</u>	TUBING/PUMP/BLADDER MATERIALS <input checked="" type="checkbox"/> SILICON TUBING <input type="checkbox"/> HDPE TUBING <input checked="" type="checkbox"/> LDPE TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> OTHER	EQUIPMENT USED <input checked="" type="checkbox"/> S. STEEL PUMP MATERIAL <input type="checkbox"/> PVC PUMP MATERIAL <input type="checkbox"/> GEOPROBE SCREEN <input type="checkbox"/> TEFLON BLADDER <input type="checkbox"/> OTHER
--	--	--	---

**ANALYTICAL PARAMETERS**

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
PCBs (low level)	8082A LL	No	4°C	1 X 1L AG	yes	no	
Select Metals (Total)	6010C/7470A	No	4°C HNO <sub>3</sub>	1 X 250 ml Poly	yes	no	
Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO <sub>3</sub>	1 X 250 ml Poly	yes	no	
VOCs	8260C	No	4°C HCl	3 X 40 ml			
SVOCs	8270D	No	4°C	2 X 250 ml AG			
TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG			
Ammonia	350.1	No	4°C H <sub>2</sub> SO <sub>4</sub>	250 ml Poly			
Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly			
Nitrate/Nitrite	353.2	No	4°C	125 ml Poly			
Hexavalent Chromium	7199	No	4°C	500 ml Poly			

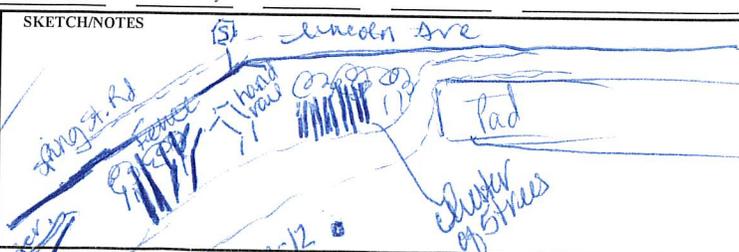
**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO

NO-PURGE METHOD UTILIZED YES  NO

NUMBER OF GALLONS GENERATED 3.4

If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.



Sampler Signature: Becky Connors Print Name: Becky Connors

Checked By: [Signature] Date: 5/29/24



**LOW FLOW GROUNDWATER SAMPLING RECORD**

PROJECT NAME AI Tech MPA LTM	
PROJECT NUMBER 3616206100.04	
SAMPLE ID 401003mw 507X	SAMPLE TIME 1100

LOCATION ID MW-15	DATE 5.21.24
START TIME 0935	END TIME 1100
SITE NAME/NUMBER AI Tech MPA/401003	PAGE 1 OF 1

WELL DIAMETER (INCHES)  1  2  4  6  8  OTHER \_\_\_\_\_

TUBING ID (INCHES)  1/8  1/4  3/8  1/2  5/8  OTHER \_\_\_\_\_

MEASUREMENT POINT (MP)  TOP OF RISER (TOR)  TOP OF CASING (TOC)  OTHER \_\_\_\_\_

WELL INTEGRITY

YES	NO	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INITIAL DTW (BMP) 3.91 FT	FINAL DTW (BMP) 7.25 FT	PROT. CASING STICKUP (AGS) 2.2 FT	TOC/TOR DIFFERENCE 0.65 FT
WELL DEPTH (BMP) TOC 11.72 FT	SCREEN LENGTH unk FT	PID AMBIENT AIR PPM	REFILL TIMER SETTING SEC
WATER COLUMN 7.8 FT	DRAWDOWN VOLUME 0.53 GAL	PID WELL MOUTH PPM	DISCHARGE TIMER SETTING SEC
CALCULATED GAL/VOL 1.25 GAL	TOTAL VOL. PURGED 2.43 GAL	DRAWDOWN/TOTAL PURGED 0.22	PRESSURE TO PUMP PSI

TIME	DTW (FT)	PURGE RATE	TEMP. (°C)	SP. CONDUCTANCE	pH (units)	DISS. O <sub>2</sub> (mg/L)	TURBIDITY (ntu)	REDOX (mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
935							250	ORP		
945	3.91	~140 ml/min	13.62	2.23	6.44	3.27	37.5	49.8	-	~160ml/min
955	5.43	150	13.94	2.229	6.47	2.75	26.3	48.2	-	
1005	7.32	~140	14.63	2.224	6.49	1.91	15.3	47.1	-	↓ flow
1010	7.39	~100	15.16	2.227	6.50	1.12	6.5	45.2	-	↓ flow
1015	7.22	~95 ml	15.39	2.227	6.51	1.14	6.4	44.7	-	
1030	7.22	~80 ml	15.63	2.229	6.51	1.24	4.54	45.2	-	Well stabilized
1035	7.24	~80	15.50	2.224	6.51	1.23	5.50	46.3	-	Must wait 4 hr
1106	7.25	~80 ml	15.21	2.222	6.49	1.19	5.92	48.8	-	via due to hexachrom analysis.

**FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures(SF))**

15.21    2.222    6.5    1.2    5.9    49

TEMP.: nearest degree (ex. 10.1 = 10)  
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
pH: nearest tenth (ex. 5.53 = 5.5)  
DO: nearest tenth (ex. 3.51 = 3.5)  
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION	
TYPE OF PUMP <input checked="" type="checkbox"/> PERISTALTIC <input type="checkbox"/> SUBMERSIBLE <input type="checkbox"/> BLADDER <input type="checkbox"/> OTHER <u>Geopump</u>	DECON FLUIDS USED <input type="checkbox"/> LIQUINOX <input type="checkbox"/> DEIONIZED WATER <input type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input checked="" type="checkbox"/> OTHER <u>Dedicated</u>
TUBING/PUMP/BLADDER MATERIALS <input checked="" type="checkbox"/> SILICON TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> LDPE TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> OTHER	EQUIPMENT USED <input checked="" type="checkbox"/> S. STEEL PUMP MATERIAL <input checked="" type="checkbox"/> PVC PUMP MATERIAL <input checked="" type="checkbox"/> GEOPROBE SCREEN <input type="checkbox"/> TEFLON BLADDER <input type="checkbox"/> OTHER
WELLS <input checked="" type="checkbox"/> WL METER <u>Heron</u> <input checked="" type="checkbox"/> TURB. METER <u>HACH 2100C MW24-42</u> <input checked="" type="checkbox"/> WQ METER <u>YSE MW15-14</u> <input type="checkbox"/> PUMP <input type="checkbox"/> FILTERS NO. <input checked="" type="checkbox"/> TYPE	

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
PCBs (low level)	8082A LL	No	4°C	1 X 1L AG	<input checked="" type="checkbox"/>		
Select Metals (Total)	6010C/7470A	No	4°C HNO <sub>3</sub>	1X250 ml Poly	<input checked="" type="checkbox"/>		
Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO <sub>3</sub>	1X250 ml Poly	<input checked="" type="checkbox"/>		
VOCs	8260C	No	4°C HCl	3 X 40 ml	<input checked="" type="checkbox"/>		
SVOcs	8270D	No	4°C	2 X 250 ml AG	<input checked="" type="checkbox"/>		
TPH <u>DRO</u>	8015D (DRO MOD)	No	4°C	2 X 250 ml AG	<input checked="" type="checkbox"/>		
Ammonia	350.1	No	4°C H <sub>2</sub> SO <sub>4</sub>	250 ml Poly	<input checked="" type="checkbox"/>		
Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly	<input checked="" type="checkbox"/>		
Nitrate/Nitrite	353.2	No	4°C	125 ml Poly	<input checked="" type="checkbox"/>		
Hexavalent Chromium	7199	No	4°C	500 ml Poly	<input checked="" type="checkbox"/>		

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES  NO

NO-PURGE METHOD UTILIZED YES  NO

NUMBER OF GALLONS GENERATED 2.4 gal

If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.

SKETCH/NOTES

See site map

Spring Street Road

74°C One/cast.

Sampler Signature: B. Connolly Print Name: Becky Connolly

Checked By: J. Ruffalo 5/24/24 Date: 5.21.24

**MACTEC**

511 Congress Street, Portland Maine 04101

FIGURE 4.17  
LOW FLOW GROUNDWATER SAMPLING RECORD  
NYSDEC QUALITY ASSURANCE PROJECT PLAN

# LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME Al Tech MPA LTM	
PROJECT NUMBER 3616206100.04	
SAMPLE ID 401003MW1707KX	SAMPLE TIME 1100

LOCATION ID MW-17	DATE 5/21/2024
START TIME 0924	END TIME 1100
SITE NAME/NUMBER Al Tech MPA/401003	PAGE 1 OF 1

WELL DIAMETER (INCHES) <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> OTHER _____	WELL INTEGRITY YES NO N/A CAP <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> CASING <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> LOCKED <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> COLLAR <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
TUBING ID (INCHES) <input checked="" type="checkbox"/> 1/8 <input type="checkbox"/> 1/4 <input type="checkbox"/> 3/8 <input type="checkbox"/> 1/2 <input type="checkbox"/> 5/8 <input type="checkbox"/> OTHER _____	TOC/TOR DIFFERENCE <input type="checkbox"/> 0.17 FT
MEASUREMENT POINT (MP) <input checked="" type="checkbox"/> TOP OF RISER (TOR) <input type="checkbox"/> TOP OF CASING (TOC) <input type="checkbox"/> OTHER _____	REFILL TIMER SETTING <input type="checkbox"/> N/A SEC
INITIAL DTW (BMP) <input type="checkbox"/> 4.71 FT	FINAL DTW (BMP) <input type="checkbox"/> 7.06 FT
WELL DEPTH (BMP) <input type="checkbox"/> 14.00 FT	SCREEN LENGTH <input type="checkbox"/> 10 FT
WATER COLUMN <input type="checkbox"/> 9.29 FT	DRAWDOWN VOLUME (initial DTW - final DTW X well diam. squared X 0.041) <input type="checkbox"/> -0.385 GAL
CALCULATED GAL/VOL (column X well diameter squared X 0.041) <input type="checkbox"/> 1.52 GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL) <input type="checkbox"/> 4.94 GAL
PROT. CASING STICKUP (AGS) <input type="checkbox"/> N/A FT	PID AMBIENT AIR <input type="checkbox"/> _____ PPM
PID WELL MOUTH <input type="checkbox"/> _____ PPM	DISCHARGE TIMER SETTING <input type="checkbox"/> N/A SEC
DRAWDOWN/TOTAL PURGED <input type="checkbox"/> 0.078	PRESSURE TO PUMP <input type="checkbox"/> N/A PSI

### FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
0924 1124	<b>BEGIN PURGING</b>									
0924 1129	4.98	200	11.4	0.75	7.08	1.20	42.0	187.2	—	clear
0934	5.13	200	11.8	0.75	7.06	1.28	40.8	180.7	—	clear
0934	5.30	200	12.2	0.75	7.11	1.79	54.2	175.4	—	effervescent
0944	5.45	200	12.5	0.75	7.12	1.40	9.69	170.8	—	clear
0949	5.53	200	12.3	0.75	7.08	1.54	6.45	163.0	—	clear
0954	5.61	200	12.3	0.75	7.03	1.64	8.30	160.9	—	turbidity 6.30 / clear
0959	5.68	200	12.2	0.75	6.98	1.72	6.28	157.8	—	clear
1004	WELL	Stabilized - Must wait for 1100 to collect for Cr/6 Analysis								
* MW-17 sampled @ 1100 *										

### FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures(SF))

DTW: 12.2 (SF)    TEMP: 12.2 (SF)    SP. CONDUCTANCE: 0.75 (SF)    pH: 6.91 (SF)    DISS. O<sub>2</sub>: 1.72 (SF)    TURBIDITY: 6.28 (SF)    REDOX: 157.8 (SF)

TEMP.: nearest degree (ex. 10.1 = 10)  
 COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 3.53 = 3.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

### EQUIPMENT DOCUMENTATION

<b>TYPE OF PUMP</b> <input checked="" type="checkbox"/> PERISTALTIC <input type="checkbox"/> SUBMERSIBLE <input type="checkbox"/> BLADDER <input checked="" type="checkbox"/> OTHER: <u>GLP PUMP</u>	<b>DECON FLUIDS USED</b> <input type="checkbox"/> LIQUINOX <input type="checkbox"/> DEIONIZED WATER <input checked="" type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input type="checkbox"/> OTHER	<b>TUBING/PUMP/BLADDER MATERIALS</b> <input checked="" type="checkbox"/> SILICON TUBING <input type="checkbox"/> HDPE TUBING <input checked="" type="checkbox"/> LDPE TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> OTHER	<b>S. STEEL PUMP MATERIAL</b> <input type="checkbox"/> PVC PUMP MATERIAL <input type="checkbox"/> GEOPROBE SCREEN <input type="checkbox"/> TEFLON BLADDER <input type="checkbox"/> OTHER	<b>EQUIPMENT USED</b> <input checked="" type="checkbox"/> WL METER: <u>M200-72 Wern</u> <input checked="" type="checkbox"/> TURB. METER: <u>M024-36 Hach</u> <input checked="" type="checkbox"/> WQ METER: <u>08 YSE</u> <input checked="" type="checkbox"/> PUMP: <u>5008-37</u> <input type="checkbox"/> FILTERS: NO. _____ TYPE _____
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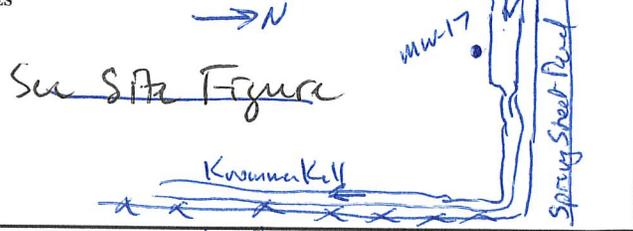
### ANALYTICAL PARAMETERS

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
PCBs (low level)	8082A LL	No	4°C	1 X 1L AG	Yes	No	N/A
Select Metals (Total)	6010C/7470A	No	4°C HNO <sub>3</sub>	1X250 ml Poly	↓	↓	↓
Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO <sub>3</sub>	1X250 ml Poly	↓	↓	↓
VOCs	8260C	No	4°C HCl	3 X 40 ml	Yes	↓	↓
SVOCs	8270D	No	4°C	2 X 250 ml AG	↓	↓	↓
TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG	↓	↓	↓
Ammonia	350.1	No	4°C H <sub>2</sub> SO <sub>4</sub>	250 ml Poly	↓	↓	↓
Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly	↓	↓	↓
Nitrate/Nitrite	353.2	No	4°C	125 ml Poly	↓	↓	↓
Hexavalent Chromium	7199	No	4°C	500 ml Poly	↓	↓	↓

### PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	NUMBER OF GALLONS GENERATED	7.5
NO-PURGE METHOD UTILIZED	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.	

### SKETCH/NOTES



Sampler Signature: *[Signature]* Print Name: Kristin Anzicko

Checked By: *[Signature]* Date: 5/21/24

# MACTEC

511 Congress Street, Portland Maine 04101

# LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME Al Tech MPA LTM	
PROJECT NUMBER 3616206100.04	
SAMPLE ID 4010030Mw1813XX	SAMPLE TIME 10:30

LOCATION ID mw-18	DATE 05/22/2024
START TIME 0830	END TIME 1105
SITE NAME/NUMBER Al Tech MPA/401003	PAGE 1 OF 1

WELL DIAMETER (INCHES)  1  2  4  6  8  OTHER \_\_\_\_\_

TUBING ID (INCHES)  1/8  1/4  3/8  1/2  5/8  OTHER \_\_\_\_\_

MEASUREMENT POINT (MP)  TOP OF RISER (TOR)  TOP OF CASING (TOC)  OTHER \_\_\_\_\_

WELL INTEGRITY

YES	NO	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INITIAL DTW (BMP) <u>8.02</u> FT	FINAL DTW (BMP) <u>8.88</u> FT	PROT. CASING STICKUP (AGS) <u>1.42</u> FT	TOC/TOR DIFFERENCE <u>0.28</u> FT
WELL DEPTH (BMP) <u>18.12</u> FT	SCREEN LENGTH <u>unknown</u> FT	PID AMBIENT AIR <u>_____</u> PPM	REFILL TIMER SETTING <u>_____</u> SEC
WATER COLUMN <u>10.1</u> FT	DRAWDOWN VOLUME (initial DTW - final DTW X well diam. squared X 0.041) <u>0.410</u> GAL	PID WELL MOUTH <u>_____</u> PPM	DISCHARGE TIMER SETTING <u>_____</u> SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041) <u>1.656</u> GAL	TOTAL VOL. PURGED <u>7.053</u> GAL	DRAWDOWN/TOTAL PURGED <u>0.02000</u>	PRESSURE TO PUMP <u>_____</u> PSI

**FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)**

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
0830	<b>BEGIN PURGING</b>									
0840	8.73	175	14.21	1.104	6.95	0.77	16.2	26.9		readings off, called them
0920	8.97	175	14.65	1.101	6.93	0.77	16.2	-14.2		
0930	8.98	175	14.40	1.100	6.95	0.85	12.9	-20.5		
0940	8.97	175	14.48	1.102	6.95	1.24	11.5	-20.7		
0950	8.97	175	14.91	1.097	6.93	1.53	10.0	-28.4		
1000	8.98	175	14.48	1.101	6.92	0.97	7.91	-30.5		
1010	8.98	175	14.88	1.097	6.91	0.72	6.16	-32.4		
1015	8.97	175	14.91	1.098	6.91	0.66	6.43	-34.1		
1020	8.97	175	15.01	1.098	6.91	0.57	6.37	-35.6		
1025	8.97	175	14.96	1.098	6.91	0.51	6.25	-36.3		
1030	8.98	175	15.05	1.100	6.91	0.49	5.55	-37.9		
									DO > +/- 10% 2 hr limit reached	

**FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures [SF])**

15    1.10    6.9    0.5    5.6    -38

TEMP: nearest degree (ex. 10.1 = 10)  
 COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 5.53 = 5.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

**EQUIPMENT DOCUMENTATION**

<p>TYPE OF PUMP</p> <input checked="" type="checkbox"/> PERISTALTIC SUBMERSIBLE BLADDER <input type="checkbox"/> OTHER _____	<p>DECON FLUIDS USED</p> <input type="checkbox"/> LIQUINOX <input checked="" type="checkbox"/> DEIONIZED WATER <input type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input checked="" type="checkbox"/> OTHER <u>Dedicated</u>	<p>TUBING/PUMP/BLADDER MATERIALS</p> <input type="checkbox"/> SILICON TUBING <input type="checkbox"/> HDPE TUBING <input checked="" type="checkbox"/> LDPE TUBING <input type="checkbox"/> HDPE TUBING <input checked="" type="checkbox"/> OTHER <u>Silanez</u>	<p>EQUIPMENT USED</p> <input checked="" type="checkbox"/> WL METER <u>Heon Pump</u> <input checked="" type="checkbox"/> TURB. METER <u>Heon 2100</u> <input checked="" type="checkbox"/> WQ METER <u>YSI 6015-10</u> <input checked="" type="checkbox"/> PUMP <u>Grain Pump</u> <input type="checkbox"/> FILTERS NO. _____ TYPE _____
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**ANALYTICAL PARAMETERS**

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
<input checked="" type="checkbox"/> PCBs (low level)	8082A LL	No	4°C	1 X 1L AG	<u>none</u>	<u>none</u>	
<input checked="" type="checkbox"/> Select Metals (Total)	6010C/7470A	No	4°C HNO <sub>3</sub>	1 X 250 ml Poly	<u>none</u>	<u>none</u>	
<input checked="" type="checkbox"/> Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO <sub>3</sub>	1 X 250 ml Poly	<u>none</u>	<u>none</u>	
<input checked="" type="checkbox"/> VOCs	8260C	No	4°C HCl	3 X 40 ml	<u>none</u>	<u>none</u>	
<input checked="" type="checkbox"/> SVOCs	8270D	No	4°C	2 X 250 ml AG	<u>none</u>	<u>none</u>	
<input checked="" type="checkbox"/> TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG	<u>none</u>	<u>none</u>	
<input type="checkbox"/> Ammonia	350.1	No	4°C H <sub>2</sub> SO <sub>4</sub>	250 ml Poly			
<input type="checkbox"/> Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly			
<input type="checkbox"/> Nitrate/Nitrite	353.2	No	4°C	125 ml Poly			
<input type="checkbox"/> Hexavalent Chromium	7199	No	4°C	500 ml Poly			

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED  YES  NO

NO-PURGE METHOD UTILIZED  YES  NO

NUMBER OF GALLONS GENERATED 7

If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location

**SKETCH/NOTES**

water visibly turbid with orange chunks at start of purge

Samp. Sheet 1-02

Sampler Signature: [Signature] Print Name: Liesel L. Bowler

Checked By: [Signature] Date: \_\_\_\_\_

mw-18



**LOW FLOW GROUNDWATER SAMPLING RECORD**

PROJECT NAME: Al Tech MPA LTM  
 PROJECT NUMBER: 3616206100.04  
 SAMPLE ID: 401003 MW1918XX  
 SAMPLE TIME: 10.25

LOCATION ID: MW1918XX  
 WASTE ACCEL P.O.  
 DATE: 5/23/24  
 START TIME: 0900  
 END TIME: 1040  
 SITE NAME/NUMBER: Al Tech MPA/401003  
 PAGE: 1 OF 1

MW-19

WELL DIAMETER (INCHES):  1  2  4  6  8  OTHER \_\_\_\_\_

TUBING ID (INCHES):  1/8  1/4  3/8  1/2  5/8  OTHER \_\_\_\_\_

MEASUREMENT POINT (MP):  TOP OF RISER (TOR)  TOP OF CASING (TOC)  OTHER \_\_\_\_\_

INITIAL DTW (BMP): 9.95 FT  
 FINAL DTW (BMP): 10.29 FT  
 PROT. CASING STICKUP (AGS): 27 FT  
 TOC/TOR DIFFERENCE: 0.82 FT

WELL DEPTH (BMP): 29.60 FT  
 SCREEN LENGTH: UNK FT  
 PID AMBIENT AIR: \_\_\_\_\_ PPM  
 REFILL TIMER SETTING: \_\_\_\_\_ SEC

WATER COLUMN: 14.65 FT  
 DRAWDOWN VOLUME (initial DTW - final DTW X well diam squared X 0.041): .23 GAL  
 PID WELL MOUTH: \_\_\_\_\_ PPM  
 DISCHARGE TIMER SETTING: \_\_\_\_\_ SEC

CALCULATED GAL/VOL (column X well diameter squared X 0.041): 9.95  
 TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL): 1.6 GAL  
 DRAWDOWN/TOTAL PURGED: .14  
 PRESSURE TO PUMP: \_\_\_\_\_ PSI

WELL INTEGRITY  
 YES NO N/A  
 CAP:     
 CASING:     
 LOCKED:     
 COLLAR:

TIME	DTW (FT)	PURGE RATE	TEMP. (°C)	SP. CONDUCTANCE	pH (units)	DISS. O <sub>2</sub> (mg/L)	TURBIDITY (ntu)	REDOX (mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
0925	BEGIN PURGING									
0930	9.95	100	17.01	1.158	7.10	8.80	38.9	162		
0935	10.14	100	16.52	1.146	7.10	8.87	27.0	168		
0940	10.24	100	16.76	1.148	7.09	7.54	23.7	174		
0945	10.27	100	16.60	1.147	7.09	7.42	25.7	176		
0950	10.27	100	16.90	1.148	7.08	2.35	25.6	176		
0955	10.28	100	16.88	1.149	7.07	2.35	20.1	177		
1000	10.28	100	16.47	1.149	7.06	2.94	13.2	170		
1005	10.28	100	16.29	1.149	7.07	2.96	13.8	170		
1010	10.29	100	16.05	1.149	7.07	2.78	11.1	165		
1015	10.29	100	15.58	1.149	7.06	2.75	9.21	158		
1020	10.29	100	15.55	1.149	7.06	2.61	7.01	155		
1025	10.29	100	15.59	1.145	7.06	2.58	3.25	156		SAMPLE TIME 10.25

**FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])**

15      1.145      7      2.6      3      156

TEMP: nearest degree (ex. 10.1 = 10)  
 COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 5.53 = 5.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

**EQUIPMENT DOCUMENTATION**

TYPE OF PUMP:  PERISTALTIC  SUBMERSIBLE  BLADDER  OTHER: Geopump

DECON FLUIDS USED:  LIQUINOX  DEIONIZED WATER  POTABLE WATER  NITRIC ACID  OTHER: Dechlorinated

TUBING/PUMP/BLADDER MATERIALS:  SILICON TUBING  HDPE TUBING  LDPE TUBING  HDPE TUBING  OTHER

S. STEEL PUMP MATERIAL  PVC PUMP MATERIAL  GEOPROBE SCREEN  TEFLON BLADDER  OTHER

EQUIPMENT USED:  WL METER: MO 200-7 3/16 in  TURB. METER: MO 2.8. 41 H420-2103 Q  WQ METER: MO 15-11 YSE  PUMP  FILTERS: NO TYPE

**ANALYTICAL PARAMETERS**

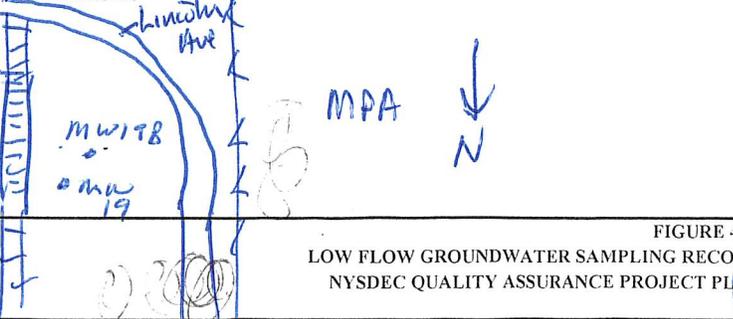
PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
PCBs (low level)	8082A LL	No	4°C	1 X 1L AG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Select Metals (Total)	6010C/7470A	No	4°C HNO3	1 X 250 ml Poly	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO3	1 X 250 ml Poly	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
VOCs	8260C	No	4°C HCl	3 X 40 ml	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
SVOCs	8270D	No	4°C	2 X 250 ml AG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Ammonia	350.1	No	4°C H2SO4	250 ml Poly	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Nitrate/Nitrite	353.2	No	4°C	125 ml Poly	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Hexavalent Chromium	7199	No	4°C	500 ml Poly	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED: YES  NO   
 NO-PURGE METHOD UTILIZED: YES  NO   
 NUMBER OF GALLONS GENERATED: 1.6  
 If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.

Sampler Signature: [Signature]  
 Checked By: [Signature]  
 Print Name: Paul GAZZO  
 Date: 5/29/24

**SKETCH/NOTES**



# LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME AI Tech MPA LTM	
PROJECT NUMBER 3616206100.04	
SAMPLE ID <b>401003MW19B38XX</b>	SAMPLE TIME <b>0805</b>

LOCATION ID <b>MW-19B</b>	DATE <b>5/21/24 - 5/23/24</b>
START TIME <b>5/21/24 1505</b>	END TIME <b>5/23/24 0900</b>
SITE NAME/NUMBER AI Tech MPA/401003	PAGE <b>1 OF 1</b>

WELL DIAMETER (INCHES) <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> OTHER _____	WELL INTEGRITY YES NO N/A
TUBING ID (INCHES) <input checked="" type="checkbox"/> 1/8 <input type="checkbox"/> 1/4 <input type="checkbox"/> 3/8 <input type="checkbox"/> 1/2 <input type="checkbox"/> 5/8 <input type="checkbox"/> OTHER _____	CAP <input checked="" type="checkbox"/> _____
MEASUREMENT POINT (MP) <input checked="" type="checkbox"/> TOP OF RISER (TOR) <input type="checkbox"/> TOP OF CASING (TOC) <input type="checkbox"/> OTHER _____	CASING <input checked="" type="checkbox"/> _____
INITIAL DTW (BMP) <b>9.59</b> FT	LOCKED <input checked="" type="checkbox"/> _____
FINAL DTW (BMP) <b>14.38</b> FT	COLLAR <input checked="" type="checkbox"/> _____
PROT. CASING STICKUP (AGS) <b>2.0</b> FT	TOC/TOR DIFFERENCE <b>0.16</b> FT
WELL DEPTH (BMP) <b>45.0</b> FT	REFILL TIMER SETTING _____ SEC
SCREEN LENGTH <b>UNK</b> FT	DISCHARGE TIMER SETTING _____ SEC
PID AMBIENT AIR _____ PPM	PRESSURE TO PUMP _____ PSI
WATER COLUMN <b>35.41</b> FT	
DRAWDOWN VOLUME <b>purged dry</b> GAL	
PID WELL MOUTH _____ PPM	
CALCULATED GAL/VOL <b>~24</b> GAL	
TOTAL VOL. PURGED <b>225</b> GAL	
(column X well diameter squared X 0.041)	
(mL per minute X total minutes X 0.0026 gal/mL)	

### FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
<b>1510</b>	<b>BEGIN PURGING 5/21/24</b>									
	<b>9.59</b>	<b>60ml to purged down</b>								
<b>1515</b>	<b>19.4</b>	<b>1.6 GPM</b>	<b>13.1</b>	<b>0.99</b>	<b>7.74</b>	<b>7.36</b>	<b>0.87</b>	<b>-38.0</b>	<b>44.8</b>	<b>5 Gallons</b>
<b>1520</b>	<b>27.5</b>	<b>1.6 GPM</b>	<b>13.0</b>	<b>0.99</b>	<b>7.73</b>	<b>7.14</b>	<b>0.59</b>	<b>-37.0</b>		<b>10 Gallons</b>
<b>1526</b>	<b>35.2</b>	<b>0.836 GPM</b>	<b>12.8</b>	<b>0.99</b>	<b>7.72</b>	<b>8.22</b>		<b>-36.4</b>		<b>15 Gallons</b>
<b>1531</b>	<b>41.5</b>	<b>1.6 GPM</b>	<b>12.4</b>	<b>0.99</b>	<b>7.70</b>	<b>8.05</b>		<b>-35.4</b>		<b>20 Gallons</b>
<b>1534</b>	<b>44.9</b>	<b>0.676 GPM</b>	<b>13.1</b>	<b>0.99</b>	<b>7.62</b>	<b>4.27</b>		<b>-31.4</b>		<b>22 Gallons</b>
<b>5/23/24 0805</b>	<b>9.73</b>									
<b>0805</b>	<b>Collect grab sample of recharge.</b>									
<b>0845</b>	<b>13.41</b>		<b>13.47</b>	<b>0.975</b>	<b>7.04</b>	<b>11.51</b>	<b>4.00</b>	<b>18.2</b>		
<b>0850</b>	<b>13.53</b>		<b>13.13</b>	<b>0.967</b>	<b>7.05</b>	<b>7.81</b>	<b>4.17</b>	<b>14.7</b>		
<b>0855</b>	<b>14.38</b>		<b>12.40</b>	<b>0.966</b>	<b>7.06</b>	<b>7.65</b>	<b>3.70</b>	<b>11.9</b>		

### FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

<b>12</b>	<b>0.966</b>	<b>7.1</b>	<b>7.7</b>	<b>3.7</b>	<b>120</b>
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TEMP.: nearest degree (ex. 10.1 = 10)  
 COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 5.53 = 5.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

### EQUIPMENT DOCUMENTATION

<b>TYPE OF PUMP</b> <input checked="" type="checkbox"/> PERISTALTIC <input type="checkbox"/> SUBMERSIBLE <input type="checkbox"/> BLADDER <input checked="" type="checkbox"/> <b>Geopump</b> <input type="checkbox"/> OTHER _____	<b>DECON FLUIDS USED</b> <input type="checkbox"/> LIQUINOX <input type="checkbox"/> DEIONIZED WATER <input checked="" type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input checked="" type="checkbox"/> OTHER <b>Dedicated</b>	<b>TUBING/PUMP/BLADDER MATERIALS</b> <input checked="" type="checkbox"/> SILICON TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> LDPE TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> OTHER _____	<b>EQUIPMENT USED</b> <input checked="" type="checkbox"/> WL METER <b>Heaman M0203-73</b> <input checked="" type="checkbox"/> TURB. METER <b>4444-21000 M024-11</b> <input checked="" type="checkbox"/> WQ METER <b>45E M015-11</b> <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> FILTERS NO. _____ TYPE _____
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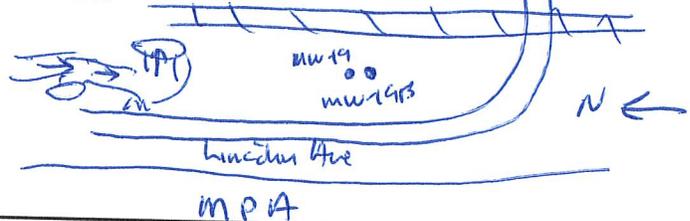
### ANALYTICAL PARAMETERS

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
<input checked="" type="checkbox"/> PCBs (low level)	8082A LL	No	4°C	1 X 1L AG	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> Select Metals (Total)	6010C/7470A	No	4°C HNO <sub>3</sub>	1X250 ml Poly	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO <sub>3</sub>	1X250 ml Poly	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> VOCs	8260C	No	4°C HCl	3 X 40 ml	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> SVOCs	8270D	No	4°C	2 X 250 ml AG	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> Ammonia	350.1	No	4°C H <sub>2</sub> SO <sub>4</sub>	250 ml Poly	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> Nitrate/Nitrite	353.2	No	4°C	125 ml Poly	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> Hexavalent Chromium	7199	No	4°C	500 ml Poly	<input checked="" type="checkbox"/>		

### PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	NUMBER OF GALLONS GENERATED <b>~25 gallons</b>
NO-PURGE METHOD UTILIZED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

### SKETCH/NOTES



Sampler Signature: *Paul Gazzo* Print Name: **Paul Gazzo**

Checked By: *Jersey Paul* Date: **5/29/23**

# MACTEC

511 Congress Street, Portland Maine 04101

**LOW FLOW GROUNDWATER SAMPLING RECORD**



511 Congress Street  
Suite 200  
Portland, Maine 04101

**PROJECT NAME**  
Pease-ATMS Performance Monitoring - Semi-Annual

**PROJECT NUMBER**  
795361603.300.320

**SAMPLE ID**  
409003mw19B35 xk

**SAMPLE TIME**  
0805

**LOCATION ID**  
mw19B

**DATE**  
5/21/24

**START TIME**  
1505

**END TIME**

**SITE NAME/INSTALLATION**  
Pease

**PAGE**  
1 OF

**WELL DIAMETER (IN.)**  1  2  4  6  8  OTHER \_\_\_\_\_

**TUBING ID (INCHES)**  1/8  1/4  3/8  1/2  5/8  OTHER \_\_\_\_\_

**MEASUREMENT POINT (MP)**  TOP OF RISER (TOR)  TOP OF CASING (TOC)  OTHER \_\_\_\_\_

**INITIAL DTW (BMP)** 9.59 FT **FINAL DTW (BMP)** 15.01 FT **PROT. CASING STICKUP (AGS)** 2.0 FT

**WELL DEPTH (BMP)** 46.0 FT **SCREEN INTERVAL** \_\_\_\_\_ FT **PID AMBIENT AIR** NA PPM

**WATER COLUMN** 35.41 FT **DRAWDOWN VOLUME** \_\_\_\_\_ GAL **PID WELL MOUTH** NA PPM

**CALCULATED GAL/VOL** 23 GAL **TOTAL VOL.** \_\_\_\_\_ GAL **DRAWDOWN/TOTAL PURGED** \_\_\_\_\_

(water column X well diameter<sup>2</sup> X 0.041) (mL per minute X total minutes X 0.00026 gal/mL)

**WELL INTEGRITY**  
YES  NO  N/A

**CAP**  **LOCKED**  **COLLAR**

**TOC/TOR DIFFERENCE** 0.16 FT

**REFILL TIMER SETTING** \_\_\_\_\_ SEC

**DISCHARGE TIMER SETTING** \_\_\_\_\_ SEC

**PRESSURE TO PUMP** NA PSI

**FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)**

TIME	DTW (FT)	PURGE RATE (mL/min)	TEMP. (°C) ±3%	SP. CONDUCTANCE (mS/cm) ±3%	DISS. O <sub>2</sub> (mg/L) ±10% or 3 values <0.5 mg/L	pH (units) ±0.1	REDOX (mv) ±10 mv	TURBIDITY (ntu) ±10% and <10 ntu or 3 values <5 ntu	PUMP INTAKE DEPTH (ft)	COMMENTS
1510	BEGIN PURGING									
9.59	Cay to purge down MW-19B as it is a low recharge well - using whole pump									
1515	19.4	16PM	13.1	0.99	7.36	7.74	-38.0	0.87		5 gallons
1520	27.5	16PM	13.0	0.99	7.14	7.73	-37.0	0.59		10 gallons
1526	35.2		12.8	0.99	8.22	7.72	-36.9	-		15 gallons
1531	41.5		12.9	0.99	8.05	7.70	-35.6	-		20 gallons
1534	44.9		13.1	0.99	4.27	7.62	-31.4	-		22 gallons
0800	start do sample dtw 9.73									
0845	13.41	16PM	13.47	0.975	11.51	7.04	182	4.00		Spiker sample time 0805
0850	13.53	16PM	13.13	0.967	7.81	7.05	147	4.17		
0855	14.38		12.90	0.966	7.65	7.06	119	3.70		

**FINAL STABILIZED FIELD PARAMETERS (rounded to appropriate significant figures)**

12.94 0.965 7.35 7.06 118 2.51

TEMP: nearest degree (ex. 10.1 = 10)  
COND: 3 significant figure max (ex. 1.686 = 1.69)  
pH: nearest tenth (ex. 5.53 = 5.5)  
DO: nearest tenth (ex. 3.51 = 3.5)  
TURB: 3 SF max, nearest tenth (5.19 = 6.2, 10.1 = 10.1)  
ORP: 2 SF (44.1 = 44, 191 = 190)

**EQUIPMENT DOCUMENTATION**

**TYPE OF PUMP**  
 PERISTALTIC SUBMERSIBLE  
 BLADDER  
 WATERA  
 OTHER  
 OTHER

**DECON FLUIDS USED**  
 ALCONOX  
 DEIONIZED WATER  
 POTABLE WATER  
 NITRIC ACID  
 HEXANE  
 METHANOL  
 OTHER

**TUBING/PUMP/BLADDER MATERIALS**  
 SILICON TUBING  
 HDPE TUBING  
 LDPE TUBING  
 OTHER  
 OTHER

**EQUIPMENT USED**  
 FIELD LOGBOOK  
 WL METER  
 PID  
 WQ METER  
 TURB. METER  
 PUMP  
 OTHER  
 FILTERS NO. \_\_\_\_\_ TYPE \_\_\_\_\_

**ANALYTICAL PARAMETERS**

PARAMETER	METHOD NUMBER	ANALYTE LIST	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	QC COLLECTED
PFAS	Draft USEPA 1633	Draft 1633 (40 Compounds)	N	4°C	2x500mL HDPE 1x125mL HDPE	
BTEX	SW8260C	BTEX	N	HCl, 4°C	3x40mL VOA vial	
VOC	SW8260C	Full VOC	N	HCl, 4°C	3x40mL VOA vial	
Total Metals	SW6010	Ca, Mg, As, Mn	N	HNO <sub>3</sub>	1x250mL HDPE	
Dissolved Metals	SW6010	Mn, Fe	N	None	1x250mL HDPE	
Alkalinity	310.2	-	N	None	1x125mL HDPE	

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED: YES  NO

NO-PURGE METHOD UTILIZED: YES  NO

NUMBER OF GALLONS GENERATED: \_\_\_\_\_

PREV. WELL SERIAL TAG: \_\_\_\_\_ FINAL WELL SERIAL TAG: \_\_\_\_\_

**NOTES**

Sampler Signature: *Paul Gazzo*

Print Name: Paul Gazzo

Checked By: \_\_\_\_\_ Date: \_\_\_\_\_

**DEVIATIONS FROM THE WORK PLAN**

# LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME AI Tech MPA LTM	
PROJECT NUMBER 3616206100.04	
SAMPLE ID 401003MW2214XX	SAMPLE TIME 1440

LOCATION ID mw-22	DATE 5/23/24
START TIME 1310	END TIME 1500
SITE NAME/NUMBER AI Tech MPA/401003	PAGE 1 OF 1

WELL DIAMETER (INCHES)  1  2  4  6  8  OTHER \_\_\_\_\_

TUBING ID (INCHES)  1/8  1/4  3/8  1/2  5/8  OTHER \_\_\_\_\_

MEASUREMENT POINT (MP)  TOP OF RISER (TOR)  TOP OF CASING (TOC)  OTHER \_\_\_\_\_

WELL INTEGRITY

YES	NO	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INITIAL DTW (BMP) <u>9.85</u> FT	FINAL DTW (BMP) <u>9.97</u> FT	PROT. CASING STICKUP (AGS) <u>0</u> FT	TOC/TOR DIFFERENCE <u>0.31</u> FT
WELL DEPTH (BMP) <u>15.2</u> FT	SCREEN LENGTH <u>10</u> FT	PID AMBIENT AIR _____ PPM	REFILL TIMER SETTING _____ SEC
WATER COLUMN <u>5.35</u> FT	DRAWDOWN VOLUME <u>0.016</u> GAL	PID WELL MOUTH _____ PPM	DISCHARGE TIMER SETTING _____ SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041) <u>0.88</u> GAL	TOTAL VOL. PURGED <u>1.9</u> GAL	DRAWDOWN/TOTAL PURGED <u>0.008</u>	PRESSURE TO PUMP _____ PSI

(initial DTW - final DTW X well diam. squared X 0.041)  
(mL per minute X total minutes X 0.00026 gal/mL)

### FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1320	BEGIN PURGING									
1336	9.95	150	—	—	—	—	—	—	14'	Free product in well.
1356	9.98	100	—	—	—	13.0	—	—	Wait for water to clear before starting flow through cell.	
1406	9.99	100	—	—	—	15.6	—	—		
1415	9.90	100	16.46	1.027	6.83	2.68	5.38	-103.3		Did not want to compromise YST with fuel so took only a few readings
1420	9.91	100	16.14	1.038	6.84	15.7	5.11	-97.1		
1425	9.95	100	16.19	1.042	6.85	1.30	6.40	-100.5		
1430	9.97	100	16.28	1.048	6.87	0.95	4.41	-101.6		

### FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

16      1.048      6.9      0.9      4.4      -100

TEMP.: nearest degree (ex. 10.1 = 10)  
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
pH: nearest tenth (ex. 5.53 = 5.5)  
DO: nearest tenth (ex. 3.51 = 3.5)  
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
ORP: 2 SF (44.1 = 44, 191 = 190)

### EQUIPMENT DOCUMENTATION

<b>TYPE OF PUMP</b> <input checked="" type="checkbox"/> PERISTALTIC <input type="checkbox"/> SUBMERSIBLE <input type="checkbox"/> BLADDER <input checked="" type="checkbox"/> Geopump <input type="checkbox"/> OTHER _____	<b>DECON FLUIDS USED</b> <input type="checkbox"/> LIQUINOX <input checked="" type="checkbox"/> DEIONIZED WATER <input type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input checked="" type="checkbox"/> OTHER <u>Dedicated</u>	<b>TUBING/PUMP/BLADDER MATERIALS</b> <input checked="" type="checkbox"/> SILICON TUBING <input type="checkbox"/> HDPE TUBING <input checked="" type="checkbox"/> LDPE TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> OTHER _____	<b>EQUIPMENT USED</b> <input checked="" type="checkbox"/> WL METER <u>Heron</u> <input checked="" type="checkbox"/> TURB. METER <u>HAZARD 2100 Q</u> <input checked="" type="checkbox"/> WQ METER <u>YST</u> <input checked="" type="checkbox"/> PUMP <u>Geopump</u> <input type="checkbox"/> FILTERS NO. _____ TYPE _____
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### ANALYTICAL PARAMETERS

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
<input checked="" type="checkbox"/> PCBs (low level)	8082A LL	No	4°C	1 X 1L AG	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> Select Metals (Total)	6010C/7470A	No	4°C HNO <sub>3</sub>	1X250 ml Poly	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO <sub>3</sub>	1X250 ml Poly	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> VOCs	8260C	No	4°C HCl	3 X 40 ml	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> SVOCs	8270D	No	4°C	2 X 250 ml AG	<input checked="" type="checkbox"/>		
<input type="checkbox"/> TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG			
<input type="checkbox"/> Ammonia	350.1	No	4°C H <sub>2</sub> SO <sub>4</sub>	250 ml Poly			
<input type="checkbox"/> Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly			
<input type="checkbox"/> Nitrate/Nitrite	353.2	No	4°C	125 ml Poly			
<input type="checkbox"/> Hexavalent Chromium	7199	No	4°C	500 ml Poly			

### PURGE OBSERVATIONS

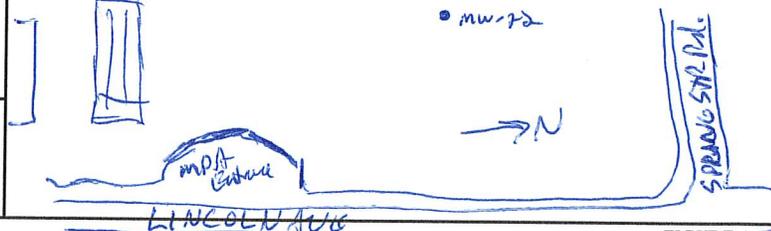
PURGE WATER CONTAINERIZED  YES  NO

NO-PURGE METHOD UTILIZED  YES  NO

NUMBER OF GALLONS GENERATED 1.9

If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.

### SKETCH/NOTES



Sampler Signature: *Jeany Pauloff*

Print Name: *Kristel Gardner*

Checked By: *Jeany Pauloff*

Date: *5/23/24*

# LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME Al Tech WMA LTM	
PROJECT NUMBER 3616206100.04	
SAMPLE ID 401003 MW 401003 MW 2214 XX	SAMPLE TIME 1440

LOCATION ID MW-22	DATE 05/23/2024
START TIME 1326	END TIME 1500
SITE NAME/NUMBER Al Tech WMA/401003	
PAGE 1 OF 1	

WELL DIAMETER (INCHES)  1  2  4  6  8  OTHER \_\_\_\_\_

TUBING ID (INCHES)  1/8  1/4  3/8  1/2  5/8  OTHER \_\_\_\_\_

MEASUREMENT POINT (MP)  TOP OF RISER (TOR)  TOP OF CASING (TOC)  OTHER \_\_\_\_\_

WELL INTEGRITY  
YES NO N/A

CAP  \_\_\_\_\_

CASING  \_\_\_\_\_

LOCKED  \_\_\_\_\_

COLLAR  \_\_\_\_\_

INITIAL DTW (BMP) <u>9.85</u> FT	FINAL DTW (BMP) <u>9.95</u> FT	PROT. CASING STICKUP (AGS) <u>NA - flush</u>	TOC/TOR DIFFERENCE <u>0.31</u> FT
WELL DEPTH (BMP) <u>15.2</u> FT	SCREEN LENGTH <u>10</u> FT	PID AMBIENT AIR <u>PPM</u>	REFILL TIMER SETTING _____ SEC
WATER COLUMN <u>5.35</u> FT	DRAWDOWN VOLUME (initial DTW - final DTW X well diam. squared X 0.041) <u>0.0164</u> GAL	PID WELL MOUTH <u>PPM</u>	DISCHARGE TIMER SETTING _____ SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041) <u>0.8774</u> GAL	TOTAL VOL. PURGED <u>1.924</u> GAL	DRAWDOWN/TOTAL PURGED <u>0.0085</u>	PRESSURE TO PUMP _____ PSI

### FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1326	BEGIN PURGING									
1336	9.95	150								
1356	9.98	100								
1406	9.99	100					13.0			wait until water clears up to put through flow cell
1415	9.90	100	16.46	1.027	6.83	2.68	5.38	-108.3		
1420	9.91	100	16.14	1.038	6.84	2.57	5.11	-97.1		
1425	9.95	100	16.19	1.042	6.85	1.30	6.40	-100.5		
1430	9.97	100	16.28	1.048	6.87	0.95	4.49	-101.6		data not to be used up 45% so only took a few readings
[Handwritten signature]										

### FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures(SF))

TEMP: nearest degree (ex. 10.1 = 10)  
 COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 5.53 = 5.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

16    1.05    6.9    6.0    4.4    -100

### EQUIPMENT DOCUMENTATION

<b>TYPE OF PUMP</b> <input checked="" type="checkbox"/> PERISTALTIC <input type="checkbox"/> SUBMERSIBLE <input type="checkbox"/> BLADDER <input type="checkbox"/> OTHER _____	<b>DECON FLUIDS USED</b> <input type="checkbox"/> LIQUINOX <input type="checkbox"/> DEIONIZED WATER <input checked="" type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input type="checkbox"/> OTHER _____	<b>TUBING/PUMP/BLADDER MATERIALS</b> <input type="checkbox"/> SILICON TUBING <input checked="" type="checkbox"/> HDPE TUBING <input type="checkbox"/> LDPE TUBING <input checked="" type="checkbox"/> HDPE TUBING <input type="checkbox"/> OTHER <u>silastic</u>	<b>EQUIPMENT USED</b> <input checked="" type="checkbox"/> WL METER <input checked="" type="checkbox"/> TURB. METER <input checked="" type="checkbox"/> WQ METER <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> FILTERS NO. _____ TYPE _____
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### ANALYTICAL PARAMETERS

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
Hardness	130.1	No					
Select Metals (Total)	6010C/7470A	No	4°C HNO <sub>3</sub>	1X250 ml Poly			
Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO <sub>3</sub>	1X250 ml Poly			
Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly			
Hexavalent Chromium	7199	No	4°C	500 ml Poly			

### PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED  YES  NO

NO-PURGE METHOD UTILIZED  YES  NO

NUMBER OF GALLONS GENERATED 1.9

If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.

### SKETCH/NOTES

Sampler Signature: [Signature] Print Name: Laurel Gardner

Checked By: [Signature] Date: \_\_\_\_\_

# LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME Al Tech MPA LTM	
PROJECT NUMBER 401003 MW 24 13 14	3616206100.04
SAMPLE ID MW 24	SAMPLE TIME 1630

LOCATION ID SCAMP metal storage area MW 24	DATE 5/21/24
START TIME 1530	END TIME 1700
SITE NAME/NUMBER Al Tech MPA/401003	PAGE 1 OF 1

WELL DIAMETER (INCHES)  1  2  4  6  8  OTHER \_\_\_\_\_

TUBING ID (INCHES)  1/8  1/4  3/8  1/2  5/8  OTHER \_\_\_\_\_

MEASUREMENT POINT (MP)  TOP OF RISER (TOR)  TOP OF CASING (TOC)  OTHER \_\_\_\_\_

WELL INTEGRITY

YES	NO	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INITIAL DTW (BMP) 14.15 FT	FINAL DTW (BMP) 14.72 FT	PROT. CASING STICKUP (AGS) 2.6 FT	TOC/TOR DIFFERENCE 0.12 above casing FT
WELL DEPTH (BMP) 21.40 FT	SCREEN LENGTH 10 FT	PID AMBIENT AIR — PPM	REFILL TIMER SETTING — SEC
WATER COLUMN 7.25 FT	DRAWDOWN VOLUME (initial DTW - final DTW X well diam. squared X 0.041) .09 GAL	PID WELL MOUTH — PPM	DISCHARGE TIMER SETTING — SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041) 1.23 GAL	TOTAL VOL. PURGED 1.16 GAL	DRAWDOWN/TOTAL PURGED 0.056	PRESSURE TO PUMP — PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)										COMMENTS
TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	
1530	BEGIN PURGING									
1530	14.15	100	13.84	0.775	11.77	10.24	243	33.1		
1535	14.50	100	13.00	0.783	11.80	9.72	231	21.0		
1540	14.53	100	12.74	0.784	11.81	9.64	89.8	20.6		
1545	14.68	100	12.45	0.779	11.82	8.95	30.2	22.4		
1550	14.69	100	12.71	0.773	11.80	8.73	17.7	24.8		
1555	14.69	100	12.62	0.785	11.76	8.24	8.63	34.2		
1600	14.70	100	12.63	0.783	11.76	7.98	7.21	35.2		
1605	14.70	100	12.81	0.741	11.72	7.71	5.61	39.3		
1610	14.70	100	12.74	0.741	11.71	7.26	3.52	43.3		
1615	14.72	100	12.26	0.763	11.70	7.31	5.99	44.1		
1620	14.72	100	12.33	0.762	11.71	7.32	5.81	44.6		
1625	14.72	100	12.35	0.762	11.72	7.32	4.25	44.6		
1630										1630 Sample time
1635										

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

TIME	DTW (FT)	PURGE RATE	TEMP. (°C)	SP. CONDUCTANCE	pH	DISS. O <sub>2</sub>	TURBIDITY	REDOX	PUMP INTAKE DEPTH
12	0.762	11.7	7.3	4.2	45				

TEMP.: nearest degree (ex. 10.1 = 10)  
 COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 5.53 = 5.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP <input checked="" type="checkbox"/> PERISTALTIC <input type="checkbox"/> SUBMERSIBLE <input type="checkbox"/> BLADDER <input type="checkbox"/> OTHER _____	DECON FLUIDS USED <input type="checkbox"/> LIQUINOX <input checked="" type="checkbox"/> DEIONIZED WATER <input type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input checked="" type="checkbox"/> OTHER <u>Dedicated</u>	TUBING/PUMP/BLADDER MATERIALS <input checked="" type="checkbox"/> SILICON TUBING <input type="checkbox"/> HDPE TUBING <input checked="" type="checkbox"/> LDPE TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> OTHER _____	EQUIPMENT USED <input checked="" type="checkbox"/> WL METER <u>M0-700-73 He-ro</u> <input checked="" type="checkbox"/> TURB. METER <u>M0-24-41 He-ro</u> <input checked="" type="checkbox"/> WQ METER <u>M0-15-11 YSI</u> <input type="checkbox"/> PUMP <u>Geoprog</u> <input type="checkbox"/> FILTERS NO. <u>X</u> TYPE _____
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PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
PCBs (low level)	8082A LL	No	4°C	1 X 1L AG			
Select Metals (Total)	6010C/7470A	No	4°C HNO <sub>3</sub>	1X250 ml Poly	X		
Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO <sub>3</sub>	1X250 ml Poly	X		
VOCs	8260C	No	4°C HCl	3 X 40 ml			
SVOCs	8270D	No	4°C	2 X 250 ml AG			
TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG			
Ammonia	350.1	No	4°C H <sub>2</sub> SO <sub>4</sub>	250 ml Poly			
Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly			
Nitrate/Nitrite	353.2	No	4°C	125 ml Poly			
Hexavalent Chromium	7199	No	4°C	500 ml Poly	X		

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES  NO

NO-PURGE METHOD UTILIZED YES  NO

NUMBER OF GALLONS GENERATED 1.6

If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.

SKETCH/NOTES

See site map. End back corner (SW) of the SCAMP metal storage area.

Sampler Signature: [Signature] Print Name: PAUL GAZZO

Checked By: [Signature] Date: 5/29/24

**LOW FLOW GROUNDWATER SAMPLING RECORD**

PROJECT NAME AI Tech MPA LTM	
PROJECT NUMBER 3616206100.04	
SAMPLE ID 401003Mw2610XX	SAMPLE TIME 14:20

LOCATION ID mw-26	DATE 05/21/2024
START TIME 13:10	END TIME 14:30
SITE NAME/NUMBER AI Tech MPA/401003	PAGE 1 OF 1

WELL DIAMETER (INCHES)  1  2  4  6  8  OTHER \_\_\_\_\_

TUBING ID (INCHES)  1/8  1/4  3/8  1/2  5/8  OTHER \_\_\_\_\_

MEASUREMENT POINT (MP)  TOP OF RISER (TOR)  TOP OF CASING (TOC)  OTHER \_\_\_\_\_

WELL INTEGRITY

YES	NO	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INITIAL DTW (BMP) 9.70 FT	FINAL DTW (BMP) 9.81 FT	PROT. CASING STICKUP (AGS) 2.50 FT	TOC/TOR DIFFERENCE 0.00 FT
WELL DEPTH (BMP) 17.45 FT	SCREEN LENGTH 10 FT	PID AMBIENT AIR PPM	REFILL TIMER SETTING SEC
WATER COLUMN 7.75 FT	DRAWDOWN VOLUME (initial DTW - final DTW X well diam. squared X 0.041) 0.0180 GAL	PID WELL MOUTH PPM	DISCHARGE TIMER SETTING SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041) 1.271 GAL	TOTAL VOL. PURGED 3.12 GAL	DRAWDOWN/TOTAL PURGED 0.0058	PRESSURE TO PUMP PSI

**FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)**

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% < 10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1310	BEGIN PURGING									
1320	9.70	150	11.85	0.574	6.96	0.94	9.28	33.3		
1330	9.80	150	11.69	0.570	6.94	0.87	8.42	32.8		
1335	9.81	150	11.75	0.567	6.94	1.14	5.69	40.4		
1340	9.82	150	11.63	0.566	6.95	1.25	24.83	41.0		
1345	9.82	150	11.60	0.567	6.94	1.55	5.12	42.7		DO needs to stabilize
1350	9.83	150	11.61	0.566	6.95	1.74	2.49	44.0		
1355	9.84	150	11.61	0.566	6.95	1.76	1.80	44.4		
1400	9.84	150	11.53	0.566	6.94	1.70	0.64	45.5		
1405	9.84	150	11.58	0.566	6.91	1.58	0.62	46.7		everything stable except turb
1410	9.84	150	11.54	0.566	6.94	1.46	0.50	47.6		DO
1415	9.85	150	11.53	0.565	6.94	1.37	0.63	48.8		

**FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures(SF))**

12      0.565      6.9      1.4      0.6      49

TEMP: nearest degree (ex. 10.1 = 10)  
COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
pH: nearest tenth (ex. 5.53 = 5.5)  
DO: nearest tenth (ex. 3.51 = 3.5)  
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
ORP: 2 SF (44.1 = 44, 191 = 190)

**EQUIPMENT DOCUMENTATION**

TYPE OF PUMP	DECON FLUIDS USED	TUBING/PUMP/BLADDER MATERIALS	EQUIPMENT USED
<input checked="" type="checkbox"/> PERISTALTIC <input type="checkbox"/> SUBMERSIBLE <input type="checkbox"/> BLADDER <input checked="" type="checkbox"/> Geopump	<input type="checkbox"/> LIQUINOX <input type="checkbox"/> DEIONIZED WATER <input checked="" type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input checked="" type="checkbox"/> OTHER Dedicated	<input type="checkbox"/> SILICON TUBING <input type="checkbox"/> HDPE TUBING <input checked="" type="checkbox"/> LDPE TUBING <input type="checkbox"/> HDPE TUBING <input checked="" type="checkbox"/> OTHER silastic	<input checked="" type="checkbox"/> WL METER <input checked="" type="checkbox"/> TURB. METER <input checked="" type="checkbox"/> WQ METER <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> FILTERS

**ANALYTICAL PARAMETERS**

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
PCBs (low level)	8082A LL	No	4°C	1 X 1L AG	<input checked="" type="checkbox"/>	none	
Select Metals (Total)	6010C/7470A	No	4°C HNO3	1X250 ml Poly	<input checked="" type="checkbox"/>	none	
Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO3	1X250 ml Poly	<input checked="" type="checkbox"/>		
VOCs	8260C	No	4°C HCl	3 X 40 ml	<input checked="" type="checkbox"/>		
SVOCs	8270D	No	4°C	2 X 250 ml AG	<input checked="" type="checkbox"/>		
TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG	<input checked="" type="checkbox"/>		
Ammonia	350.1	No	4°C H2SO4	250 ml Poly	<input checked="" type="checkbox"/>		
Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly	<input checked="" type="checkbox"/>		
Nitrate/Nitrite	353.2	No	4°C	125 ml Poly	<input checked="" type="checkbox"/>		
Hexavalent Chromium	7199	No	4°C	500 ml Poly	<input checked="" type="checkbox"/>		

**PURGE OBSERVATIONS**

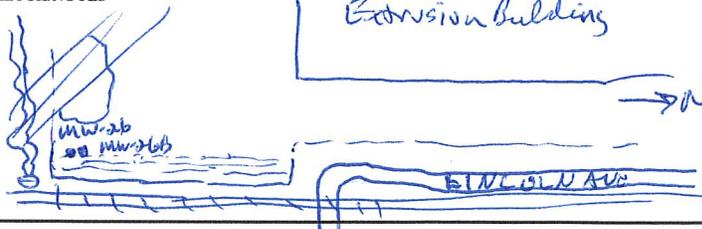
PURGE WATER CONTAINERIZED YES  NO

NO-PURGE METHOD UTILIZED YES  NO

NUMBER OF GALLONS GENERATED 3.1

If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.

**SKETCH/NOTES**



Sampler Signature: *[Signature]* Print Name: Liesel Gardner

Checked By: *[Signature]* Date: 5/29/24

FIGURE 4.17

LOW FLOW GROUNDWATER SAMPLING RECORD  
NYSDEC QUALITY ASSURANCE PROJECT PLAN

**MACTEC**

511 Congress Street, Portland Maine 04101

# LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME Al Tech MPA LTM	
PROJECT NUMBER 3616206100.04	
SAMPLE ID 401003MWA26B37XX	SAMPLE TIME 1610

LOCATION ID MW-26B	DATE 05/20/2024
START TIME 15:18	END TIME 16:30
SITE NAME/NUMBER Al Tech MPA/401003	PAGE 1 OF 1

WELL DIAMETER (INCHES)  1  2  4  6  8  OTHER \_\_\_\_\_

TUBING ID (INCHES)  1/8  1/4  3/8  1/2  5/8  OTHER \_\_\_\_\_

MEASUREMENT POINT (MP)  TOP OF RISER (TOR)  TOP OF CASING (TOC)  OTHER \_\_\_\_\_

WELL INTEGRITY

YES	NO	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INITIAL DTW (BMP) <u>9.65</u> FT	FINAL DTW (BMP) <u>11.06</u> FT	PROT. CASING STICKUP (AGS) <u>2.68</u> FT	TOC/TOR DIFFERENCE <u>-0.02</u> FT
WELL DEPTH (BMP) <u>44.28</u> FT	SCREEN LENGTH <u>10</u> FT	PID AMBIENT AIR _____ PPM	REFILL TIMER SETTING _____ SEC
WATER COLUMN <u>34.63</u> FT	DRAWDOWN VOLUME (initial DTW- final DTW X well diam. squared X 0.041) <u>0.2312</u> GAL	PID WELL MOUTH _____ PPM	DISCHARGE TIMER SETTING _____ SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041) <u>5.679</u> GAL	TOTAL VOL. PURGED <u>2.548</u> GAL	DRAWDOWN/ TOTAL PURGED <u>0.0907</u>	PRESSURE TO PUMP _____ PSI

**FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)**

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
15:18	BEGIN PURGING									
15:29	10.64	125	13.23	1.169	8.52	0.58	1.15	-22.4		
15:32	10.68	140	13.43	1.171	8.53	0.44	1.22	-18.8		
15:38	10.80	140	13.34	1.174	8.58	0.40	1.02	-28.1		
15:43	10.87	140	13.60	1.171	8.67	0.38	1.07	-27.4		
15:48	10.90	140	13.73	1.171	8.72	0.40	0.68	-25.4		
15:53	10.95	140	13.56	1.182	8.76	0.34	1.18	-28.2		
15:58	11.00	140	13.45	1.185	8.80	0.31	1.08	-23.8		
16:03	11.06	140	13.29	1.185	8.83	0.31	1.08	-24.3		

**FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])**

13    1.19    8.8    0.3    1.1    -24

TEMP.: nearest degree (ex. 10.1 = 10)  
COND.: 3 SF max (ex. 3330 = 3330, 0.696 = 0.696)  
pH: nearest tenth (ex. 5.53 = 5.5)  
DO: nearest tenth (ex. 3.51 = 3.5)  
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
ORP: 2 SF (44.1 = 44, 191 = 190)

**EQUIPMENT DOCUMENTATION**

<p>TYPE OF PUMP</p> <input checked="" type="checkbox"/> PERISTALTIC <input type="checkbox"/> SUBMERSIBLE <input type="checkbox"/> BLADDER <input type="checkbox"/> OTHER <u>Geopump</u>	<p>DECON FLUIDS USED</p> <input type="checkbox"/> LIQUINOX <input type="checkbox"/> DEIONIZED WATER <input type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input checked="" type="checkbox"/> OTHER <u>Deionized</u>	<p>TUBING/PUMP/BLADDER MATERIALS</p> <input checked="" type="checkbox"/> SILICON TUBING <input type="checkbox"/> HDPE TUBING <input checked="" type="checkbox"/> LDPE TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> OTHER <u>Silastic</u>	<p>EQUIPMENT USED</p> <input checked="" type="checkbox"/> WL METER <input checked="" type="checkbox"/> TURB. METER <u>Beck</u> <input checked="" type="checkbox"/> WQ METER <input checked="" type="checkbox"/> PUMP <u>Geo Pump</u> <input type="checkbox"/> FILTERS NO. _____ TYPE _____
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PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
<input checked="" type="checkbox"/> PCBs (low level)	8082A LL	No	4°C	1 X 1L AG		<u>None</u>	
<input checked="" type="checkbox"/> Select Metals (Total)	6010C/7470A	No	4°C HNO <sub>3</sub>	1X250 ml Poly		<u>None</u>	
<input checked="" type="checkbox"/> Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO <sub>3</sub>	1X250 ml-Poly		<u>None</u>	
<input checked="" type="checkbox"/> VOCs	8260C	No	4°C HCl	3 X 40 ml			
<input checked="" type="checkbox"/> SVOCs	8270D	No	4°C	2 X 250 ml AG			
<input checked="" type="checkbox"/> TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml-AG			
<input checked="" type="checkbox"/> Ammonia	350.1	No	4°C H <sub>2</sub> SO <sub>4</sub>	250 ml Poly			
<input checked="" type="checkbox"/> Fluoride/Sulfate	300.0-28D	No	4°C	60 ml Poly			
<input checked="" type="checkbox"/> Nitrate/Nitrite	353.2	No	4°C	125 ml Poly			
<input checked="" type="checkbox"/> Hexavalent Chromium	7199	No	4°C	500 ml Poly		<u>None</u>	

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO

NO-PURGE METHOD UTILIZED YES  NO

NUMBER OF GALLONS GENERATED 2.5

If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.

**SKETCH/NOTES**

Sampler Signature: [Signature] Print Name: Lizbeth Gardner

Checked By: \_\_\_\_\_ Date: \_\_\_\_\_

## MACTEC

511 Congress Street, Portland Maine 04101



**LOW FLOW GROUNDWATER SAMPLING RECORD**

PROJECT NAME AI Tech MPA LTM	
PROJECT NUMBER 3616206100.04	
SAMPLE ID 4016038MW3209XX	SAMPLE TIME 1310

LOCATION ID MW-32	DATE 05/22/2021
START TIME 1154	END TIME 1335
SITE NAME/NUMBER AI Tech MPA/401003	PAGE 1 OF 1

WELL DIAMETER (INCHES) <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> OTHER _____	WELL INTEGRITY YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A <input type="checkbox"/>
TUBING ID (INCHES) <input type="checkbox"/> 1/8 <input checked="" type="checkbox"/> 1/4 <input type="checkbox"/> 3/8 <input type="checkbox"/> 1/2 <input type="checkbox"/> 5/8 <input type="checkbox"/> OTHER _____	CAP <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A <input type="checkbox"/>
MEASUREMENT POINT (MP) <input checked="" type="checkbox"/> TOP OF RISER (TOR) <input type="checkbox"/> TOP OF CASING (TOC) <input type="checkbox"/> OTHER _____	CASING LOCKED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A <input type="checkbox"/>
INITIAL DTW (BMP) 8.88 FT	FINAL DTW (BMP) 9.42 FT
WELL DEPTH (BMP) 16.71 FT	SCREEN LENGTH 10 FT
WATER COLUMN 7.83 FT	DRAWDOWN VOLUME (initial DTW - final DTW X well diam. squared X 0.041) 0.0804 GAL
CALCULATED GAL/VOL (column X well diameter squared X 0.041) 1.28 GAL	TOTAL VOL. PURGED 3.283 GAL
PROT. CASING STICKUP (AGS) 2.75 FT	TOC/TOR DIFFERENCE 0.10 FT
PID AMBIENT AIR _____ PPM	REFILL TIMER SETTING _____ SEC
PID WELL MOUTH _____ PPM	DISCHARGE TIMER SETTING _____ SEC
DRAWDOWN/ TOTAL PURGED 0.0265 PSI	PRESSURE TO PUMP _____ PSI

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
BEGIN PURGING										
1154										
1215	8.96	125	12.85	0.671	7.36	0.67	3.58	-114.9	214	
1225	8.89	125	12.63	0.674	7.36	0.44	5.35	-109.3		
1230	8.93	123	12.56	0.675	7.36	0.42	4.28	-108.1		
1235	8.99	125	12.60	0.675	7.36	0.41	3.54	-104.8		
1240	9.03	125	12.60	0.675	7.36	0.41	1.15	-105.0		
1245	9.29	125	12.60	0.676	7.35	0.45	2.11	-104.0		
1250	9.30	125	12.50	0.678	7.35	0.50	0.85	-103.9		
1255	9.39	123	12.52	0.675	7.35	0.54	0.85	-100.7		
1300	9.42	125	12.44	0.676	7.35	0.55	0.77	-101.3		stable

**FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures)(SF)**

7.4    0.676    7.4    0.6    0.8    -100

TEMP.: nearest degree (ex. 10.1 = 10)  
 COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 5.53 = 5.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

**EQUIPMENT DOCUMENTATION**

<input checked="" type="checkbox"/> PERISTALTIC <input type="checkbox"/> SUBMERSIBLE <input type="checkbox"/> BLADDER <input type="checkbox"/> OTHER _____	DECON FLUIDS USED <input type="checkbox"/> LIQUINOX <input checked="" type="checkbox"/> DEIONIZED WATER <input type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input type="checkbox"/> OTHER _____	TUBING/PUMP/BLADDER MATERIALS <input type="checkbox"/> SILICON TUBING <input checked="" type="checkbox"/> HDPE TUBING <input type="checkbox"/> LDPE TUBING <input checked="" type="checkbox"/> HDPE TUBING <input type="checkbox"/> OTHER <u>Silastic</u>	EQUIPMENT USED <input checked="" type="checkbox"/> WL METER <u>Flow Direct</u> <input checked="" type="checkbox"/> TURB. METER <u>High Flow</u> <input checked="" type="checkbox"/> WQ METER <u>YSI</u> <input checked="" type="checkbox"/> PUMP <u>Geopump</u> <input type="checkbox"/> FILTERS NO. _____ TYPE _____
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**ANALYTICAL PARAMETERS**

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
PCBs (low level)	8082A LL	No	4°C	1 X 1L AG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Select Metals (Total)	6010C/7470A	No	4°C HNO <sub>3</sub>	1 X 250 ml Poly	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO <sub>3</sub>	1 X 250 ml Poly	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
VOCs	8260C	No	4°C HCl	3 X 40 ml	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
SVOCs	8270D	No	4°C	2 X 250 ml AG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Ammonia	350.1	No	4°C H <sub>2</sub> SO <sub>4</sub>	250 ml Poly	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Nitrate/Nitrite	353.2	No	4°C	125 ml Poly	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Hexavalent Chromium	7199	No	4°C	500 ml Poly	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	NUMBER OF GALLONS GENERATED 3.3
NO-PURGE METHOD UTILIZED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

**SKETCH/NOTES**

Visible orange flakes in water at beginning of purge; waited 15 min for it to clear before attaching to flow cell

Sampler Signature: Liesel L Gardner    Print Name: Liesel L Gardner  
 Checked By: Jerry Reulff    Date: 5/29/21



511 Congress Street, Portland Maine 04101

# LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME AI Tech MPA LTM	
PROJECT NUMBER 401003 MW 37 19 XX	3616206100.04
SAMPLE ID MW 37	SAMPLE TIME 1325

LOCATION ID Kc Hmw Fedex	DATE 5/21/24
START TIME 1230	END TIME 1325
SITE NAME/NUMBER AI Tech MPA/401003	PAGE 1 OF 1

WELL DIAMETER (INCHES) <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> OTHER _____	WELL INTEGRITY YES NO N/A CAP <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> CASING <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> LOCKED <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> COLLAR <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
TUBING ID (INCHES) <input checked="" type="checkbox"/> 1/8 <input type="checkbox"/> 1/4 <input type="checkbox"/> 3/8 <input type="checkbox"/> 1/2 <input type="checkbox"/> 5/8 <input type="checkbox"/> OTHER _____	
MEASUREMENT POINT (MP) <input checked="" type="checkbox"/> TOP OF RISER (TOR) <input type="checkbox"/> TOP OF CASING (TOC) <input type="checkbox"/> OTHER _____	
INITIAL DTW (BMP) <u>6.70</u> FT	FINAL DTW (BMP) <u>7.70</u> FT
WELL DEPTH (BMP) <u>20.67</u> FT	SCREEN LENGTH <u>10</u> FT
WATER COLUMN <u>13.97</u> FT	DRAWDOWN VOLUME <u>0.16</u> GAL
CALCULATED GAL/VOL <u>2.24</u> GAL	TOTAL VOL. PURGED <u>2.4</u> GAL
	PROT. CASING STICKUP (AGS) <u>3.55</u> FT
	PID AMBIENT AIR _____ PPM
	PID WELL MOUTH _____ PPM
	DRAWDOWN/TOTAL PURGED <u>1.07</u>
	TOC/TOR DIFFERENCE <u>0.6</u> FT
	REFILL TIMER SETTING _____ SEC
	DISCHARGE TIMER SETTING _____ SEC
	PRESSURE TO PUMP _____ PSI

**FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)**

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1230	BEGIN PURGING									
1235	7.70	150	14.55	0.308	6.14	11.91	73.7	52.6		
1230	7.68	150	14.37	0.311	6.14	11.43	57.9	53.1		
1235	7.62	150	14.62	0.317	6.15	10.02	20.2	60.3		
1240	7.62	150	14.19	0.313	6.15	10.05	16.6	63.2		
1245	7.63	150	13.88	0.312	6.14	10.06	14.9	66.9		
1250	7.63	150	13.72	0.311	6.15	9.74	15.5	73.2		
1255	7.65	150	13.78	0.311	6.15	9.67	12.6	76.7		
1300	7.66	150	13.65	0.312	6.16	9.80	12.4	77.7		
1305	7.68	150	13.77	0.311	6.16	9.45	11.1	78.3		
1310	7.68	150	13.66	0.311	6.16	9.45	9.2	78.3		
1315	7.68	150	13.70	0.311	6.16	9.43	8.80	78.3		
1320	7.70	150	13.71	0.311	6.16	9.41	7.42	78.6		1325 sample time

**FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures(SF))**

14      0.311      6.2      9.4      7.4      79

TEMP.: nearest degree (ex. 10.1 = 10)  
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
pH: nearest tenth (ex. 5.53 = 5.5)  
DO: nearest tenth (ex. 3.51 = 3.5)  
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
ORP: 2 SF (44.1 = 44, 191 = 190)

**EQUIPMENT DOCUMENTATION**

<p><b>TYPE OF PUMP</b></p> <input checked="" type="checkbox"/> PERISTALTIC <input type="checkbox"/> SUBMERSIBLE <input type="checkbox"/> BLADDER <input type="checkbox"/> OTHER _____	<p><b>DECON FLUIDS USED</b></p> <input type="checkbox"/> LIQUINOX <input type="checkbox"/> DEIONIZED WATER <input checked="" type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input type="checkbox"/> OTHER _____	<p><b>TUBING/PUMP/BLADDER MATERIALS</b></p> <input checked="" type="checkbox"/> SILICON TUBING <input type="checkbox"/> HDPE TUBING <input checked="" type="checkbox"/> LDPE TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> OTHER _____	<p><b>EQUIPMENT USED</b></p> <input checked="" type="checkbox"/> S. STEEL PUMP MATERIAL <input type="checkbox"/> PVC PUMP MATERIAL <input type="checkbox"/> GEOPROBE SCREEN <input type="checkbox"/> TEFLON BLADDER <input type="checkbox"/> OTHER _____
<p><b>WQ METER</b> <u>MO 200-73</u></p> <p><b>TURB. METER</b> <u>MO 24-47</u></p> <p><b>WQ METER</b> <u>MO 15-11</u></p> <p><b>PUMP</b> _____</p> <p><b>FILTERS</b> NO. <u>2</u> TYPE _____</p>			

**ANALYTICAL PARAMETERS**

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
<input checked="" type="checkbox"/> PCBs (low level)	8082A LL	No	4°C	1 X 1L AG	X	NO	N/A
<input checked="" type="checkbox"/> Select Metals (Total)	6010C/7470A	No	4°C HNO3	1X250 ml Poly	X		
<input checked="" type="checkbox"/> Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO3	1X250 ml Poly			
<input checked="" type="checkbox"/> VOCs	8260C	No	4°C HCl	3 X 40 ml			
<input checked="" type="checkbox"/> SVOCs	8270D	No	4°C	2 X 250 ml AG			
<input checked="" type="checkbox"/> TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG			
<input type="checkbox"/> Ammonia	350.1	No	4°C H2SO4	250 ml Poly			
<input type="checkbox"/> Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly			
<input type="checkbox"/> Nitrate/Nitrite	353.2	No	4°C	125 ml Poly			
<input checked="" type="checkbox"/> Hexavalent Chromium	7199	No	4°C	500 ml Poly	φ	NO	N/A

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	NUMBER OF GALLONS GENERATED	<u>2.4</u>
NO-PURGE METHOD UTILIZED	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.	

**SKETCH/NOTES**

See the site map - Access from FedEx facility far end of field to the west in NW corner of field near RR tracks.

Sampler Signature: [Signature]      Print Name: PAUL GAZZO  
 Checked By: [Signature]      Date: 5/24/24



**LOW FLOW GROUNDWATER SAMPLING RECORD**

PROJECT NAME AI Tech MPA LTM	
PROJECT NUMBER 3616206100.04	
SAMPLE ID 401003MW3914XX	SAMPLE TIME 1520

LOCATION ID M.W-39	DATE 5/21/24
START TIME 1840	END TIME 1515
SITE NAME/NUMBER AI Tech MPA/401003	PAGE 1 OF 2

WELL DIAMETER (INCHES)  1  2  4 (KA)  6  8  OTHER \_\_\_\_\_

TUBING ID (INCHES)  1/8  1/4  3/8  1/2  5/8  OTHER \_\_\_\_\_

MEASUREMENT POINT (MP)  TOP OF RISER (TOR)  TOP OF CASING (TOC)  OTHER \_\_\_\_\_

WELL INTEGRITY

YES	NO	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INITIAL DTW (BMP) 9.85 FT	FINAL DTW (BMP) 11.28 FT	PROT. CASING STICKUP (AGS) 2.65 FT	TOC/TOR DIFFERENCE 0.19 FT
WELL DEPTH (BMP) 22.12 FT	SCREEN LENGTH 11 FT	PID AMBIENT AIR — PPM	REFILL TIMER SETTING — SEC
WATER COLUMN 12.27 FT	DRAWDOWN VOLUME (initial DTW - final DTW X well diam. squared X 0.041) -0.235 GAL	PID WELL MOUTH — PPM	DISCHARGE TIMER SETTING — SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041) 2.01 GAL	TOTAL VOL. PURGED 3.95 GAL	DRAWDOWN/TOTAL PURGED 0.059	PRESSURE TO PUMP — PSI

**FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)**

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1340	BEGIN PURGING									
1345	10.72	160	13.3	1.24	6.68	4.55	38.0	68.0	—	clear
1350	10.90	160	13.0	1.24	6.68	3.10	47.7	59.6	—	clear
1355	11.13	160	12.3	1.24	6.68	2.12	38.2	52.4	—	clear
1400	11.08	160	12.5	1.24	6.66	1.59	27.3	50.7	—	clear
1405	11.12	160	12.2	1.24	6.66	1.27	20.1	47.4	—	clear
1410	11.05	160	12.2	1.15 (CH) 1.24	6.66	1.15	14.5	47.6	—	clear
1415	11.22	160	12.2	1.23	6.65	1.07	11.8	47.7	—	clear
1420	11.21	160	12.5	1.23	6.64	0.94	8.78	46.9	—	clear
1425	11.22	160	12.1	1.23	6.64	0.89	10.2	48.0	—	clear
1430	11.24	160	12.0	1.23	6.64	0.91	6.75	48.5	—	clear
1435	STAND DOWN FOR THUNDER									
1500	11.31	160	11.60	1.23	6.64	0.73	2.83	52.7	—	clear
1505	11.28	160	11.7	1.22	6.64	0.73	2.44	53.9	—	clear
1510	11.27	160	11.7	1.22	6.65	0.72	2.60	55.5	—	clear

**FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures(SF))**

12      1.22      6.7      0.7      2.5      57

TEMP: nearest degree (ex. 10.1 = 10)  
 COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 5.53 = 5.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

**EQUIPMENT DOCUMENTATION**

<input type="checkbox"/> PERISTALTIC	<input type="checkbox"/> LIQUINOX	<input checked="" type="checkbox"/> SILICON TUBING	<input checked="" type="checkbox"/> S. STEEL PUMP MATERIAL
<input type="checkbox"/> SUBMERSIBLE	<input checked="" type="checkbox"/> DEIONIZED WATER	<input checked="" type="checkbox"/> HDPE TUBING	<input type="checkbox"/> PVC PUMP MATERIAL
<input type="checkbox"/> BLADDER	<input type="checkbox"/> POTABLE WATER	<input type="checkbox"/> LDPE TUBING	<input type="checkbox"/> GEOPROBE SCREEN
<input checked="" type="checkbox"/> OTHER <u>Geopump</u>	<input type="checkbox"/> NITRIC ACID	<input type="checkbox"/> HDPE TUBING	<input type="checkbox"/> TEFLON BLADDER
	<input type="checkbox"/> OTHER	<input type="checkbox"/> OTHER	<input type="checkbox"/> OTHER

EQUIPMENT USED  
 WL METER M200-72 Near  
 TURB. METER M024-36 Hach  
 WQ METER 08 VSI  
 PUMP \_\_\_\_\_  
 FILTERS NO. \_\_\_\_\_ TYPE \_\_\_\_\_

**ANALYTICAL PARAMETERS**

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
<input checked="" type="checkbox"/> PCBs (low level)	8082A LL	No	4°C	1 X 1L AG	<input checked="" type="checkbox"/>	No	N/A
<input type="checkbox"/> Select Metals (Total)	6010C/7470A	No	4°C HNO <sub>3</sub>	1X250 ml Poly	<input checked="" type="checkbox"/>	↓	↓
<input type="checkbox"/> Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO <sub>3</sub>	1X250 ml Poly			
<input type="checkbox"/> VOCs	8260C	No	4°C HCl	3 X 40 ml			
<input type="checkbox"/> SVOCs	8270D	No	4°C	2 X 250 ml AG			
<input type="checkbox"/> TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG			
<input type="checkbox"/> Ammonia	350.1	No	4°C H <sub>2</sub> SO <sub>4</sub>	250 ml Poly			
<input type="checkbox"/> Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly			
<input type="checkbox"/> Nitrate/Nitrite	353.2	No	4°C	125 ml Poly			
<input checked="" type="checkbox"/> Hexavalent Chromium	7199	No	4°C	500 ml Poly	<input checked="" type="checkbox"/>	No	N/A

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO

NO-PURGE METHOD UTILIZED YES  NO

NUMBER OF GALLONS GENERATED 3.95

If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.

**SKETCH/NOTES**

Access through Dawson towing (formerly Streets)  
 See Site Figure

Sampler Signature: [Signature] Print Name: Kristin Ayala

Checked By: [Signature] Date: 5/21/24

**MACTEC**

511 Congress Street, Portland Maine 04101

FIGURE 4.17  
 LOW FLOW GROUNDWATER SAMPLING RECORD  
 NYSDEC QUALITY ASSURANCE PROJECT PLAN



# LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME Al Tech MPA LTM	
PROJECT NUMBER 3616206100.04	
SAMPLE ID 401003MW4309XX	SAMPLE TIME 1100

LOCATION ID MW-43	DATE 5/21/24
START TIME 0900	END TIME 1115
SITE NAME/NUMBER Al Tech MPA/401003	PAGE 1 OF 1

WELL DIAMETER (INCHES)  1  2  4  6  8  OTHER \_\_\_\_\_

TUBING ID (INCHES)  1/8  1/4  3/8  1/2  5/8  OTHER \_\_\_\_\_

MEASUREMENT POINT (MP)  TOP OF RISER (TOR)  TOP OF CASING (TOC)  OTHER \_\_\_\_\_

WELL INTEGRITY

YES	NO	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INITIAL DTW (BMP) 6.25 FT	FINAL DTW (BMP) 7.93 FT	PROT. CASING STICKUP (AGS) 3.4 FT	TOC/TOR DIFFERENCE 0.87 FT
WELL DEPTH (BMP) 13.91 FT	SCREEN LENGTH 10 FT	PID AMBIENT AIR PPM	REFILL TIMER SETTING SEC
WATER COLUMN 7.66 FT	DRAWDOWN VOLUME (initial DTW - final DTW X well diam squared X 0.041) 0.27 GAL	PID WELL MOUTH PPM	DISCHARGE TIMER SETTING SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041) 1.22 GAL	TOTAL VOL. PURGED 2.25 GAL	DRAWDOWN/TOTAL PURGED 0.12	PRESSURE TO PUMP PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)										
TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
0910	BEGIN PURGING									
0915	6.71	150	12.56	0.639	7.37	1.71	6.75	197.5		
0920	6.73	150	12.60	0.636	7.37	1.30	8.61	194.3		
0925	6.73	150	12.31	0.633	7.40	0.99	6.80	152.5		
0930	7.00	150	12.38	0.628	7.38	1.43	5.21	86.5		
0935	7.70	100	12.59	0.626	7.39	1.47	3.66	60.0		
0940	7.71	100	12.65	0.625	7.39	1.46	3.21	49.70		
0945	7.71	100	12.75	0.623	7.39	1.50	1.88	34.90		
1000	7.71	100	12.68	0.622	7.39	1.49	1.49	30.70		
1005	7.32	100	12.62	0.620	7.39	1.50	1.01	30.80		
1010	7.90	100	12.69	0.617	7.41	1.40	1.00	28.07		
1015	7.91	100	12.66	0.617	7.41	1.40	3.78	28.9		
1020	7.91	100	12.69	0.617	7.41	1.40	4.57	28.8		
1025	7.92	100	12.71	0.616	7.41	1.41	4.85	28.2	Sample Time 1100	

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures [SF])

13	0.616	7.4	1.4	4.9	28
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TEMP: nearest degree (ex. 10.1 = 10)  
 COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 5.53 = 5.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION		EQUIPMENT USED	
TYPE OF PUMP <input checked="" type="checkbox"/> PERISTALTIC <input type="checkbox"/> SUBMERSIBLE <input type="checkbox"/> BLADDER <input type="checkbox"/> OTHER _____	DECON FLUIDS USED <input type="checkbox"/> LIQUINOX <input checked="" type="checkbox"/> DEIONIZED WATER <input type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input checked="" type="checkbox"/> OTHER <u>Dedicated</u>	TUBING/PUMP/BLADDER MATERIALS <input checked="" type="checkbox"/> SILICON TUBING <input type="checkbox"/> HDPE TUBING <input checked="" type="checkbox"/> LDPE TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> OTHER _____	S. STEEL PUMP MATERIAL PVC PUMP MATERIAL GEOPROBE SCREEN TEFLON BLADDER OTHER _____
		WL METER <u>M0200-73 Heron</u> TURB. METER <u>HAZ 2002 M024-41</u> WQ METER <u>YSI M015-11</u> PUMP <u>Geopump</u> FILTERS NO. _____ TYPE _____	

ANALYTICAL PARAMETERS	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
<input checked="" type="checkbox"/> PCBs (low level)	8082A LL	No	4°C	1 X 1L AG	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> Select Metals (Total)	6010C/7470A	No	4°C HNO <sub>3</sub>	1 X 250 ml Poly	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO <sub>3</sub>	1 X 250 ml Poly	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> VOCs	8260C	No	4°C HCl	3 X 40 ml	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> SVOCs	8270D	No	4°C	2 X 250 ml AG	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> Ammonia	350.1	No	4°C H <sub>2</sub> SO <sub>4</sub>	250 ml Poly	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> Nitrate/Nitrite	353.2	No	4°C	125 ml Poly	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> Hexavalent Chromium	7199	No	4°C	500 ml Poly	<input checked="" type="checkbox"/>		

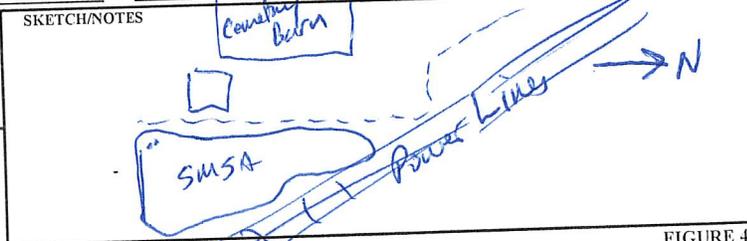
PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES  NO

NO-PURGE METHOD UTILIZED YES  NO

NUMBER OF GALLONS GENERATED ≈ 2.3

If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.



Sampler Signature: [Signature] Print Name: PAUL GAZZO

Checked By: [Signature] Date: 5/29/24

**LOW FLOW GROUNDWATER SAMPLING RECORD**

PROJECT NAME Al Tech WMA LTM	
PROJECT NUMBER 401002 MW 4309AX	3616206100.04
SAMPLE ID 401003WW 43	SAMPLE TIME 1100

LOCATION ID Background 43	DATE 5/12/24
START TIME 0910	END TIME 1100
SITE NAME/NUMBER Al Tech WMA/401003	PAGE 1 OF 1

MW-43

WELL DIAMETER (INCHES)  1  2  4  6  8  OTHER \_\_\_\_\_

TUBING ID (INCHES)  1/8  1/4  3/8  1/2  5/8  OTHER \_\_\_\_\_

MEASUREMENT POINT (MP)  TOP OF RISER (TOR)  TOP OF CASING (TOC)  OTHER \_\_\_\_\_

**WELL INTEGRITY**

YES	NO	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INITIAL DTW (BMP) 6.25 FT	FINAL DTW (BMP) 7.93 FT	PROT. CASING STICKUP (AGS) 3.4 FT	TOC/TOR DIFFERENCE 0.87 FT
WELL DEPTH (BMP) 13.91 FT	SCREEN LENGTH _____ FT	PID AMBIENT AIR _____ PPM	REFILL TIMER SETTING _____ SEC
WATER COLUMN 7.66 FT	DRAWDOWN VOLUME _____ GAL	PID WELL MOUTH _____ PPM	DISCHARGE TIMER SETTING _____ SEC
CALCULATED GAL/VOL 1.30 GAL	TOTAL VOL. PURGED _____ GAL	DRAWDOWN/TOTAL PURGED _____	PRESSURE TO PUMP _____ PSI

**FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)**

TIME	DTW (FT)	PURGE RATE	TEMP. (°C)	SP. CONDUCTANCE	pH (units)	DISS. O <sub>2</sub> (mg/L)	TURBIDITY (ntu)	REDOX (mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
0910	BEGIN PURGING									
0915	6.71	150	12.56	0.639	7.37	1.71	8.75	197.8		
0920	6.73	150	12.60	0.636	7.37	1.30	8.61	194.3		
0925	6.73	150	12.31	0.633	7.40	0.99	6.80	103.5		
0930	7.00	150	12.28	0.628	7.38	1.43	5.21	86.5		
0935	7.70	100	12.59	0.626	7.39	1.47	3.66	60.20		
0940	7.71	100	12.65	0.625	7.39	1.46	3.21	49.70		
0945	7.71	100	12.75	0.623	7.39	1.50	1.85	34.00		
1000	7.71	100	12.68	0.622	7.39	1.49	1.49	20.70		
1005	7.72	100	12.62	0.620	7.39	1.50	1.01	30.80		
1010	7.90	100	12.69	0.617	7.41	1.40	1.00	28.07		
1015	7.91	100	12.66	0.617	7.41	1.40	3.78	28.9		
1020	7.91	100	12.69	0.617	7.41	1.40	4.57	28.8		
1025	7.92	100	12.71	0.616	7.41	1.41	4.85	28.2		

Sample Time 1100

**FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures(SF))**

13      0.616      7.4      1.4      4.8      28

TEMP: nearest degree (ex. 10.1 = 10)  
COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
pH: nearest tenth (ex. 3.53 = 3.5)  
DO: nearest tenth (ex. 3.51 = 3.5)  
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
ORP: 2 SF (44.1 = 44, 191 = 190)

**EQUIPMENT DOCUMENTATION**

<p><b>TYPE OF PUMP</b></p> <input checked="" type="checkbox"/> PERISTALTIC <input type="checkbox"/> SUBMERSIBLE <input type="checkbox"/> BLADDER <input type="checkbox"/> OTHER _____	<p><b>DECON FLUIDS USED</b></p> <input type="checkbox"/> LIQUINOX <input type="checkbox"/> DEIONIZED WATER <input checked="" type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input type="checkbox"/> OTHER _____	<p><b>TUBING/PUMP/BLADDER MATERIALS</b></p> <input checked="" type="checkbox"/> SILICON TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> LDPE TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> OTHER _____	<p><b>EQUIPMENT USED</b></p> <input checked="" type="checkbox"/> S. STEEL PUMP MATERIAL <input type="checkbox"/> PVC PUMP MATERIAL <input type="checkbox"/> GEOPROBE SCREEN <input type="checkbox"/> TEFLON BLADDER <input type="checkbox"/> OTHER _____	<p><b>EQUIPMENT USED</b></p> <input checked="" type="checkbox"/> WL METER M0200-73 <input checked="" type="checkbox"/> TURB. METER M0204-41 <input checked="" type="checkbox"/> WQ METER M011-41 <input type="checkbox"/> PUMP <input type="checkbox"/> FILTERS NO. _____ TYPE _____
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**ANALYTICAL PARAMETERS**

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
Hardness	130.1	No					
Select Metals (Total)	6010C/7470A	No	4°C HNO <sub>3</sub>	1X250 ml Poly			
Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO <sub>3</sub>	1X250 ml Poly			
Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly			
Hexavalent Chromium	7199	No	4°C	500 ml Poly			

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO

NO-PURGE METHOD UTILIZED YES  NO

NUMBER OF GALLONS GENERATED \_\_\_\_\_

If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.

**SKETCH/NOTES**

See site map

Sampler Signature: *Paul Gatz*      Print Name: Paul Gatz

Checked By: \_\_\_\_\_      Date: \_\_\_\_\_

# LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME Al Tech MPA LTM	
PROJECT NUMBER 3616206100.04	
SAMPLE ID 401003DP09124x	SAMPLE TIME 900

LOCATION ID DP-09	DATE 5.22.24
START TIME 0810	END TIME 900
SITE NAME/NUMBER Al Tech MPA/401003	PAGE 1 OF 1

WELL DIAMETER (INCHES)  1  2  4  6  8  OTHER \_\_\_\_\_

TUBING ID (INCHES)  1/8  1/4  3/8  1/2  5/8  OTHER \_\_\_\_\_

MEASUREMENT POINT (MP)  TOP OF RISER (TOR)  TOP OF CASING (TOC)  OTHER \_\_\_\_\_

WELL INTEGRITY

YES	NO	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INITIAL DTW (BMP) <u>9.80</u> FT	FINAL DTW (BMP) <u>10.44</u> FT	PROT. CASING STICKUP (AGS) <u>3.51</u> FT	TOC/TOR DIFFERENCE <u>0.12</u> FT
WELL DEPTH (BMP) <u>12.98</u> FT	SCREEN LENGTH <u>unk.</u> FT	PID AMBIENT AIR <u>/</u> PPM	REFILL TIMER SETTING <u>/</u> SEC
WATER COLUMN <u>3.18</u> FT	DRAWDOWN VOLUME (initial DTW - final DTW X well diam. squared X 0.041) <u>0.025</u> GAL	PID WELL MOUTH <u>/</u> PPM	DISCHARGE TIMER SETTING <u>/</u> SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041) <u>0.12</u> GAL	TOTAL VOL. PURGED <u>2.3</u> GAL	DRAWDOWN/ TOTAL PURGED <u>.01</u>	PRESSURE TO PUMP <u>/</u> PSI

**FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)**

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
810	BEGIN PURGING									
820	9.80	160	11.70	0.523	6.57	1.75	30.2	57.2	-	
835	10.38	160	11.36	0.529	6.57	0.43	21.9	55.1	-	
845	10.39	160	11.27	0.530	6.61	0.21	20.7	51.9	-	
850	10.41	160	11.39	0.528	6.63	1.66	16.4	50.7	-	
855	10.43	160	11.44	0.527	6.65	1.63	13.1	49.0	-	
900	10.44	160	11.33	0.528	6.60	1.58	12.7	48.7	-	
Sampled @ 900										

**FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures(SF))**

11.3 0.528 6.7 1.6 12.7 49.

TEMP.: nearest degree (ex. 10.1 = 10)  
 COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 5.53 = 5.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

**EQUIPMENT DOCUMENTATION**

<p>TYPE OF PUMP</p> <input checked="" type="checkbox"/> PERISTALTIC SUBMERSIBLE BLADDER <input type="checkbox"/> OTHER _____	<p>DECON FLUIDS USED</p> <input type="checkbox"/> LIQUINOX <input checked="" type="checkbox"/> DEIONIZED WATER <input checked="" type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input checked="" type="checkbox"/> OTHER <u>Dedicated</u>	<p>TUBING/PUMP/BLADDER MATERIALS</p> <input checked="" type="checkbox"/> SILICON TUBING <input type="checkbox"/> HDPE TUBING <input checked="" type="checkbox"/> LDPE TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> OTHER _____	<p>EQUIPMENT USED</p> <input checked="" type="checkbox"/> S. STEEL PUMP MATERIAL <input type="checkbox"/> PVC PUMP MATERIAL <input checked="" type="checkbox"/> GEOPROBE SCREEN <input type="checkbox"/> TEFLO BLADDER <input type="checkbox"/> OTHER _____
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**ANALYTICAL PARAMETERS**

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
PCBs (low level)	8082A LL	No	4°C	1 X 1L AG			
Select Metals (Total)	6010C/7470A	No	4°C HNO <sub>3</sub>	1 X 250 ml Poly			
Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO <sub>3</sub>	1 X 250 ml Poly			
VOCs	8260C	No	4°C HCl	3 X 40 ml	yes	100	
SVOCs	8270D	No	4°C	2 X 250 ml AG			
TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG			
Ammonia	350.1	No	4°C H <sub>2</sub> SO <sub>4</sub>	250 ml Poly			
Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly			
Nitrate/Nitrite	353.2	No	4°C	125 ml Poly			
Hexavalent Chromium	7199	No	4°C	500 ml Poly			

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED  YES  NO

NO-PURGE METHOD UTILIZED  YES  NO

NUMBER OF GALLONS GENERATED 2.3 gal

If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.

**SKETCH/NOTES**

→ N

MW-27R

DP-09 MW-27R (slight yellow) stickup

HUB HSD

Sampler Signature: B. Connolly Print Name: B. Connolly

Checked By: Jerry Paul Date: 5/29/24

# LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME AI Tech MPA LTM	
PROJECT NUMBER 3616206100.04	
SAMPLE ID 401003 MWG 50111X	SAMPLE TIME 1000

LOCATION ID MW-6501	DATE 05/23/2024
START TIME 08:15	END TIME 12:45
SITE NAME/NUMBER AI Tech MPA/401003	PAGE 2 OF 2

WELL DIAMETER (INCHES)  1  2  4  6  8  OTHER \_\_\_\_\_

TUBING ID (INCHES)  1/8  1/4  3/8  1/2  5/8  OTHER \_\_\_\_\_

MEASUREMENT POINT (MP)  TOP OF RISER (TOR)  TOP OF CASING (TOC)  OTHER \_\_\_\_\_

WELL INTEGRITY

	YES	NO	N/A
CAP	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CASING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LOCKED	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COLLAR	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INITIAL DTW (BMP) 12.66 FT	FINAL DTW (BMP) 17.85 FT	PROT. CASING STICKUP (AGS) 3.63 FT	TOC/TOR DIFFERENCE 0.52 FT
WELL DEPTH (BMP) 18.97 FT	SCREEN LENGTH 10 FT	PID AMBIENT AIR PPM	REFILL TIMER SETTING SEC
WATER COLUMN 6.31 FT	DRAWDOWN VOLUME 0.2128 GAL	PID WELL MOUTH PPM	DISCHARGE TIMER SETTING SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041) 0.259 GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL) 0.468 GAL	DRAWDOWN/TOTAL PURGED 0.455	PRESSURE TO PUMP PSI

**FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)**

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
<b>BEGIN PURGING</b>										
11:23	14.36	—	—	—	—	—	—	—	~18	combine collaring sample well dry; wait for combine sampling recharge well dry; sampling completed last set of parameters taken
11:33	17.85	—	—	—	—	—	—	~18		
12:05	14.45	—	—	—	—	—	—	~18		
12:14	13.81	—	—	—	—	—	—	~18		
12:36	15.60	—	17.76	1.029	6.65	3.47	3.16	-7.4	~18	
<i>Handwritten signature</i>										

**FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures(SF))**

18      1.03      6.7      3.5      3.2      -7.4

TEMP: nearest degree (ex. 10.1 = 10)  
 COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 5.53 = 5.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

**EQUIPMENT DOCUMENTATION**

TYPE OF PUMP <input checked="" type="checkbox"/> PERISTALTIC <input type="checkbox"/> SUBMERSIBLE <input type="checkbox"/> BLADDER <input type="checkbox"/> OTHER	DECON FLUIDS USED <input type="checkbox"/> LIQUINOX <input checked="" type="checkbox"/> DEIONIZED WATER <input type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input checked="" type="checkbox"/> OTHER	TUBING/PUMP/BLADDER MATERIALS <input checked="" type="checkbox"/> SILICON TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> LDPE TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> OTHER	EQUIPMENT USED <input checked="" type="checkbox"/> WL METER <input checked="" type="checkbox"/> TURB. METER <input checked="" type="checkbox"/> WQ METER <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> FILTERS
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**ANALYTICAL PARAMETERS**

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
PCBs (low level)	8082A LL	No	4°C	1 X 1L AG	<input checked="" type="checkbox"/>		
Select Metals (Total)	6010C/7470A	No	4°C HNO <sub>3</sub>	1X250 ml Poly	<input checked="" type="checkbox"/>		
Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO <sub>3</sub>	1X250 ml Poly	<input checked="" type="checkbox"/>		
VOCs	8260C	No	4°C HCl	3 X 40 ml	<input checked="" type="checkbox"/>		
SVOCs	8270D	No	4°C	2 X 250 ml AG	<input checked="" type="checkbox"/>		
TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG	<input checked="" type="checkbox"/>		
Ammonia	350.1	No	4°C H <sub>2</sub> SO <sub>4</sub>	250 ml Poly	<input checked="" type="checkbox"/>		
Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly	<input checked="" type="checkbox"/>		
Nitrate/Nitrite	353.2	No	4°C	125 ml Poly	<input checked="" type="checkbox"/>		
Hexavalent Chromium	7199	No	4°C	500 ml Poly	<input checked="" type="checkbox"/>		

**PURGE OBSERVATIONS**

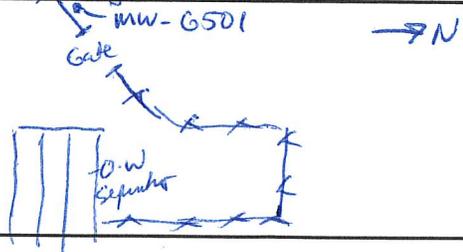
PURGE WATER CONTAINERIZED  YES  NO

NO-PURGE METHOD UTILIZED  YES  NO

NUMBER OF GALLONS GENERATED 0.5

If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.

**SKETCH/NOTES**



Sampler Signature: *[Signature]*

Print Name: Lt Sel Gardner

Checked By: *[Signature]*

Date: 5/29/24

# MACTEC

511 Congress Street, Portland Maine 04101

FIGURE 4.17  
 LOW FLOW GROUNDWATER SAMPLING RECORD  
 NYSDEC QUALITY ASSURANCE PROJECT PLAN

# LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME AI Tech MPA LTM	
PROJECT NUMBER 3616206100.04	
SAMPLE ID 401003 MWG50111XX	SAMPLE TIME R000

LOCATION ID mw-501	DATE 05/23/2024
START TIME 08:15	END TIME 12:45
SITE NAME/NUMBER AI Tech MPA/401003	PAGE 1 OF 2

WELL DIAMETER (INCHES)  1  2  4  6  8  OTHER \_\_\_\_\_

TUBING ID (INCHES)  1/8  1/4  3/8  1/2  5/8  OTHER \_\_\_\_\_

MEASUREMENT POINT (MP)  TOP OF RISER (TOR)  TOP OF CASING (TOC)  OTHER \_\_\_\_\_

WELL INTEGRITY

YES	NO	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INITIAL DTW (BMP) 12.66 FT	FINAL DTW (BMP) 17.89 FT	PROT. CASING STICKUP (AGS) 3.63 FT	TOCTOR DIFFERENCE 0.52 FT
WELL DEPTH (BMP) 18.97 FT	SCREEN LENGTH 10 FT	PID AMBIENT AIR PPM	REFILL TIMER SETTING SEC
WATER COLUMN 6.31 FT	DRAWDOWN VOLUME (initial DTW - final DTW X well diam. squared X 0.041) 0.2128 GAL	PID WELL MOUTH PPM	DISCHARGE TIMER SETTING SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041) 0.2587 GAL	TOTAL VOL. PURGED 0.4680 GAL	DRAWDOWN/ TOTAL PURGED 0.4547	PRESSURE TO PUMP PSI

**FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)**

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
0819	BEGIN PURGING									
0825	17.82	75	14.31	1.119	6.53	3.03	45.5	39.4	~18	Historically low redox well.
0835	17.84	40	15.65	1.118	6.57	3.93	30.0	-3.8	~18	air in tubing
0840	17.84	25	16.19	1.127	6.59	4.35	20.2	-4.8	~18	air
0850	17.84	25	17.42	1.119	6.63	5.33	12.5	2.9	~18	
0855	17.84	25	17.71	1.116	6.65	5.79	9.77	3.7	~18	
0900	17.85	~10	18.31	1.109	6.76	6.74	8.51	-0.7	~18	well dry - stop for low recharge
0923	15.78	—	—	—	—	—	—	—	~18	Recharge checked
0943	14.38	—	—	—	—	—	—	—	~18	Recharge checked
0953	14.01	—	—	—	—	—	—	—	~18	Recharge checked
1000	13.81	—	—	—	—	—	5.89	—	~18	Sample collected for VOCs, metals, and SVOCs; well dry again
1010	17.90	—	—	—	—	—	—	—	~18	
1042	14.31	—	—	—	—	—	—	—	~18	continued sampling PCBs
1052	17.91	—	—	—	—	—	—	—	~18	Well Dry again, wait for recharge

**FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures [SF])**

TEMP.: nearest degree (ex. 10.1 = 10)  
 COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 5.53 = 5.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

**EQUIPMENT DOCUMENTATION**

TYPE OF PUMP		DECON FLUIDS USED		TUBING/PUMP/BLADDER MATERIALS		EQUIPMENT USED	
<input checked="" type="checkbox"/> PERISTALTIC	<input type="checkbox"/> SUBMERSIBLE	<input type="checkbox"/> LIQUINOX	<input checked="" type="checkbox"/> DEIONIZED WATER	<input type="checkbox"/> SILICON TUBING	<input type="checkbox"/> S. STEEL PUMP MATERIAL	<input checked="" type="checkbox"/> WL METER	Hand D. part
<input type="checkbox"/> BLADDER	<input type="checkbox"/> POTABLE WATER	<input checked="" type="checkbox"/> HDPE TUBING	<input type="checkbox"/> NITRIC ACID	<input checked="" type="checkbox"/> LDPE TUBING	<input type="checkbox"/> PVC PUMP MATERIAL	<input checked="" type="checkbox"/> TURB. METER	High 2100
<input type="checkbox"/> OTHER	<input type="checkbox"/> OTHER	<input checked="" type="checkbox"/> HDPE TUBING	<input type="checkbox"/> OTHER	<input type="checkbox"/> OTHER	<input type="checkbox"/> TEFロン BLADDER	<input checked="" type="checkbox"/> WQ METER	15 SF
		<input checked="" type="checkbox"/> OTHER			<input type="checkbox"/> OTHER	<input checked="" type="checkbox"/> PUMP	Geopump
						<input type="checkbox"/> FILTERS	NO. TYPE

**ANALYTICAL PARAMETERS**

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
PCBs (low level)	8082A LL	No	4°C	1 X 1L AG	<input checked="" type="checkbox"/>	none	
Select Metals (Total)	6010C/7470A	No	4°C HNO <sub>3</sub>	1 X 250 ml Poly	<input checked="" type="checkbox"/>	none	
Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO <sub>3</sub>	1 X 250 ml Poly	<input checked="" type="checkbox"/>	none	
VOCs	8260C	No	4°C HCl	3 X 40 ml	<input checked="" type="checkbox"/>	none	
SVOCs	8270D	No	4°C	2 X 250 ml AG	<input checked="" type="checkbox"/>	none	
TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG	<input checked="" type="checkbox"/>	none	
Ammonia	350.1	No	4°C H <sub>2</sub> SO <sub>4</sub>	250 ml Poly			
Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly			
Nitrate/Nitrite	353.2	No	4°C	125 ml Poly			
Hexavalent Chromium	7199	No	4°C	500 ml Poly			

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO

NO-PURGE METHOD UTILIZED YES  NO

NUMBER OF GALLONS GENERATED 0.5

If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.

**SKETCH/NOTES**

• well dry @ 0900 - allowed to recharge

• well dry @ 1010 - " "

• well dry @ 1052 - " "

• well dry @ 1133 - " "

• well dry @ 1214 - " "

Sampler Signature: *Yvonne Z...* Print Name: *Liesel Gardner*

Checked By: *Janey Rawliff* Date: *5/29/24*



511 Congress Street, Portland Maine 04101

# LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME: **AI Tech MPA LTM**

PROJECT NUMBER: **3616206100.04**

SAMPLE ID: **401003H4510xx**      SAMPLE TIME: **1515**

LOCATION ID: **H-45**      DATE: **5-21-24**

START TIME: **1305**      END TIME: **1530 (m)**

SITE NAME/NUMBER: **AI Tech MPA/401003**      PAGE: **1** OF **2**

WELL DIAMETER (INCHES):  1    2    4    6    8    OTHER \_\_\_\_\_

TUBING ID (INCHES):  1/8    1/4    3/8    1/2    5/8    OTHER \_\_\_\_\_

MEASUREMENT POINT (MP):  TOP OF RISER (TOR)    TOP OF CASING (TOC)    OTHER \_\_\_\_\_

WELL INTEGRITY

YES	NO	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INITIAL DTW (BMP): **8.81** FT      FINAL DTW (BMP): **9.03** FT      PROT. CASING STICKUP (AGS): **2.40** FT      TOCTOR DIFFERENCE: **0.19** FT

WELL DEPTH (BMP): **11.50** FT      SCREEN LENGTH: **10** FT      PID AMBIENT AIR: \_\_\_\_\_ PPM      REFILL TIMER SETTING: \_\_\_\_\_ SEC

WATER COLUMN: **8.31** FT      DRAWDOWN VOLUME: **0.13** GAL      PID WELL MOUTH: \_\_\_\_\_ PPM      DISCHARGE TIMER SETTING: \_\_\_\_\_ SEC

CALCULATED GAL/VOL: **1.32** GAL      TOTAL VOL. PURGED: **1.85** GAL      DRAWDOWN/TOTAL PURGED: **.07**      PRESSURE TO PUMP: \_\_\_\_\_ PSI

(column X well diameter squared X 0.041)      (mL per minute X total minutes X 0.00026 gal/mL)      (unit-final x 0.16)

14.12  
8.5  
8.31  
0.16

TIME	DTW (FT)	PURGE RATE	TEMP. (°C)	SP. CONDUCTANCE	pH (units)	DISS. O <sub>2</sub> (mg/L)	TURBIDITY (ntu)	REDOX (mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1305	BEGIN PURGING									
1320	9.40	100	12.51	0.508	6.42	3.85	21.9	-50.7	2-14'	
1330	9.52	100	12.01	0.507	6.46	3.50	10.46	-84.1		
1340	9.58	100	12.16	0.496	6.43	2.21	3.71	-103.7		
1350	9.65	120	12.24	0.489	6.43	1.85	3.24	-98.2		
1400	9.69	100	12.21	0.487	6.49	1.88	2.86	-81.6		
1410	9.70	100	12.21	0.485	6.45	1.98	2.38	-66.7		
1415	9.71	100	12.21	0.484	6.46	1.88	2.24	-55.2		
1420			12.26	0.483	6.47	1.80		-62.4		
1425			12.25	0.482	6.48	1.76		-69.40		thunder during purging
1430			12.41	0.471	6.50	1.52		-70.4		sample
1435			12.56	0.477	6.52	1.47		-72.1		
1440			12.57	0.476	6.52	1.45		-83.4		
1445			11.92	0.475	6.50	1.44		-71.9		
1450			11.79	0.473	6.49	1.43		-60.4		

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

TEMP.: nearest degree (ex. 10.1 = 10)      COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)

pH: nearest tenth (ex. 5.53 = 5.5)      DO: nearest tenth (ex. 3.51 = 3.5)

TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)      ORP: 2 SF (44.1 = 44, 19) = 190

EQUIPMENT DOCUMENTATION

TYPE OF PUMP:  PERISTALTIC **Geopup**      DECON FLUIDS USED:  LIQUINOX      TUBING/PUMP/BLADDER MATERIALS:  SILICON TUBING

SUBMERSIBLE       DEIONIZED WATER       HDPE TUBING       S. STEEL PUMP MATERIAL

BLADDER       POTABLE WATER       LDPE TUBING       PVC PUMP MATERIAL

OTHER \_\_\_\_\_       NITRIC ACID       HDPE TUBING       GEOPROBE SCREEN

OTHER \_\_\_\_\_       OTHER **Deionized**       OTHER \_\_\_\_\_       TEFLON BLADDER

EQUIPMENT USED:  WL METER **HE 100**       TURB. METER **HE 100**       WQ METER **YSI**       PUMP **Geopup**       FILTERS \_\_\_\_\_

ANALYTICAL PARAMETERS

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
PCBs (low level)	8082A LL	No	4°C	1 X 1L AG	<input checked="" type="checkbox"/>	No	
Select Metals (Total)	6010C/7470A	No	4°C HNO3	1X250 ml Poly	<input checked="" type="checkbox"/>	No	
Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO3	1X250 ml Poly	<input checked="" type="checkbox"/>	No	
VOCs	8260C	No	4°C HCl	3 X 40 ml			
SVOCs	8270D	No	4°C	2 X 250 ml AG			
TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG			
Ammonia	350.1	No	4°C H2SO4	250 ml Poly			
Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly			
Nitrate/Nitrite	353.2	No	4°C	125 ml Poly			
Hexavalent Chromium	7199	No	4°C	500 ml Poly	<input checked="" type="checkbox"/>	No	

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES  NO       NUMBER OF GALLONS GENERATED: **1.85 gal**

NO-PURGE METHOD UTILIZED: YES  NO       If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.

SKETCH/NOTES

H-45      H-40

→ N

Building

① 0.19 thunder

Sampler Signature: **Becky Connolly**      Print Name: **Becky Connolly**

Checked By: **Jerry Puff**      Date: **5/29/24**

**MACTEC**



# LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME Al Tech MPA LTM	
PROJECT NUMBER 3616206100.04	
SAMPLE ID 401003H4D22X	SAMPLE TIME 1045

LOCATION ID NW4D	DATE 5.21.24
START TIME 1600	END TIME 1645
SITE NAME/NUMBER Al Tech MPA/401003	PAGE 1 OF 1

WELL DIAMETER (INCHES)  1  2  4  6  8

TUBING ID (INCHES)  1/8  1/4  3/8  1/2  5/8

MEASUREMENT POINT (MP)  TOP OF RISER (TOR)  TOP OF CASING (TOC)

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

WELL INTEGRITY

YES	NO	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INITIAL DTW (BMP) 10.9 FT

FINAL DTW (BMP) 10.8 FT

WELL DEPTH (BMP) 24.21 FT

SCREEN LENGTH 10 FT

WATER COLUMN 15.41 FT

DRAWDOWN VOLUME \_\_\_\_\_ GAL

CALCULATED GAL/VOL 2.47 GAL

TOTAL VOL. PURGED 1.55 GAL

(column X well diameter squared X 0.041)

(initial DTW - final DTW X well diam. squared X 0.041)

(mL per minute X total minutes X 0.00026 gal/mL)

PROT. CASING STICKUP (AGS) 2.0 FT

PID AMBIENT AIR \_\_\_\_\_ PPM

PID WELL MOUTH \_\_\_\_\_ PPM

DRAWDOWN/TOTAL PURGED \_\_\_\_\_

TOC/TOR DIFFERENCE 0.25 FT

REFILL TIMER SETTING \_\_\_\_\_ SEC

DISCHARGE TIMER SETTING \_\_\_\_\_ SEC

PRESSURE TO PUMP \_\_\_\_\_ PSI

**FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)**

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
11:00	<b>BEGIN PURGING</b>									
11:05	10.9	130	14.41	0.587	6.25	5.07	9.82	-0.1	-	
11:25	10.9	130	13.93	0.592	6.31	4.82	7.31	-0.3	-	
11:30	10.9	130	13.91	0.591	6.30	5.02	3.52	-0.6	-	
11:35	10.9	130	17.07	0.591	6.41	4.99	8.83	-15.1	-	
11:40	10.9	130	14.10	0.592	6.42	5.01	3.54	-21.6	-	
11:45	10.8	130	14.21	0.592	6.44	5.02	2.23	-14.7	-	

**FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures(SF))**

14.21 0.592 6.4 5.0 2.2 14.7

TEMP.: nearest degree (ex. 10.1 = 10)  
 COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 5.53 = 5.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

**EQUIPMENT DOCUMENTATION**

TYPE OF PUMP <input checked="" type="checkbox"/> PERISTALTIC SUBMERSIBLE BLADDER <u>Geopur</u>		DECON FLUIDS USED <input type="checkbox"/> LIQUINOX <input checked="" type="checkbox"/> DEIONIZED WATER <input type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input type="checkbox"/> OTHER		TUBING/PUMP/BLADDER MATERIALS <input checked="" type="checkbox"/> SILICON TUBING <input type="checkbox"/> HDPE TUBING <input checked="" type="checkbox"/> LDPE TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> OTHER		S. STEEL PUMP MATERIAL <input type="checkbox"/> PVC PUMP MATERIAL <input type="checkbox"/> GEOPROBE SCREEN <input type="checkbox"/> TEFLON BLADDER <input type="checkbox"/> OTHER		EQUIPMENT USED <input type="checkbox"/> WL METER <u>Heron</u> <input type="checkbox"/> TURB. METER <u>Hach</u> <input type="checkbox"/> WQ METER <u>YSI</u> <input type="checkbox"/> PUMP <input type="checkbox"/> FILTERS NO. _____ TYPE _____	
---	--	---	--	--	--	---	--	--	--

**ANALYTICAL PARAMETERS**

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
PCBs (low level)	8082A LL	No	4°C	1 X 1L AG	yes	No	
Select Metals (Total)	6010C/7470A	No	4°C HNO <sub>3</sub>	1X250 ml Poly	yes	No	
Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO <sub>3</sub>	1X250 ml Poly	yes	No	
VOCs	8260C	No	4°C HCl	3 X 40 ml			
SVOCs	8270D	No	4°C	2 X 250 ml AG			
TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG			
Ammonia	350.1	No	4°C H <sub>2</sub> SO <sub>4</sub>	250 ml Poly			
Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly			
Nitrate/Nitrite	353.2	No	4°C	125 ml Poly			
Hexavalent Chromium	7199	No	4°C	500 ml Poly	yes	No	

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED  YES  NO

NO-PURGE METHOD UTILIZED  YES  NO

NUMBER OF GALLONS GENERATED 1.55

If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.

**SKETCH/NOTES**

*5msd Power Lines*

*5msd H-45 H-40*

*→ N*

*Emission Building*

Sampler Signature: B. Connolly Print Name: Bachy Connolly

Checked By: Jerry Lauff Date: 5/29/24

**MACTEC**

511 Congress Street, Portland Maine 04101

FIGURE 4.17  
 LOW FLOW GROUNDWATER SAMPLING RECORD  
 NYSDEC QUALITY ASSURANCE PROJECT PLAN

**LOW FLOW GROUNDWATER SAMPLING RECORD**

PROJECT NAME	AI Tech MPA LTM
PROJECT NUMBER	3616206100.04
SAMPLE ID	401003/MWI704/2024
SAMPLE TIME	1610

LOCATION ID	MWI704	DATE	05/22/2024
START TIME	1423	END TIME	1630
SITE NAME/NUMBER	AI Tech MPA/401003	PAGE	1 OF 1

WELL DIAMETER (INCHES)  1  2  4  6  8  OTHER \_\_\_\_\_

TUBING ID (INCHES)  1/8  1/4  3/8  1/2  5/8  OTHER \_\_\_\_\_

MEASUREMENT POINT (MP)  TOP OF RISER (TOR)  TOP OF CASING (TOC)  OTHER \_\_\_\_\_

WELL INTEGRITY

YES	NO	N/A
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

CAP  YES  NO  N/A  
 CASING LOCKED  YES  NO  N/A  
 COLLAR  YES  NO  N/A

*cracked cement base and lining*

INITIAL DTW (BMP)	10.93 FT	FINAL DTW (BMP)	10.91 FT	PROT. CASING STICKUP (AGS)	2.75 FT	TOC/TOR DIFFERENCE	0.02 FT
WELL DEPTH (BMP)	22.48 FT	SCREEN LENGTH	10 FT	PID AMBIENT AIR	PPM	REFILL TIMER SETTING	SEC
WATER COLUMN	11.55 FT	DRAWDOWN VOLUME (initial DTW- final DTW X well diam. squared X 0.041)	0.0033 GAL	PID WELL MOUTH	PPM	DISCHARGE TIMER SETTING	SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	1.894 GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	5.779 GAL	DRAWDOWN/ TOTAL PURGED	0.0006	PRESSURE TO PUMP	PSI

**FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)**

TIME 3-5 Minutes	DTW (FT) 0.0-0.38 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1423										BEGIN PURGING
1433	10.95	175	15.02	1.071	7.14	2.82	6.23	-127.4	20'	<i>Casing has been struck by vehicle or equipment tilted but intact.</i>
1443	10.96	175	14.99	1.069	7.13	1.41	2.19	-117.0		
1453	10.94	175	14.94	1.065	7.12	1.01	2.40	-109.9		
1503	10.95	175	14.96	1.070	7.12	0.79	2.31	-106.3		
1513	10.95	175	14.75	1.075	7.12	0.64	1.95	-106.4		
1523	10.95	175	14.89	1.076	7.12	0.56	1.72	-103.6		
1533	10.95	175	14.90	1.081	7.12	0.47	1.73	-107.0		
1538	10.96	175	14.75	1.081	7.12	0.45	1.76	-103.5		
1543	10.95	175	14.80	1.080	7.12	0.42	0.86	-102.9	<i>Turbidity not stable</i>	
1548	10.96	175	14.82	1.082	7.12	0.40	0.81	-103.6		
1553	10.97	175	14.66	1.084	7.11	0.38	0.56	-103.2		
1558	10.96	175	14.61	1.084	7.12	0.38	0.55	-104.8		
1603	10.96	175	14.99	1.083	7.12	0.36	0.53	-107.3	<i>Parameters stable</i>	

**FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures(SF))**

15 | 1.08 | 7.1 | 0.4 | 0.5 | -110

TEMP: nearest degree (ex. 10.1 = 10)  
 COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 5.53 = 5.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

**EQUIPMENT DOCUMENTATION**

TYPE OF PUMP	DECON FLUIDS USED	TUBING/PUMP/BLADDER MATERIALS	EQUIPMENT USED
<input checked="" type="checkbox"/> PERISTALTIC SUBMERSIBLE BLADDER <i>Geopump</i>	<input type="checkbox"/> LIQUINOX <input checked="" type="checkbox"/> DEIONIZED WATER <input type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input checked="" type="checkbox"/> OTHER <i>Dedicated</i>	<input type="checkbox"/> SILICON TUBING <input type="checkbox"/> HDPE TUBING <input checked="" type="checkbox"/> LDPE TUBING <input type="checkbox"/> HDPE TUBING <input checked="" type="checkbox"/> OTHER <i>Silastic</i>	<input checked="" type="checkbox"/> WL METER <input checked="" type="checkbox"/> TURB. METER <input checked="" type="checkbox"/> WQ METER <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> FILTERS

*Handy Pump T  
washable  
333  
Geopump  
NO TYPE*

**ANALYTICAL PARAMETERS**

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
PCBs (low level)	8082A LL	No	4°C	1 X 1L AG	<input checked="" type="checkbox"/>	<i>none</i>	
Select Metals (Total)	6010C/7470A	No	4°C HNO <sub>3</sub>	1 X 250 ml Poly	<input checked="" type="checkbox"/>	<i>none</i>	
Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO <sub>3</sub>	1 X 250 ml Poly	<input checked="" type="checkbox"/>	<i>none</i>	
VOCs	8260C	No	4°C HCl	3 X 40 ml	<input checked="" type="checkbox"/>	<i>none</i>	
SVOCs	8270D	No	4°C	2 X 250 ml AG	<input checked="" type="checkbox"/>	<i>none</i>	
TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG	<input checked="" type="checkbox"/>		
Ammonia	350.1	No	4°C H <sub>2</sub> SO <sub>4</sub>	250 ml Poly			
Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly			
Nitrate/Nitrite	353.2	No	4°C	125 ml Poly			
Hexavalent Chromium	7199	No	4°C	500 ml Poly			<i>MWI-1704</i>

**PURGE OBSERVATIONS**

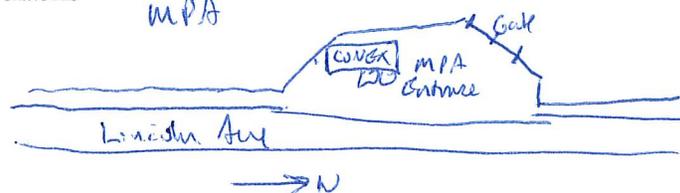
PURGE WATER CONTAINERIZED YES  NO

NO-PURGE METHOD UTILIZED YES  NO

NUMBER OF GALLONS GENERATED *5.8*

If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.

**SKETCH/NOTES**



Sampler Signature: *Yank 2 Boyd* Print Name: *Lizel Gardner*

Checked By: *Jeany Raveloff* Date: *5/29/24*



# LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME AI Tech MPA LTM	
PROJECT NUMBER 3616206100.04	
SAMPLE ID 401003 PES 0512XX	SAMPLE TIME 0925

LOCATION ID Side of Licking	DATE 5/22/24
START TIME 0820	END TIME 0930
SITE NAME/NUMBER AI Tech MPA/401003	PAGE 1 OF 1

PES-5

UNSAFE acid p.t. area

WELL DIAMETER (INCHES)  1  2  4  6  8  OTHER \_\_\_\_\_

TUBING ID (INCHES)  1/8  1/4  3/8  1/2  5/8  OTHER \_\_\_\_\_

MEASUREMENT POINT (MP)  TOP OF RISER (TOR)  TOP OF CASING (TOC)  OTHER \_\_\_\_\_

WELL INTEGRITY

YES	NO	N/A
X		
X		
X		
X		

INITIAL DTW (BMP) 7.76 FT	FINAL DTW (BMP) 8.58 FT	PROT. CASING STICKUP (AGS) 0 FT	TOC/TOR DIFFERENCE 0.2 FT
WELL DEPTH (BMP) 13.18 FT	SCREEN LENGTH 10 FT	PID AMBIENT AIR PPM	REFILL TIMER SETTING SEC
WATER COLUMN 5.42 FT	DRAWDOWN VOLUME (initial DTW - final DTW X well diam. squared X 0.041) 0.13 GAL	PID WELL MOUTH PPM	DISCHARGE TIMER SETTING SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041) 0.92 GAL	TOTAL VOL. PURGED 1.75 GAL	DRAWDOWN/TOTAL PURGED .07	PRESSURE TO PUMP PSI

**FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)**

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
0815	BEGIN PURGING									
0820	7.92	100	13.81	1.106	7.02	17.11	204	107.8		
0825	8.03	100	13.32	1.086	7.00	10.53	161	105.5		
0830	8.10	100	13.22	1.085	7.00	10.56	140	105.9		
0835	8.25	100	13.08	1.058	6.98	9.10	67.8	118.5		
0840	8.31	100	13.17	1.036	7.00	9.15	46.5	124.2		
0845	8.37	100	13.22	1.030	7.01	9.17	38.3	124.9		
0850	8.41	100	13.19	1.022	7.02	3.97	29.0	80.50		
0855	8.46	100	13.12	1.018	7.05	4.28	21.1	80.3		Sample time 0925
0900	8.47	100	13.07	1.017	7.06	4.25	20.2	74.1		
0905	8.55	100	12.84	1.003	7.09	3.95	15.8	45.6		
0910	8.56	100	12.88	1.003	7.09	3.74	12.1	43.4		
0915	8.57	100	12.75	0.999	7.11	3.90	10.6	37.5		
0920	8.57	100	12.58	0.992	7.12	3.89	9.61	38.3		
0925	8.58	100	12.65	0.992	7.12	3.79	9.02	37.9		

**FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])**

13	0.992	7.1	3.8	9.0	38
----	-------	-----	-----	-----	----

TEMP.: nearest degree (ex. 10.1 = 10)  
 COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 5.53 = 5.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

**EQUIPMENT DOCUMENTATION**

<p>TYPE OF PUMP</p> <input checked="" type="checkbox"/> PERISTALTIC SUBMERSIBLE BLADDER Geopump <input type="checkbox"/> OTHER _____	<p>DECON FLUIDS USED</p> <input type="checkbox"/> LIQUINOX <input checked="" type="checkbox"/> DEIONIZED WATER <input type="checkbox"/> POTABLE WATER <input checked="" type="checkbox"/> NITRIC ACID <input type="checkbox"/> OTHER <u>Dedicated</u>	<p>TUBING/PUMP/BLADDER MATERIALS</p> <input checked="" type="checkbox"/> SILICON TUBING <input type="checkbox"/> HDPE TUBING <input checked="" type="checkbox"/> LDPE TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> OTHER _____	<p>EQUIPMENT USED</p> <input checked="" type="checkbox"/> WL METER <input checked="" type="checkbox"/> TURB. METER <input checked="" type="checkbox"/> WQ METER <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> FILTERS NO. _____ TYPE _____
--	---	--	--

**ANALYTICAL PARAMETERS**

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
PCBs (low level)	8082A LL	No	4°C	1 X 1L AG			
Select Metals (Total)	6010C/7470A	No	4°C HNO <sub>3</sub>	1 X 250 ml Poly			
Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO <sub>3</sub>	1 X 250 ml Poly			
VOCs	8260C	No	4°C HCl	3 X 40 ml			
SVOCs	8270D	No	4°C	2 X 250 ml AG			
TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG			
Ammonia	350.1	No	4°C H <sub>2</sub> SO <sub>4</sub>	250 ml Poly			
Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly			
Nitrate/Nitrite	353.2	No	4°C	125 ml Poly			
Hexavalent Chromium	7199	No	4°C	500 ml Poly			

**PURGE OBSERVATIONS**

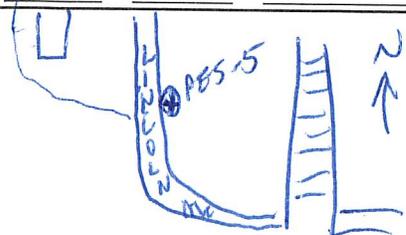
PURGE WATER CONTAINERIZED  YES  NO

NO-PURGE METHOD UTILIZED  YES  NO

NUMBER OF GALLONS GENERATED 1.75

If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.

**SKETCH/NOTES**



Sampler Signature: Jerry Pauloff Print Name: Paul Gazzo

Checked By: Jerry Pauloff Date: 5/22/24

**LOW FLOW GROUNDWATER SAMPLING RECORD**

PROJECT NAME Al Tech MPA LTM	
PROJECT NUMBER 3616206100.04	
SAMPLE ID 401003 PES 07 X 0	SAMPLE TIME 1120

LOCATION ID PES-07	DATE 5/22/24
START TIME 1015	END TIME 1125
SITE NAME/NUMBER Al Tech MPA/401003	PAGE 1 OF 1

WELL DIAMETER (INCHES)  1  2  4  6  8  OTHER \_\_\_\_\_

TUBING ID (INCHES)  1/8  1/4  3/8  1/2  5/8  OTHER \_\_\_\_\_

MEASUREMENT POINT (MP)  TOP OF RISER (TOR)  TOP OF CASING (TOC)  OTHER \_\_\_\_\_

WELL INTEGRITY

YES	NO	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INITIAL DTW (BMP) 7.33 FT	FINAL DTW (BMP) 7.52 FT	PROT. CASING STICKUP (AGS) 0 FT	TOC/TOR DIFFERENCE 0.2 FT
WELL DEPTH (BMP) 13.68 FT	SCREEN LENGTH UNK FT	PID AMBIENT AIR - PPM	REFILL TIMER SETTING - SEC
WATER COLUMN 6.35 FT	DRAWDOWN VOLUME (initial DTW - final DTW X well diam. squared X 0.041) .03 GAL	PID WELL MOUTH - PPM	DISCHARGE TIMER SETTING - SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041) 1.07 GAL	TOTAL VOL. PURGED 2.15 GAL	DRAWDOWN/TOTAL PURGED 0.014	PRESSURE TO PUMP - PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)										
TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O <sub>2</sub> (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1015	BEGIN PURGING									
1020	7.48	125	13.60	1.236	7.20	1.65	37.1	-114		
1025	7.50	125	13.69	1.232	7.19	1.62	32.5	-113		
1030	7.51	125	13.77	1.227	7.19	3.92	25.2	-104		
1035	7.51	125	14.04	1.221	7.18	3.88	30.5	-105		
1040	7.51	125	14.15	1.214	7.19	2.75	37.6	-113		
1045	7.51	125	14.20	1.212	7.19	2.71	16.6	-108		
1050	7.51	125	14.14	1.211	7.19	2.68	14.5	-107		
1055	7.52	125	14.06	1.216	7.20	2.61	15.4	-106		
1100	7.52	125	14.03	1.208	7.20	2.38	10.2	-107		
1105	7.52	125	14.20	1.207	7.21	2.41	9.30	-108		End of
1110	7.52	125	14.20	1.207	7.21	2.39	8.41	-108		Time 1120
1115	7.52	125	14.21	1.208	7.21	2.45	6.55	-108		
1120	sample time									

**FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])**

14      1.2      7.2      3.5      6.6      -108

TEMP: nearest degree (ex. 10.1 = 10)  
 COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)  
 pH: nearest tenth (ex. 5.53 = 5.5)  
 DO: nearest tenth (ex. 3.51 = 3.5)  
 TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)  
 ORP: 2 SF (44.1 = 44, 191 = 190)

**EQUIPMENT DOCUMENTATION**

TYPE OF PUMP	DECON FLUIDS USED	TUBING/PUMP/BLADDER MATERIALS	EQUIPMENT USED
<input checked="" type="checkbox"/> PERISTALTIC <input type="checkbox"/> SUBMERSIBLE <input type="checkbox"/> BLADDER <input type="checkbox"/> OTHER _____	<input type="checkbox"/> LIQUINOX <input checked="" type="checkbox"/> DEIONIZED WATER <input type="checkbox"/> POTABLE WATER <input type="checkbox"/> NITRIC ACID <input type="checkbox"/> OTHER _____	<input checked="" type="checkbox"/> SILICON TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> LDPE TUBING <input type="checkbox"/> HDPE TUBING <input type="checkbox"/> OTHER _____	<input checked="" type="checkbox"/> S. STEEL PUMP MATERIAL <input checked="" type="checkbox"/> PVC PUMP MATERIAL <input type="checkbox"/> GEOPROBE SCREEN <input type="checkbox"/> TEFLON BLADDER <input type="checkbox"/> OTHER _____
			<input checked="" type="checkbox"/> WL METER NO 200-73 <input checked="" type="checkbox"/> TURB. METER M02441 <input checked="" type="checkbox"/> WQ METER M015-11 <input type="checkbox"/> PUMP <input type="checkbox"/> FILTERS NO. X TYPE _____

**ANALYTICAL PARAMETERS**

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
<input checked="" type="checkbox"/> PCBs (low level)	8082A LL	No	4°C	1 X 1L AG	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> Select Metals (Total)	6010C/7470A	No	4°C HNO <sub>3</sub>	1 X 250 ml Poly	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> Select Metals (Dissolved)	6010C/7470A	Yes	4°C HNO <sub>3</sub>	1 X 250 ml Poly	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> VOCs	8260C	No	4°C HCl	3 X 40 ml	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> SVOCs	8270D	No	4°C	2 X 250 ml AG	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> TPH	8015D (DRO MOD)	No	4°C	2 X 250 ml AG	<input checked="" type="checkbox"/>		
<input type="checkbox"/> Ammonia	350.1	No	4°C H <sub>2</sub> SO <sub>4</sub>	250 ml Poly			
<input type="checkbox"/> Fluoride/Sulfate	300.0 28D	No	4°C	60 ml Poly			
<input type="checkbox"/> Nitrate/Nitrite	353.2	No	4°C	125 ml Poly			
<input type="checkbox"/> Hexavalent Chromium	7199	No	4°C	500 ml Poly			

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED  YES  NO

NO-PURGE METHOD UTILIZED  YES  NO

NUMBER OF GALLONS GENERATED ≈ 22

If yes, purged approximately 1 standing volume prior to sampling or \_\_\_\_\_ mL for this sample location.

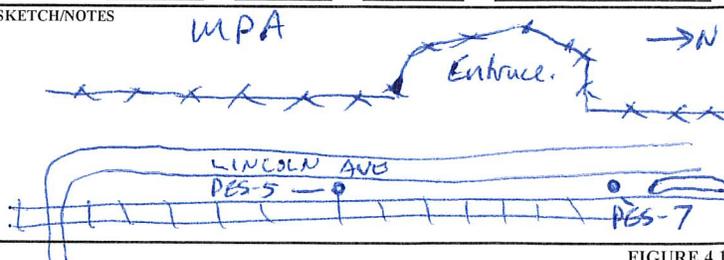
Sampler Signature: *Paul Gazzo*

Print Name: Paul Gazzo

Checked By:

Date:

**SKETCH/NOTES**



511 Congress Street, Portland Maine 04101

**ATTACHMENT 2  
2024 CHEMISTRY REVIEW**

**CATEGORY A REVIEW  
MAY 2024 GROUNDWATER SAMPLING PROGRAM  
AL TECH SPECIALTY STEEL SITE  
COLONIE, NEW YORK**

**1.0 INTRODUCTION**

Groundwater samples were collected in May 2024 at the Al Tech Specialty Steel Site (Site) in Colonie, New York, and shipped to Eurofins Buffalo Laboratory located in Amherst, New York, and SGS Accutest Laboratories located in Dayton, New Jersey, for analysis. All sample analyses except hexavalent chromium were analyzed by Eurofins. Hexavalent chromium analyses were performed by SGS Accutest in Dayton, New Jersey. Samples were analyzed by one or more of the following United States Environmental Protection Agency (USEPA) methods:

- Volatile Organic Compounds (VOCs) by Method 8260C
- Semivolatile Organic Compounds (SVOCs) by Method 8270D
- Polychlorinated Biphenyls (PCBs) by Method 8082A
- Total and Dissolved Metals (select list) by Methods 6010C and 7470A
- Hexavalent Chromium by Method 7199
- Fluoride and Sulfate by Method 300.0
- Ammonium by Method 350.1
- Nitrate as N by Method 353.2
- Diesel Range Organics (DROs) by Method 8015D

Results were reported in the following sample delivery groups (SDGs):

- 480-220127-1
- 480-220201-1
- JD88916
- JD89099

Sample event information included in this chemistry review is presented in the following Tables:

- Table 1 – Summary of Samples and Analytical Methods
- Table 2 – Summary of Analytical Results
- Table 3 – Summary of Qualification Actions

A summary of table notes applicable to Tables 1, 2, and 3 is presented just before Table 1.

Laboratory deliverables included:

- Category B deliverable as defined in the New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocols (NYSDEC, 2005).

The Category A review included the following evaluations. Data review checklists are provided as Attachment A.

- Lab Report Narrative Review
- Data Package Completeness and COC records (Table 1 verification)
- Sample Preservation and Holding Times
- QC Blanks
- Laboratory Control Samples (LCS)
- Matrix Spike and Matrix Spike Duplicate (MS/MSD) (as applicable)
- Field Duplicates (as applicable)
- Surrogates (as applicable)
- Reporting Limits
- Electronic Data Qualification and Verification

The following laboratory data qualifiers or data review qualifiers are used in the final data presentation:

U = target analyte is not detected at or above the reporting limit

J = concentration is estimated

UJ = target analyte is not detected, value is estimated

J- = concentration is estimated with potential low bias

Results are interpreted to be usable as reported by the laboratory or as qualified in the following section.

## **2.0 POTENTIAL DATA LIMITATIONS**

Based on the Category A Review the data meet the data quality objectives; however, the following potential limitations were identified:

### VOCs by Method 8260C

Samples 401003PES0712XX, 401003MW0413XX, 401003MWI70413XX, and 401003MW0612XX were analyzed at various dilutions (2X-4X). Non-detect results are reported with elevated reporting limits as indicated in Table 2.

### SVOCs by Method 8270D

As noted in the narrative, percent recoveries for 2,2'-dichlorodiisopropylether, 2-nitroaniline, N-nitrosodi-n-propylamine, and 2-nitroaniline in the continuing calibration verification (CCV) standard associated with a subset of samples were less than the lower control limit. Reporting limits for 2,2'-dichlorodiisopropylether, 2-nitroaniline, N-nitrosodi-n-propylamine, and 2-nitroaniline in associated samples were qualified estimated (UJ). Qualified results are summarized in Table 3 with reason code CCV.

The LCS/LCSDs associated with all samples had percent recoveries for caprolactam and hexachlorocyclopentadiene that were less than the lower QC limit. Positive and non-detected results for caprolactam and hexachlorocyclopentadiene in all samples were qualified as estimated with potential low bias (J-/UJ) and are listed in Table 3 with reason code LCSL.

One or more surrogate recoveries for a subset of samples were less than the lower QC limit. Positive and non-detected results in affected samples were qualified estimated with potential low bias (J-/UJ) and are listed in Table 3 with reason code SSL.

#### Diesel Range Organics by Method 8015D

Low concentration detections of petroleum hydrocarbons (C20-C34) were qualified non-detect (U) based on contamination in the laboratory method blank. Qualified results are summarized in Table 3 with reason code BL1.

#### Mercury by Method 7470A

Sample 401003MW05B54XX22 was analyzed at a two-fold (2X) dilution. Mercury was not detected in the sample and an elevated reporting limit is listed in Table 2.

#### Metals by Method 6010D

The low concentration detection of manganese in sample 401003MW2610XX was qualified as non-detect (U) based on contamination in the laboratory method blank. The qualified result is included in Table 3 with reason code BL1.

#### Hexavalent Chromium by Method 7199

A subset of samples was analyzed after expiration of the 24-hour holding time. Results for hexavalent chromium in affected samples were qualified estimated (UJ/J) and are listed in Table 3 with reason code HT.

#### Nitrate by Method 353.2

The following samples were analyzed outside of the 48-hour analytical holding time: 401003MW4309XX, 401003MW1707XX, 401003MW1507XX, 401003MW08B38XX, 401003PES0512XX, 401003MW0413XX, and 401003MW04B46XX. Positive and non-detected results for nitrate in these samples were qualified estimated (J/UJ) and are listed in Table 3 with reason code HT.

#### **Reference:**

NYSDEC, 2005. "Analytical Services Protocols"; July 2005.

Data Validator: Talia Sultan, EEEG Project Chemist



Date: 8/22/2024

Reviewed by: Julie Ricardi

A handwritten signature in black ink that reads "Julie Ricardi". The signature is written in a cursive, flowing style.

Date: 9/12/2024

**Standard Table Notes:**

Sample Type (QC Code)

FS – field sample  
FD – field duplicate  
TB – trip blank  
EB – equipment blank  
FB – field blank

Matrix

GW – ground water  
BW – blank water  
TW – tap water  
SV – soil vapor  
SED - sediment

Units

mg/L – milligrams per liter  
ng/L – nanograms per liter  
µg/L – micrograms per liter  
mg/kg – milligrams per kilogram  
µg/kg – micrograms per kilogram  
µg/m<sup>3</sup> – micrograms per cubic meter

Qualifiers

U – not detected above quantitation limit  
J – estimated quantity  
J+ - estimated quantity, biased high  
J- - estimated quantity, biased low  
R – data unusable

Fraction

T – total  
D – dissolved  
N – normal

Qualification Reason Codes

BL1 – method blank qualifier  
BL2 – field or trip blank qualifier  
CCV – continuing calibration verification recovery outside limits  
CCV%D – continuing calibration verification percent difference exceeds goal  
CCVRRF – continuing calibration relative response factor low  
CI – chromatographic interference present  
DCPD – dual column percent difference exceeds limit  
E – result exceeds calibration range  
  
EIS – Extracted internal standard recovery outside limits  
FD – field duplicate precision goal exceeded  
FP – false positive interference  
HT – holding time for prep or analysis exceeded  
HTG – holding time for prep or analysis grossly exceeded  
  
IR – Qualifier ion ratio outside limits  
ICV – initial calibration verification recovery outside limit  
ICVRRF – initial calibration verification relative response factor low  
  
ICVRS – initial calibration verification % relative standard deviation exceeds goal  
  
ISH – internal standard response greater than limit  
ISL – internal standard response less than limit  
LCSH – laboratory control sample recovery high  
LCSL – laboratory control sample recovery low  
  
LCSRPD – laboratory control sample/duplicate relative % difference precision goal exceeded  
  
LD – lab duplicate precision goal exceeded  
MSH – matrix spike and/or MS duplicate recovery high  
MSL – matrix spike and/or MS duplicate recovery low  
MSRPD – matrix spike/duplicate relative % difference precision goal exceeded  
N – analyte identification is not certain  
PEM – performance evaluation mixture exceeds limit  
PM – sample percent moisture exceeds EPA guideline  
  
RFL – Qualifier ion signal to noise ratio less than limit  
SD – serial dilution result exceeds percent difference limit  
SP – sample preservation/collection does not meet method requirement  
  
SSH – surrogate recovery high  
SSL – surrogate recovery low  
TD – dissolved concentration exceeds total

TABLE 1 - SUMMARY OF SAMPLES AND ANALYTICAL METHODS  
CATEGORY A REVIEW  
MAY 2024 GROUNDWATER SAMPLING PROGRAM  
AL TECH SPECIALTY STEEL SITE  
COLONIE, NEW YORK

Lab SDG	Location	Field Sample ID	Sample Date	Media	Qc Co	Method Class		VOCs	SVOCs	PCBs	Metals	Metals	Metals	Metals	Hex Chrome	Ammonia	Anions	Anions	Organic
						TALBFLO	TALBFLO	TALBFLO	TALBFLO	TALBFLO	TALBFLO	TALBFLO	TALBFLO	ACTD	TALBFLO	TALBFLO	TALBFLO	TALBFLO	
						SW8260C	SW8270D	SW8082A	SW6010D	SW6010D	SW7470A	SW7470A	SW8467199	E350.1	E300.0	E353.2	SW8015D		
						N	N	N	T	D	T	D	T	N	N	N	N		
						Param_Ct	Param_Ct	Param_Ct	Param_Ct	Param_Ct	Param_Ct	Param_Ct	Param_Ct	Param_Ct	Param_Ct	Param_Ct	Param_Ct	Param_Ct	
480-220127-1	H-4D	401003H4D22XX	5/21/2024	GW	FS			10	9			1							
480-220127-1	H-4S	401003H4S10XX	5/21/2024	GW	FS			10	9			1							
480-220127-1	MW-15	401003MW1507XX	5/21/2024	GW	FS	58	66	10	9			1		1		2	1	2	
480-220127-1	MW-17	401003MW1707XX	5/21/2024	GW	FS	58	66	10	9			1		1		2	1	2	
480-220127-1	MW-24	401003MW2413XX	5/21/2024	GW	FS			10	9			1							
480-220127-1	MW-26	401003MW2610XX	5/21/2024	GW	FS			10	9			1							
480-220127-1	MW-26B	401003MW26B32XX	5/21/2024	GW	FS			10	9			1							
480-220127-1	MW-37	401003MW3714XX	5/21/2024	GW	FS			10	9			1							
480-220127-1	MW-39	401003MW3914XX	5/21/2024	GW	FS			10	9			1							
480-220127-1	MW-43	401003MW4309XX	5/21/2024	GW	FS	58	66	10	9			1		1		2	1	2	
480-220127-1	MW-8B	401003MW08B38XX	5/21/2024	GW	FS	58	66	10	9			1		1		2	1	2	
480-220127-1	QC	TRIP BLANK	5/16/2024	BW	TB	58													
480-220201-1	DP-09	401003DP0912XX	5/22/2024	GW	FS	58													
480-220201-1	MW-1	401003MW0120XX	5/22/2024	GW	FS			10	9			1							
480-220201-1	MW-11	401003MW1111XX	5/22/2024	GW	FS			10	9			1							
480-220201-1	MW-12	401003MW1211XX	5/22/2024	GW	FS			10	9			1							
480-220201-1	MW-14	401003MW1412XX	5/22/2024	GW	FS			10	9			1							
480-220201-1	MW-18	401003MW1813XX	5/22/2024	GW	FS	58	66	10	9			1						2	
480-220201-1	MW-19B	401003MW19B38XX	5/23/2024	GW	FS	58	66	10	9			1		1		2	1	2	
480-220201-1	MW-1B	401003MW1918XX	5/23/2024	GW	FS	58	66	10	9			1		1		2	1	2	
480-220201-1	MW-1B	401003MW1B32XX	5/22/2024	GW	FS			10	9			1							
480-220201-1	MW-22	401003MW2214XX	5/23/2024	GW	FS	58	66	10	9			1							
480-220201-1	MW-27R	401003MW27R12XX	5/22/2024	GW	FS	58													
480-220201-1	MW-3	401003MW0315XX	5/23/2024	GW	FS			10	9			1							
480-220201-1	MW-32	401003MW3209XX	5/22/2024	GW	FS			10	9			1							
480-220201-1	MW-3B	401003MW3B45XX	5/23/2024	GW	FS			10	9	9		1	1						
480-220201-1	MW-4	401003MW0413XX	5/22/2024	GW	FS	58	66	10	9			1		1		2	1	2	
480-220201-1	MW-4B	401003MW04B46XX	5/22/2024	GW	FS	58	66	10	9			1		1		2	1	2	
480-220201-1	MW-5	401003MW0513XX	5/23/2024	GW	FS	58	66	10	9			1						2	
480-220201-1	MW-5B	401003MW05B54XX	5/23/2024	GW	FS	58	66	10	9	9		1	1					2	
480-220201-1	MW-6	401003MW0612XX	5/23/2024	GW	FS	58	66	10	9			1						2	
480-220201-1	MW-6B	401003MW06B59XX	5/22/2024	GW	FS	58	66	10	9			1						2	
480-220201-1	MW-G501	401003MWG50111XX	5/23/2024	GW	FS		66	10	9			1							
480-220201-1	MW-I704	401003MWI70413XX	5/22/2024	GW	FS	58	66	10	9			1							
480-220201-1	PES-5	401003PES0512XX	5/22/2024	GW	FS	58	66	10	9			1			1		2	1	2

TABLE 1 - SUMMARY OF SAMPLES AND ANALYTICAL METHODS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

Lab SDG	Location	Field Sample ID	Sample Date	Media	Qc Co	Method Class	VOCs	SVOCs	PCBs	Metals	Metals	Metals	Metals	Hex Chrome	Ammonia	Anions	Anions	Organic	
						Lab ID	TALBFLO	ACTD	TALBFLO	TALBFLO	TALBFLO	TALBFLO	TALBFLO						
						Analysis Method	SW8260C	SW8270D	SW8082A	SW6010D	SW6010D	SW7470A	SW7470A	SW8467199	E350.1	E300.0	E353.2	SW8015D	
						Fraction	N	N	N	T	D	T	D	T	N	N	N	N	
						Param_Ct	Param_Ct	Param_Ct	Param_Ct	Param_Ct	Param_Ct	Param_Ct	Param_Ct	Param_Ct	Param_Ct	Param_Ct	Param_Ct	Param_Ct	Param_Ct
480-220201-1	PES-7	401003PES0712XX	5/22/2024	GW	FS		58	66	10	9		1						2	
JD88916	H-4D	401003H4D22XX	5/21/2024	GW	FS									1					
JD88916	H-4S	401003H4S10XX	5/21/2024	GW	FS									1					
JD88916	MW-15	401003MW1507XX	5/21/2024	GW	FS									1					
JD88916	MW-17	401003MW1707XX	5/21/2024	GW	FS									1					
JD88916	MW-24	401003MW2413XX	5/21/2024	GW	FS									1					
JD88916	MW-26	401003MW2610XX	5/21/2024	GW	FS									1					
JD88916	MW-26B	401003MW26B37XX	5/21/2024	GW	FS									1					
JD88916	MW-37	401003MW3714XX	5/21/2024	GW	FS									1					
JD88916	MW-39	401003MW3914XX	5/21/2024	GW	FS									1					
JD88916	MW-43	401003MW4309XX	5/21/2024	GW	FS									1					
JD88916	MW-8B	401003MW08B38XX	5/21/2024	GW	FS									1					
JD89099	MW-1	401003MW0120XX	5/22/2024	GW	FS									1					
JD89099	MW-14	401003MW1412XX	5/22/2024	GW	FS									1					
JD89099	MW-1B	401003MW1B32XX	5/22/2024	GW	FS									1					
JD89099	MW-32	401003MW3209XX	5/22/2024	GW	FS									1					

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	DP-09		H-4D		H-4D	
					Lab Sample Delivery Group	480-220201-1		480-220127-1		JD88916	
					Field Sample Date	5/22/2024		5/21/2024		5/21/2024	
					Field Sample ID	401003DP0912XX		401003H4D22XX		401003H4D22XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	1,1,1-Trichloroethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,1,2,2-Tetrachloroethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,1,2-Trichloroethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,1-Dichloroethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,1-Dichloroethene	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,2,3-Trichlorobenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,2,4-Trichlorobenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,2,4-Trimethylbenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,2-Dibromo-3-chloropropane	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,2-Dibromoethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,2-Dichlorobenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,2-Dichloroethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,2-Dichloropropane	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,3,5-Trimethylbenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,3-Dichlorobenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,4-Dichlorobenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,4-Dioxane	UG/L	40	U				
L	VOCs	SW8260C	N	2-Butanone	UG/L	10	U				
L	VOCs	SW8260C	N	2-Hexanone	UG/L	5.0	U				
L	VOCs	SW8260C	N	4-iso-Propyltoluene	UG/L	1.0	U				
L	VOCs	SW8260C	N	4-Methyl-2-pentanone	UG/L	5.0	U				
L	VOCs	SW8260C	N	Acetic acid, methyl ester	UG/L	2.5	U				
L	VOCs	SW8260C	N	Acetone	UG/L	10	U				
L	VOCs	SW8260C	N	Benzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	Bromochloromethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	Bromodichloromethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	Bromoform	UG/L	1.0	U				
L	VOCs	SW8260C	N	Bromomethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	Carbon disulfide	UG/L	1.0	U				

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	DP-09		H-4D		H-4D	
					Lab Sample Delivery Group	480-220201-1		480-220127-1		JD88916	
					Field Sample Date	5/22/2024		5/21/2024		5/21/2024	
					Field Sample ID	401003DP0912XX		401003H4D22XX		401003H4D22XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	Carbon tetrachloride	UG/L	1.0	U				
L	VOCs	SW8260C	N	Chlorobenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	Chloroethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	Chloroform	UG/L	1.0	U				
L	VOCs	SW8260C	N	Chloromethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	cis-1,2-Dichloroethene	UG/L	1.0	U				
L	VOCs	SW8260C	N	cis-1,3-Dichloropropene	UG/L	1.0	U				
L	VOCs	SW8260C	N	Cyclohexane	UG/L	1.0	U				
L	VOCs	SW8260C	N	Dibromochloromethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	Dichlorodifluoromethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	Ethylbenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	Isopropylbenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	Methyl cyclohexane	UG/L	1.0	U				
L	VOCs	SW8260C	N	Methyl Tertbutyl Ether	UG/L	1.0	U				
L	VOCs	SW8260C	N	Methylene chloride	UG/L	1.0	U				
L	VOCs	SW8260C	N	n-Butylbenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	Propylbenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	sec-Butylbenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	Styrene	UG/L	1.0	U				
L	VOCs	SW8260C	N	tert-Butylbenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	Tetrachloroethene	UG/L	1.0	U				
L	VOCs	SW8260C	N	Toluene	UG/L	1.0	U				
L	VOCs	SW8260C	N	trans-1,2-Dichloroethene	UG/L	1.0	U				
L	VOCs	SW8260C	N	trans-1,3-Dichloropropene	UG/L	1.0	U				
L	VOCs	SW8260C	N	Trichloroethene	UG/L	1.0	U				
L	VOCs	SW8260C	N	Trichlorofluoromethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	Vinyl chloride	UG/L	1.0	U				
L	VOCs	SW8260C	N	Xylenes, Total	UG/L	2.0	U				
L	Ammonia	E350.1	N	Ammonium	MG/L						
L	Anions	E300.0	N	Sulfate	MG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	DP-09		H-4D		H-4D	
					Lab Sample Delivery Group	480-220201-1		480-220127-1		JD88916	
					Field Sample Date	5/22/2024		5/21/2024		5/21/2024	
					Field Sample ID	401003DP0912XX		401003H4D22XX		401003H4D22XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	Anions	E300.0	N	Fluoride	MG/L						
L	Anions	E353.2	N	Nitrate as N	MG/L						
L	Hex Chrome	SW8467199	T	Chromium, Hexavalent	MG/L					0.0055	U
L	Metals	SW6010D	D	Arsenic	MG/L						
L	Metals	SW6010D	D	Barium	MG/L						
L	Metals	SW6010D	D	Chromium	MG/L						
L	Metals	SW6010D	D	Copper	MG/L						
L	Metals	SW6010D	D	Lead	MG/L						
L	Metals	SW6010D	D	Manganese	MG/L						
L	Metals	SW6010D	D	Molybdenum	MG/L						
L	Metals	SW6010D	D	Nickel	MG/L						
L	Metals	SW6010D	D	Selenium	MG/L						
L	Metals	SW6010D	T	Arsenic	MG/L			0.015	U		
L	Metals	SW6010D	T	Barium	MG/L			0.23			
L	Metals	SW6010D	T	Chromium	MG/L			0.004	U		
L	Metals	SW6010D	T	Copper	MG/L			0.01	U		
L	Metals	SW6010D	T	Lead	MG/L			0.01	U		
L	Metals	SW6010D	T	Manganese	MG/L			15.8			
L	Metals	SW6010D	T	Molybdenum	MG/L			0.053			
L	Metals	SW6010D	T	Nickel	MG/L			0.012			
L	Metals	SW6010D	T	Selenium	MG/L			0.025	U		
L	Metals	SW7470A	D	Mercury	MG/L						
L	Metals	SW7470A	T	Mercury	MG/L			0.0002	U		
L	Organic Range	SW8015D	N	Diesel Range Organics	MG/L						
L	Organic Range	SW8015D	N	Petroleum Hydrocarbons C20-C34	MG/L						
L	PCBs	SW8082A	N	Aroclor-1016	UG/L			0.057	U		
L	PCBs	SW8082A	N	Aroclor-1221	UG/L			0.057	U		
L	PCBs	SW8082A	N	Aroclor-1232	UG/L			0.057	U		
L	PCBs	SW8082A	N	Aroclor-1242	UG/L			0.057	U		
L	PCBs	SW8082A	N	Aroclor-1248	UG/L			0.057	U		

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	DP-09		H-4D		H-4D	
					Lab Sample Delivery Group	480-220201-1		480-220127-1		JD88916	
					Field Sample Date	5/22/2024		5/21/2024		5/21/2024	
					Field Sample ID	401003DP0912XX		401003H4D22XX		401003H4D22XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	PCBs	SW8082A	N	Aroclor-1254	UG/L			0.057	U		
L	PCBs	SW8082A	N	Aroclor-1260	UG/L			0.057	U		
L	PCBs	SW8082A	N	Aroclor-1262	UG/L			0.057	U		
L	PCBs	SW8082A	N	Aroclor-1268	UG/L			0.057	U		
L	PCBs	SW8082A	N	Total PCBs	UG/L			0.057	U		
L	SVOCs	SW8270D	N	1,2,4,5-Tetrachlorobenzene	UG/L						
L	SVOCs	SW8270D	N	2,2'-Dichlorodiisopropylether	UG/L						
L	SVOCs	SW8270D	N	2,4,5-Trichlorophenol	UG/L						
L	SVOCs	SW8270D	N	2,4,6-Trichlorophenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dichlorophenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dimethylphenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dinitrophenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dinitrotoluene	UG/L						
L	SVOCs	SW8270D	N	2,6-Dinitrotoluene	UG/L						
L	SVOCs	SW8270D	N	2-Chloronaphthalene	UG/L						
L	SVOCs	SW8270D	N	2-Chlorophenol	UG/L						
L	SVOCs	SW8270D	N	2-Methylnaphthalene	UG/L						
L	SVOCs	SW8270D	N	2-Methylphenol	UG/L						
L	SVOCs	SW8270D	N	2-Nitroaniline	UG/L						
L	SVOCs	SW8270D	N	2-Nitrophenol	UG/L						
L	SVOCs	SW8270D	N	3,3'-Dichlorobenzidine	UG/L						
L	SVOCs	SW8270D	N	3-Nitroaniline	UG/L						
L	SVOCs	SW8270D	N	4,6-Dinitro-2-methylphenol	UG/L						
L	SVOCs	SW8270D	N	4-Bromophenyl phenyl ether	UG/L						
L	SVOCs	SW8270D	N	4-Chloro-3-methylphenol	UG/L						
L	SVOCs	SW8270D	N	4-Chloroaniline	UG/L						
L	SVOCs	SW8270D	N	4-Chlorophenyl phenyl ether	UG/L						
L	SVOCs	SW8270D	N	4-Methylphenol	UG/L						
L	SVOCs	SW8270D	N	4-Nitroaniline	UG/L						
L	SVOCs	SW8270D	N	4-Nitrophenol	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	DP-09		H-4D		H-4D	
					Lab Sample Delivery Group	480-220201-1		480-220127-1		JD88916	
					Field Sample Date	5/22/2024		5/21/2024		5/21/2024	
					Field Sample ID	401003DP0912XX		401003H4D22XX		401003H4D22XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Acenaphthene	UG/L						
L	SVOCs	SW8270D	N	Acenaphthylene	UG/L						
L	SVOCs	SW8270D	N	Acetophenone	UG/L						
L	SVOCs	SW8270D	N	Anthracene	UG/L						
L	SVOCs	SW8270D	N	Atrazine	UG/L						
L	SVOCs	SW8270D	N	Benzaldehyde	UG/L						
L	SVOCs	SW8270D	N	Benzo(a)anthracene	UG/L						
L	SVOCs	SW8270D	N	Benzo(a)pyrene	UG/L						
L	SVOCs	SW8270D	N	Benzo(b)fluoranthene	UG/L						
L	SVOCs	SW8270D	N	Benzo(ghi)perylene	UG/L						
L	SVOCs	SW8270D	N	Benzo(k)fluoranthene	UG/L						
L	SVOCs	SW8270D	N	Biphenyl	UG/L						
L	SVOCs	SW8270D	N	Bis(2-Chloroethoxy)methane	UG/L						
L	SVOCs	SW8270D	N	Bis(2-Chloroethyl)ether	UG/L						
L	SVOCs	SW8270D	N	Bis(2-Ethylhexyl)phthalate	UG/L						
L	SVOCs	SW8270D	N	Butylbenzylphthalate	UG/L						
L	SVOCs	SW8270D	N	Caprolactam	UG/L						
L	SVOCs	SW8270D	N	Carbazole	UG/L						
L	SVOCs	SW8270D	N	Chrysene	UG/L						
L	SVOCs	SW8270D	N	Di-n-butylphthalate	UG/L						
L	SVOCs	SW8270D	N	Di-n-octylphthalate	UG/L						
L	SVOCs	SW8270D	N	Dibenz(a,h)anthracene	UG/L						
L	SVOCs	SW8270D	N	Dibenzofuran	UG/L						
L	SVOCs	SW8270D	N	Diethylphthalate	UG/L						
L	SVOCs	SW8270D	N	Dimethylphthalate	UG/L						
L	SVOCs	SW8270D	N	Fluoranthene	UG/L						
L	SVOCs	SW8270D	N	Fluorene	UG/L						
L	SVOCs	SW8270D	N	Hexachlorobenzene	UG/L						
L	SVOCs	SW8270D	N	Hexachlorobutadiene	UG/L						
L	SVOCs	SW8270D	N	Hexachlorocyclopentadiene	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	DP-09	H-4D	H-4D			
					Lab Sample Delivery Group	480-220201-1	480-220127-1	JD88916			
					Field Sample Date	5/22/2024	5/21/2024	5/21/2024			
					Field Sample ID	401003DP0912XX	401003H4D22XX	401003H4D22XX			
					Qc Code	FS	FS	FS			
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Hexachloroethane	UG/L						
L	SVOCs	SW8270D	N	Indeno(1,2,3-cd)pyrene	UG/L						
L	SVOCs	SW8270D	N	Isophorone	UG/L						
L	SVOCs	SW8270D	N	N-Nitrosodi-n-propylamine	UG/L						
L	SVOCs	SW8270D	N	N-Nitrosodiphenylamine	UG/L						
L	SVOCs	SW8270D	N	Naphthalene	UG/L						
L	SVOCs	SW8270D	N	Nitrobenzene	UG/L						
L	SVOCs	SW8270D	N	Pentachlorophenol	UG/L						
L	SVOCs	SW8270D	N	Phenanthrene	UG/L						
L	SVOCs	SW8270D	N	Phenol	UG/L						
L	SVOCs	SW8270D	N	Pyrene	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	H-4S		H-4S		MW-1	
					Lab Sample Delivery Group	480-220127-1		JD88916		480-220201-1	
					Field Sample Date	5/21/2024		5/21/2024		5/22/2024	
					Field Sample ID	401003H4S10XX		401003H4S10XX		401003MW0120XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	1,1,1-Trichloroethane	UG/L						
L	VOCs	SW8260C	N	1,1,2,2-Tetrachloroethane	UG/L						
L	VOCs	SW8260C	N	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	UG/L						
L	VOCs	SW8260C	N	1,1,2-Trichloroethane	UG/L						
L	VOCs	SW8260C	N	1,1-Dichloroethane	UG/L						
L	VOCs	SW8260C	N	1,1-Dichloroethene	UG/L						
L	VOCs	SW8260C	N	1,2,3-Trichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,2,4-Trichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,2,4-Trimethylbenzene	UG/L						
L	VOCs	SW8260C	N	1,2-Dibromo-3-chloropropane	UG/L						
L	VOCs	SW8260C	N	1,2-Dibromoethane	UG/L						
L	VOCs	SW8260C	N	1,2-Dichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,2-Dichloroethane	UG/L						
L	VOCs	SW8260C	N	1,2-Dichloropropane	UG/L						
L	VOCs	SW8260C	N	1,3,5-Trimethylbenzene	UG/L						
L	VOCs	SW8260C	N	1,3-Dichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,4-Dichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,4-Dioxane	UG/L						
L	VOCs	SW8260C	N	2-Butanone	UG/L						
L	VOCs	SW8260C	N	2-Hexanone	UG/L						
L	VOCs	SW8260C	N	4-iso-Propyltoluene	UG/L						
L	VOCs	SW8260C	N	4-Methyl-2-pentanone	UG/L						
L	VOCs	SW8260C	N	Acetic acid, methyl ester	UG/L						
L	VOCs	SW8260C	N	Acetone	UG/L						
L	VOCs	SW8260C	N	Benzene	UG/L						
L	VOCs	SW8260C	N	Bromochloromethane	UG/L						
L	VOCs	SW8260C	N	Bromodichloromethane	UG/L						
L	VOCs	SW8260C	N	Bromoform	UG/L						
L	VOCs	SW8260C	N	Bromomethane	UG/L						
L	VOCs	SW8260C	N	Carbon disulfide	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	H-4S		H-4S		MW-1	
					Lab Sample Delivery Group	480-220127-1		JD88916		480-220201-1	
					Field Sample Date	5/21/2024		5/21/2024		5/22/2024	
					Field Sample ID	401003H4S10XX		401003H4S10XX		401003MW0120XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	Carbon tetrachloride	UG/L						
L	VOCs	SW8260C	N	Chlorobenzene	UG/L						
L	VOCs	SW8260C	N	Chloroethane	UG/L						
L	VOCs	SW8260C	N	Chloroform	UG/L						
L	VOCs	SW8260C	N	Chloromethane	UG/L						
L	VOCs	SW8260C	N	cis-1,2-Dichloroethene	UG/L						
L	VOCs	SW8260C	N	cis-1,3-Dichloropropene	UG/L						
L	VOCs	SW8260C	N	Cyclohexane	UG/L						
L	VOCs	SW8260C	N	Dibromochloromethane	UG/L						
L	VOCs	SW8260C	N	Dichlorodifluoromethane	UG/L						
L	VOCs	SW8260C	N	Ethylbenzene	UG/L						
L	VOCs	SW8260C	N	Isopropylbenzene	UG/L						
L	VOCs	SW8260C	N	Methyl cyclohexane	UG/L						
L	VOCs	SW8260C	N	Methyl Tertbutyl Ether	UG/L						
L	VOCs	SW8260C	N	Methylene chloride	UG/L						
L	VOCs	SW8260C	N	n-Butylbenzene	UG/L						
L	VOCs	SW8260C	N	Propylbenzene	UG/L						
L	VOCs	SW8260C	N	sec-Butylbenzene	UG/L						
L	VOCs	SW8260C	N	Styrene	UG/L						
L	VOCs	SW8260C	N	tert-Butylbenzene	UG/L						
L	VOCs	SW8260C	N	Tetrachloroethene	UG/L						
L	VOCs	SW8260C	N	Toluene	UG/L						
L	VOCs	SW8260C	N	trans-1,2-Dichloroethene	UG/L						
L	VOCs	SW8260C	N	trans-1,3-Dichloropropene	UG/L						
L	VOCs	SW8260C	N	Trichloroethene	UG/L						
L	VOCs	SW8260C	N	Trichlorofluoromethane	UG/L						
L	VOCs	SW8260C	N	Vinyl chloride	UG/L						
L	VOCs	SW8260C	N	Xylenes, Total	UG/L						
L	Ammonia	E350.1	N	Ammonium	MG/L						
L	Anions	E300.0	N	Sulfate	MG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	H-4S		H-4S		MW-1	
					Lab Sample Delivery Group	480-220127-1		JD88916		480-220201-1	
					Field Sample Date	5/21/2024		5/21/2024		5/22/2024	
					Field Sample ID	401003H4S10XX		401003H4S10XX		401003MW0120XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	Anions	E300.0	N	Fluoride	MG/L						
L	Anions	E353.2	N	Nitrate as N	MG/L						
L	Hex Chrome	SW8467199	T	Chromium, Hexavalent	MG/L			0.0055	U		
L	Metals	SW6010D	D	Arsenic	MG/L						
L	Metals	SW6010D	D	Barium	MG/L						
L	Metals	SW6010D	D	Chromium	MG/L						
L	Metals	SW6010D	D	Copper	MG/L						
L	Metals	SW6010D	D	Lead	MG/L						
L	Metals	SW6010D	D	Manganese	MG/L						
L	Metals	SW6010D	D	Molybdenum	MG/L						
L	Metals	SW6010D	D	Nickel	MG/L						
L	Metals	SW6010D	D	Selenium	MG/L						
L	Metals	SW6010D	T	Arsenic	MG/L	0.015	U			0.015	U
L	Metals	SW6010D	T	Barium	MG/L	0.045				0.05	
L	Metals	SW6010D	T	Chromium	MG/L	0.0031	J			0.29	
L	Metals	SW6010D	T	Copper	MG/L	0.01	U			0.0053	J
L	Metals	SW6010D	T	Lead	MG/L	0.01	U			0.01	U
L	Metals	SW6010D	T	Manganese	MG/L	0.041				0.0038	
L	Metals	SW6010D	T	Molybdenum	MG/L	0.01	U			0.99	
L	Metals	SW6010D	T	Nickel	MG/L	0.0024	J			0.01	U
L	Metals	SW6010D	T	Selenium	MG/L	0.025	U			0.06	
L	Metals	SW7470A	D	Mercury	MG/L						
L	Metals	SW7470A	T	Mercury	MG/L	0.0002	U			0.0002	U
L	Organic Range	SW8015D	N	Diesel Range Organics	MG/L						
L	Organic Range	SW8015D	N	Petroleum Hydrocarbons C20-C34	MG/L						
L	PCBs	SW8082A	N	Aroclor-1016	UG/L	0.057	U			0.062	U
L	PCBs	SW8082A	N	Aroclor-1221	UG/L	0.057	U			0.062	U
L	PCBs	SW8082A	N	Aroclor-1232	UG/L	0.057	U			0.062	U
L	PCBs	SW8082A	N	Aroclor-1242	UG/L	0.057	U			0.062	U
L	PCBs	SW8082A	N	Aroclor-1248	UG/L	0.057	U			0.062	U

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 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	H-4S		H-4S		MW-1	
					Lab Sample Delivery Group	480-220127-1		JD88916		480-220201-1	
					Field Sample Date	5/21/2024		5/21/2024		5/22/2024	
					Field Sample ID	401003H4S10XX		401003H4S10XX		401003MW0120XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	PCBs	SW8082A	N	Aroclor-1254	UG/L	0.057	U			0.062	U
L	PCBs	SW8082A	N	Aroclor-1260	UG/L	0.49				0.062	U
L	PCBs	SW8082A	N	Aroclor-1262	UG/L	0.057	U			0.062	U
L	PCBs	SW8082A	N	Aroclor-1268	UG/L	0.057	U			0.062	U
L	PCBs	SW8082A	N	Total PCBs	UG/L	0.49				0.062	U
L	SVOCs	SW8270D	N	1,2,4,5-Tetrachlorobenzene	UG/L						
L	SVOCs	SW8270D	N	2,2'-Dichlorodiisopropylether	UG/L						
L	SVOCs	SW8270D	N	2,4,5-Trichlorophenol	UG/L						
L	SVOCs	SW8270D	N	2,4,6-Trichlorophenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dichlorophenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dimethylphenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dinitrophenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dinitrotoluene	UG/L						
L	SVOCs	SW8270D	N	2,6-Dinitrotoluene	UG/L						
L	SVOCs	SW8270D	N	2-Chloronaphthalene	UG/L						
L	SVOCs	SW8270D	N	2-Chlorophenol	UG/L						
L	SVOCs	SW8270D	N	2-Methylnaphthalene	UG/L						
L	SVOCs	SW8270D	N	2-Methylphenol	UG/L						
L	SVOCs	SW8270D	N	2-Nitroaniline	UG/L						
L	SVOCs	SW8270D	N	2-Nitrophenol	UG/L						
L	SVOCs	SW8270D	N	3,3'-Dichlorobenzidine	UG/L						
L	SVOCs	SW8270D	N	3-Nitroaniline	UG/L						
L	SVOCs	SW8270D	N	4,6-Dinitro-2-methylphenol	UG/L						
L	SVOCs	SW8270D	N	4-Bromophenyl phenyl ether	UG/L						
L	SVOCs	SW8270D	N	4-Chloro-3-methylphenol	UG/L						
L	SVOCs	SW8270D	N	4-Chloroaniline	UG/L						
L	SVOCs	SW8270D	N	4-Chlorophenyl phenyl ether	UG/L						
L	SVOCs	SW8270D	N	4-Methylphenol	UG/L						
L	SVOCs	SW8270D	N	4-Nitroaniline	UG/L						
L	SVOCs	SW8270D	N	4-Nitrophenol	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	H-4S		H-4S		MW-1	
					Lab Sample Delivery Group	480-220127-1		JD88916		480-220201-1	
					Field Sample Date	5/21/2024		5/21/2024		5/22/2024	
					Field Sample ID	401003H4S10XX		401003H4S10XX		401003MW0120XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Acenaphthene	UG/L						
L	SVOCs	SW8270D	N	Acenaphthylene	UG/L						
L	SVOCs	SW8270D	N	Acetophenone	UG/L						
L	SVOCs	SW8270D	N	Anthracene	UG/L						
L	SVOCs	SW8270D	N	Atrazine	UG/L						
L	SVOCs	SW8270D	N	Benzaldehyde	UG/L						
L	SVOCs	SW8270D	N	Benzo(a)anthracene	UG/L						
L	SVOCs	SW8270D	N	Benzo(a)pyrene	UG/L						
L	SVOCs	SW8270D	N	Benzo(b)fluoranthene	UG/L						
L	SVOCs	SW8270D	N	Benzo(ghi)perylene	UG/L						
L	SVOCs	SW8270D	N	Benzo(k)fluoranthene	UG/L						
L	SVOCs	SW8270D	N	Biphenyl	UG/L						
L	SVOCs	SW8270D	N	Bis(2-Chloroethoxy)methane	UG/L						
L	SVOCs	SW8270D	N	Bis(2-Chloroethyl)ether	UG/L						
L	SVOCs	SW8270D	N	Bis(2-Ethylhexyl)phthalate	UG/L						
L	SVOCs	SW8270D	N	Butylbenzylphthalate	UG/L						
L	SVOCs	SW8270D	N	Caprolactam	UG/L						
L	SVOCs	SW8270D	N	Carbazole	UG/L						
L	SVOCs	SW8270D	N	Chrysene	UG/L						
L	SVOCs	SW8270D	N	Di-n-butylphthalate	UG/L						
L	SVOCs	SW8270D	N	Di-n-octylphthalate	UG/L						
L	SVOCs	SW8270D	N	Dibenz(a,h)anthracene	UG/L						
L	SVOCs	SW8270D	N	Dibenzofuran	UG/L						
L	SVOCs	SW8270D	N	Diethylphthalate	UG/L						
L	SVOCs	SW8270D	N	Dimethylphthalate	UG/L						
L	SVOCs	SW8270D	N	Fluoranthene	UG/L						
L	SVOCs	SW8270D	N	Fluorene	UG/L						
L	SVOCs	SW8270D	N	Hexachlorobenzene	UG/L						
L	SVOCs	SW8270D	N	Hexachlorobutadiene	UG/L						
L	SVOCs	SW8270D	N	Hexachlorocyclopentadiene	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	H-4S		H-4S		MW-1	
					Lab Sample Delivery Group	480-220127-1		JD88916		480-220201-1	
					Field Sample Date	5/21/2024		5/21/2024		5/22/2024	
					Field Sample ID	401003H4S10XX		401003H4S10XX		401003MW0120XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Hexachloroethane	UG/L						
L	SVOCs	SW8270D	N	Indeno(1,2,3-cd)pyrene	UG/L						
L	SVOCs	SW8270D	N	Isophorone	UG/L						
L	SVOCs	SW8270D	N	N-Nitrosodi-n-propylamine	UG/L						
L	SVOCs	SW8270D	N	N-Nitrosodiphenylamine	UG/L						
L	SVOCs	SW8270D	N	Naphthalene	UG/L						
L	SVOCs	SW8270D	N	Nitrobenzene	UG/L						
L	SVOCs	SW8270D	N	Pentachlorophenol	UG/L						
L	SVOCs	SW8270D	N	Phenanthrene	UG/L						
L	SVOCs	SW8270D	N	Phenol	UG/L						
L	SVOCs	SW8270D	N	Pyrene	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-1		MW-11		MW-12	
					Lab Sample Delivery Group	JD89099		480-220201-1		480-220201-1	
					Field Sample Date	5/22/2024		5/22/2024		5/22/2024	
					Field Sample ID	401003MW0120XX		401003MW1111XX		401003MW1211XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	1,1,1-Trichloroethane	UG/L						
L	VOCs	SW8260C	N	1,1,2,2-Tetrachloroethane	UG/L						
L	VOCs	SW8260C	N	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	UG/L						
L	VOCs	SW8260C	N	1,1,2-Trichloroethane	UG/L						
L	VOCs	SW8260C	N	1,1-Dichloroethane	UG/L						
L	VOCs	SW8260C	N	1,1-Dichloroethene	UG/L						
L	VOCs	SW8260C	N	1,2,3-Trichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,2,4-Trichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,2,4-Trimethylbenzene	UG/L						
L	VOCs	SW8260C	N	1,2-Dibromo-3-chloropropane	UG/L						
L	VOCs	SW8260C	N	1,2-Dibromoethane	UG/L						
L	VOCs	SW8260C	N	1,2-Dichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,2-Dichloroethane	UG/L						
L	VOCs	SW8260C	N	1,2-Dichloropropane	UG/L						
L	VOCs	SW8260C	N	1,3,5-Trimethylbenzene	UG/L						
L	VOCs	SW8260C	N	1,3-Dichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,4-Dichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,4-Dioxane	UG/L						
L	VOCs	SW8260C	N	2-Butanone	UG/L						
L	VOCs	SW8260C	N	2-Hexanone	UG/L						
L	VOCs	SW8260C	N	4-iso-Propyltoluene	UG/L						
L	VOCs	SW8260C	N	4-Methyl-2-pentanone	UG/L						
L	VOCs	SW8260C	N	Acetic acid, methyl ester	UG/L						
L	VOCs	SW8260C	N	Acetone	UG/L						
L	VOCs	SW8260C	N	Benzene	UG/L						
L	VOCs	SW8260C	N	Bromochloromethane	UG/L						
L	VOCs	SW8260C	N	Bromodichloromethane	UG/L						
L	VOCs	SW8260C	N	Bromoform	UG/L						
L	VOCs	SW8260C	N	Bromomethane	UG/L						
L	VOCs	SW8260C	N	Carbon disulfide	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-1		MW-11		MW-12	
					Lab Sample Delivery Group	JD89099		480-220201-1		480-220201-1	
					Field Sample Date	5/22/2024		5/22/2024		5/22/2024	
					Field Sample ID	401003MW0120XX		401003MW1111XX		401003MW1211XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	Carbon tetrachloride	UG/L						
L	VOCs	SW8260C	N	Chlorobenzene	UG/L						
L	VOCs	SW8260C	N	Chloroethane	UG/L						
L	VOCs	SW8260C	N	Chloroform	UG/L						
L	VOCs	SW8260C	N	Chloromethane	UG/L						
L	VOCs	SW8260C	N	cis-1,2-Dichloroethene	UG/L						
L	VOCs	SW8260C	N	cis-1,3-Dichloropropene	UG/L						
L	VOCs	SW8260C	N	Cyclohexane	UG/L						
L	VOCs	SW8260C	N	Dibromochloromethane	UG/L						
L	VOCs	SW8260C	N	Dichlorodifluoromethane	UG/L						
L	VOCs	SW8260C	N	Ethylbenzene	UG/L						
L	VOCs	SW8260C	N	Isopropylbenzene	UG/L						
L	VOCs	SW8260C	N	Methyl cyclohexane	UG/L						
L	VOCs	SW8260C	N	Methyl Tertbutyl Ether	UG/L						
L	VOCs	SW8260C	N	Methylene chloride	UG/L						
L	VOCs	SW8260C	N	n-Butylbenzene	UG/L						
L	VOCs	SW8260C	N	Propylbenzene	UG/L						
L	VOCs	SW8260C	N	sec-Butylbenzene	UG/L						
L	VOCs	SW8260C	N	Styrene	UG/L						
L	VOCs	SW8260C	N	tert-Butylbenzene	UG/L						
L	VOCs	SW8260C	N	Tetrachloroethene	UG/L						
L	VOCs	SW8260C	N	Toluene	UG/L						
L	VOCs	SW8260C	N	trans-1,2-Dichloroethene	UG/L						
L	VOCs	SW8260C	N	trans-1,3-Dichloropropene	UG/L						
L	VOCs	SW8260C	N	Trichloroethene	UG/L						
L	VOCs	SW8260C	N	Trichlorofluoromethane	UG/L						
L	VOCs	SW8260C	N	Vinyl chloride	UG/L						
L	VOCs	SW8260C	N	Xylenes, Total	UG/L						
L	Ammonia	E350.1	N	Ammonium	MG/L						
L	Anions	E300.0	N	Sulfate	MG/L						

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 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-1		MW-11		MW-12	
					Lab Sample Delivery Group	JD89099		480-220201-1		480-220201-1	
					Field Sample Date	5/22/2024		5/22/2024		5/22/2024	
					Field Sample ID	401003MW0120XX		401003MW1111XX		401003MW1211XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	Anions	E300.0	N	Fluoride	MG/L						
L	Anions	E353.2	N	Nitrate as N	MG/L						
L	Hex Chrome	SW8467199	T	Chromium, Hexavalent	MG/L	0.28	J				
L	Metals	SW6010D	D	Arsenic	MG/L						
L	Metals	SW6010D	D	Barium	MG/L						
L	Metals	SW6010D	D	Chromium	MG/L						
L	Metals	SW6010D	D	Copper	MG/L						
L	Metals	SW6010D	D	Lead	MG/L						
L	Metals	SW6010D	D	Manganese	MG/L						
L	Metals	SW6010D	D	Molybdenum	MG/L						
L	Metals	SW6010D	D	Nickel	MG/L						
L	Metals	SW6010D	D	Selenium	MG/L						
L	Metals	SW6010D	T	Arsenic	MG/L			0.015	U	0.015	U
L	Metals	SW6010D	T	Barium	MG/L			0.093		0.07	
L	Metals	SW6010D	T	Chromium	MG/L			0.004	U	0.015	
L	Metals	SW6010D	T	Copper	MG/L			0.01	U	0.0037	J
L	Metals	SW6010D	T	Lead	MG/L			0.01	U	0.01	U
L	Metals	SW6010D	T	Manganese	MG/L			2.0		0.85	
L	Metals	SW6010D	T	Molybdenum	MG/L			0.49		0.41	
L	Metals	SW6010D	T	Nickel	MG/L			0.0017	J	0.011	
L	Metals	SW6010D	T	Selenium	MG/L			0.025	U	0.025	U
L	Metals	SW7470A	D	Mercury	MG/L						
L	Metals	SW7470A	T	Mercury	MG/L			0.0002	U	0.0002	U
L	Organic Range	SW8015D	N	Diesel Range Organics	MG/L						
L	Organic Range	SW8015D	N	Petroleum Hydrocarbons C20-C34	MG/L						
L	PCBs	SW8082A	N	Aroclor-1016	UG/L			0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1221	UG/L			0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1232	UG/L			0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1242	UG/L			0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1248	UG/L			0.057	U	0.057	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-1		MW-11		MW-12	
					Lab Sample Delivery Group	JD89099		480-220201-1		480-220201-1	
					Field Sample Date	5/22/2024		5/22/2024		5/22/2024	
					Field Sample ID	401003MW0120XX		401003MW1111XX		401003MW1211XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	PCBs	SW8082A	N	Aroclor-1254	UG/L			0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1260	UG/L			0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1262	UG/L			0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1268	UG/L			0.057	U	0.057	U
L	PCBs	SW8082A	N	Total PCBs	UG/L			0.057	U	0.057	U
L	SVOCs	SW8270D	N	1,2,4,5-Tetrachlorobenzene	UG/L						
L	SVOCs	SW8270D	N	2,2'-Dichlorodiisopropylether	UG/L						
L	SVOCs	SW8270D	N	2,4,5-Trichlorophenol	UG/L						
L	SVOCs	SW8270D	N	2,4,6-Trichlorophenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dichlorophenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dimethylphenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dinitrophenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dinitrotoluene	UG/L						
L	SVOCs	SW8270D	N	2,6-Dinitrotoluene	UG/L						
L	SVOCs	SW8270D	N	2-Chloronaphthalene	UG/L						
L	SVOCs	SW8270D	N	2-Chlorophenol	UG/L						
L	SVOCs	SW8270D	N	2-Methylnaphthalene	UG/L						
L	SVOCs	SW8270D	N	2-Methylphenol	UG/L						
L	SVOCs	SW8270D	N	2-Nitroaniline	UG/L						
L	SVOCs	SW8270D	N	2-Nitrophenol	UG/L						
L	SVOCs	SW8270D	N	3,3'-Dichlorobenzidine	UG/L						
L	SVOCs	SW8270D	N	3-Nitroaniline	UG/L						
L	SVOCs	SW8270D	N	4,6-Dinitro-2-methylphenol	UG/L						
L	SVOCs	SW8270D	N	4-Bromophenyl phenyl ether	UG/L						
L	SVOCs	SW8270D	N	4-Chloro-3-methylphenol	UG/L						
L	SVOCs	SW8270D	N	4-Chloroaniline	UG/L						
L	SVOCs	SW8270D	N	4-Chlorophenyl phenyl ether	UG/L						
L	SVOCs	SW8270D	N	4-Methylphenol	UG/L						
L	SVOCs	SW8270D	N	4-Nitroaniline	UG/L						
L	SVOCs	SW8270D	N	4-Nitrophenol	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-1		MW-11		MW-12	
					Lab Sample Delivery Group	JD89099		480-220201-1		480-220201-1	
					Field Sample Date	5/22/2024		5/22/2024		5/22/2024	
					Field Sample ID	401003MW0120XX		401003MW1111XX		401003MW1211XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Acenaphthene	UG/L						
L	SVOCs	SW8270D	N	Acenaphthylene	UG/L						
L	SVOCs	SW8270D	N	Acetophenone	UG/L						
L	SVOCs	SW8270D	N	Anthracene	UG/L						
L	SVOCs	SW8270D	N	Atrazine	UG/L						
L	SVOCs	SW8270D	N	Benzaldehyde	UG/L						
L	SVOCs	SW8270D	N	Benzo(a)anthracene	UG/L						
L	SVOCs	SW8270D	N	Benzo(a)pyrene	UG/L						
L	SVOCs	SW8270D	N	Benzo(b)fluoranthene	UG/L						
L	SVOCs	SW8270D	N	Benzo(ghi)perylene	UG/L						
L	SVOCs	SW8270D	N	Benzo(k)fluoranthene	UG/L						
L	SVOCs	SW8270D	N	Biphenyl	UG/L						
L	SVOCs	SW8270D	N	Bis(2-Chloroethoxy)methane	UG/L						
L	SVOCs	SW8270D	N	Bis(2-Chloroethyl)ether	UG/L						
L	SVOCs	SW8270D	N	Bis(2-Ethylhexyl)phthalate	UG/L						
L	SVOCs	SW8270D	N	Butylbenzylphthalate	UG/L						
L	SVOCs	SW8270D	N	Caprolactam	UG/L						
L	SVOCs	SW8270D	N	Carbazole	UG/L						
L	SVOCs	SW8270D	N	Chrysene	UG/L						
L	SVOCs	SW8270D	N	Di-n-butylphthalate	UG/L						
L	SVOCs	SW8270D	N	Di-n-octylphthalate	UG/L						
L	SVOCs	SW8270D	N	Dibenz(a,h)anthracene	UG/L						
L	SVOCs	SW8270D	N	Dibenzofuran	UG/L						
L	SVOCs	SW8270D	N	Diethylphthalate	UG/L						
L	SVOCs	SW8270D	N	Dimethylphthalate	UG/L						
L	SVOCs	SW8270D	N	Fluoranthene	UG/L						
L	SVOCs	SW8270D	N	Fluorene	UG/L						
L	SVOCs	SW8270D	N	Hexachlorobenzene	UG/L						
L	SVOCs	SW8270D	N	Hexachlorobutadiene	UG/L						
L	SVOCs	SW8270D	N	Hexachlorocyclopentadiene	UG/L						

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 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-1		MW-11		MW-12	
					Lab Sample Delivery Group	JD89099		480-220201-1		480-220201-1	
					Field Sample Date	5/22/2024		5/22/2024		5/22/2024	
					Field Sample ID	401003MW0120XX		401003MW1111XX		401003MW1211XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Hexachloroethane	UG/L						
L	SVOCs	SW8270D	N	Indeno(1,2,3-cd)pyrene	UG/L						
L	SVOCs	SW8270D	N	Isophorone	UG/L						
L	SVOCs	SW8270D	N	N-Nitrosodi-n-propylamine	UG/L						
L	SVOCs	SW8270D	N	N-Nitrosodiphenylamine	UG/L						
L	SVOCs	SW8270D	N	Naphthalene	UG/L						
L	SVOCs	SW8270D	N	Nitrobenzene	UG/L						
L	SVOCs	SW8270D	N	Pentachlorophenol	UG/L						
L	SVOCs	SW8270D	N	Phenanthrene	UG/L						
L	SVOCs	SW8270D	N	Phenol	UG/L						
L	SVOCs	SW8270D	N	Pyrene	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-14		MW-14		MW-15	
					Lab Sample Delivery Group	480-220201-1		JD89099		480-220127-1	
					Field Sample Date	5/22/2024		5/22/2024		5/21/2024	
					Field Sample ID	401003MW1412XX		401003MW1412XX		401003MW1507XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	1,1,1-Trichloroethane	UG/L					1.0	U
L	VOCs	SW8260C	N	1,1,2,2-Tetrachloroethane	UG/L					1.0	U
L	VOCs	SW8260C	N	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	UG/L					1.0	U
L	VOCs	SW8260C	N	1,1,2-Trichloroethane	UG/L					1.0	U
L	VOCs	SW8260C	N	1,1-Dichloroethane	UG/L					1.0	U
L	VOCs	SW8260C	N	1,1-Dichloroethene	UG/L					1.0	U
L	VOCs	SW8260C	N	1,2,3-Trichlorobenzene	UG/L					1.0	U
L	VOCs	SW8260C	N	1,2,4-Trichlorobenzene	UG/L					1.0	U
L	VOCs	SW8260C	N	1,2,4-Trimethylbenzene	UG/L					1.0	U
L	VOCs	SW8260C	N	1,2-Dibromo-3-chloropropane	UG/L					1.0	U
L	VOCs	SW8260C	N	1,2-Dibromoethane	UG/L					1.0	U
L	VOCs	SW8260C	N	1,2-Dichlorobenzene	UG/L					1.0	U
L	VOCs	SW8260C	N	1,2-Dichloroethane	UG/L					1.0	U
L	VOCs	SW8260C	N	1,2-Dichloropropane	UG/L					1.0	U
L	VOCs	SW8260C	N	1,3,5-Trimethylbenzene	UG/L					1.0	U
L	VOCs	SW8260C	N	1,3-Dichlorobenzene	UG/L					1.0	U
L	VOCs	SW8260C	N	1,4-Dichlorobenzene	UG/L					1.0	U
L	VOCs	SW8260C	N	1,4-Dioxane	UG/L					40	U
L	VOCs	SW8260C	N	2-Butanone	UG/L					10	U
L	VOCs	SW8260C	N	2-Hexanone	UG/L					5.0	U
L	VOCs	SW8260C	N	4-iso-Propyltoluene	UG/L					1.0	U
L	VOCs	SW8260C	N	4-Methyl-2-pentanone	UG/L					5.0	U
L	VOCs	SW8260C	N	Acetic acid, methyl ester	UG/L					2.5	U
L	VOCs	SW8260C	N	Acetone	UG/L					10	U
L	VOCs	SW8260C	N	Benzene	UG/L					1.0	U
L	VOCs	SW8260C	N	Bromochloromethane	UG/L					1.0	U
L	VOCs	SW8260C	N	Bromodichloromethane	UG/L					1.0	U
L	VOCs	SW8260C	N	Bromoform	UG/L					1.0	U
L	VOCs	SW8260C	N	Bromomethane	UG/L					1.0	U
L	VOCs	SW8260C	N	Carbon disulfide	UG/L					1.0	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-14		MW-14		MW-15	
					Lab Sample Delivery Group	480-220201-1		JD89099		480-220127-1	
					Field Sample Date	5/22/2024		5/22/2024		5/21/2024	
					Field Sample ID	401003MW1412XX		401003MW1412XX		401003MW1507XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	Carbon tetrachloride	UG/L					1.0	U
L	VOCs	SW8260C	N	Chlorobenzene	UG/L					1.0	U
L	VOCs	SW8260C	N	Chloroethane	UG/L					1.0	U
L	VOCs	SW8260C	N	Chloroform	UG/L					1.0	U
L	VOCs	SW8260C	N	Chloromethane	UG/L					1.0	U
L	VOCs	SW8260C	N	cis-1,2-Dichloroethene	UG/L					1.0	U
L	VOCs	SW8260C	N	cis-1,3-Dichloropropene	UG/L					1.0	U
L	VOCs	SW8260C	N	Cyclohexane	UG/L					1.0	U
L	VOCs	SW8260C	N	Dibromochloromethane	UG/L					1.0	U
L	VOCs	SW8260C	N	Dichlorodifluoromethane	UG/L					1.0	U
L	VOCs	SW8260C	N	Ethylbenzene	UG/L					1.0	U
L	VOCs	SW8260C	N	Isopropylbenzene	UG/L					1.0	U
L	VOCs	SW8260C	N	Methyl cyclohexane	UG/L					1.0	U
L	VOCs	SW8260C	N	Methyl Tertbutyl Ether	UG/L					1.0	U
L	VOCs	SW8260C	N	Methylene chloride	UG/L					1.0	U
L	VOCs	SW8260C	N	n-Butylbenzene	UG/L					1.0	U
L	VOCs	SW8260C	N	Propylbenzene	UG/L					1.0	U
L	VOCs	SW8260C	N	sec-Butylbenzene	UG/L					1.0	U
L	VOCs	SW8260C	N	Styrene	UG/L					1.0	U
L	VOCs	SW8260C	N	tert-Butylbenzene	UG/L					1.0	U
L	VOCs	SW8260C	N	Tetrachloroethene	UG/L					1.0	U
L	VOCs	SW8260C	N	Toluene	UG/L					1.0	U
L	VOCs	SW8260C	N	trans-1,2-Dichloroethene	UG/L					1.0	U
L	VOCs	SW8260C	N	trans-1,3-Dichloropropene	UG/L					1.0	U
L	VOCs	SW8260C	N	Trichloroethene	UG/L					1.0	U
L	VOCs	SW8260C	N	Trichlorofluoromethane	UG/L					1.0	U
L	VOCs	SW8260C	N	Vinyl chloride	UG/L					1.0	U
L	VOCs	SW8260C	N	Xylenes, Total	UG/L					2.0	U
L	Ammonia	E350.1	N	Ammonium	MG/L					0.02	U
L	Anions	E300.0	N	Sulfate	MG/L					77.4	

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 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-14		MW-14		MW-15	
					Lab Sample Delivery Group	480-220201-1		JD89099		480-220127-1	
					Field Sample Date	5/22/2024		5/22/2024		5/21/2024	
					Field Sample ID	401003MW1412XX		401003MW1412XX		401003MW1507XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	Anions	E300.0	N	Fluoride	MG/L					0.23	J
L	Anions	E353.2	N	Nitrate as N	MG/L					0.05	UJ
L	Hex Chrome	SW8467199	T	Chromium, Hexavalent	MG/L			0.0055	UJ		
L	Metals	SW6010D	D	Arsenic	MG/L						
L	Metals	SW6010D	D	Barium	MG/L						
L	Metals	SW6010D	D	Chromium	MG/L						
L	Metals	SW6010D	D	Copper	MG/L						
L	Metals	SW6010D	D	Lead	MG/L						
L	Metals	SW6010D	D	Manganese	MG/L						
L	Metals	SW6010D	D	Molybdenum	MG/L						
L	Metals	SW6010D	D	Nickel	MG/L						
L	Metals	SW6010D	D	Selenium	MG/L						
L	Metals	SW6010D	T	Arsenic	MG/L	0.015	U			0.015	U
L	Metals	SW6010D	T	Barium	MG/L	0.22				0.12	
L	Metals	SW6010D	T	Chromium	MG/L	0.004	U			0.004	U
L	Metals	SW6010D	T	Copper	MG/L	0.01	U			0.01	U
L	Metals	SW6010D	T	Lead	MG/L	0.01	U			0.01	U
L	Metals	SW6010D	T	Manganese	MG/L	0.95				0.4	
L	Metals	SW6010D	T	Molybdenum	MG/L	0.18				0.089	
L	Metals	SW6010D	T	Nickel	MG/L	0.0016	J			0.017	
L	Metals	SW6010D	T	Selenium	MG/L	0.025	U			0.025	U
L	Metals	SW7470A	D	Mercury	MG/L						
L	Metals	SW7470A	T	Mercury	MG/L	0.0002	U			0.0002	U
L	Organic Range	SW8015D	N	Diesel Range Organics	MG/L					0.5	U
L	Organic Range	SW8015D	N	Petroleum Hydrocarbons C20-C34	MG/L					0.5	U
L	PCBs	SW8082A	N	Aroclor-1016	UG/L	0.057	U			0.063	U
L	PCBs	SW8082A	N	Aroclor-1221	UG/L	0.057	U			0.063	U
L	PCBs	SW8082A	N	Aroclor-1232	UG/L	0.057	U			0.063	U
L	PCBs	SW8082A	N	Aroclor-1242	UG/L	0.057	U			0.063	U
L	PCBs	SW8082A	N	Aroclor-1248	UG/L	0.057	U			0.063	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-14		MW-14		MW-15	
					Lab Sample Delivery Group	480-220201-1		JD89099		480-220127-1	
					Field Sample Date	5/22/2024		5/22/2024		5/21/2024	
					Field Sample ID	401003MW1412XX		401003MW1412XX		401003MW1507XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	PCBs	SW8082A	N	Aroclor-1254	UG/L	0.081				0.063	U
L	PCBs	SW8082A	N	Aroclor-1260	UG/L	0.057	U			0.063	U
L	PCBs	SW8082A	N	Aroclor-1262	UG/L	0.057	U			0.063	U
L	PCBs	SW8082A	N	Aroclor-1268	UG/L	0.057	U			0.063	U
L	PCBs	SW8082A	N	Total PCBs	UG/L	0.081				0.063	U
L	SVOCs	SW8270D	N	1,2,4,5-Tetrachlorobenzene	UG/L					5.0	U
L	SVOCs	SW8270D	N	2,2'-Dichlorodiisopropylether	UG/L					5.0	U
L	SVOCs	SW8270D	N	2,4,5-Trichlorophenol	UG/L					5.0	U
L	SVOCs	SW8270D	N	2,4,6-Trichlorophenol	UG/L					5.0	U
L	SVOCs	SW8270D	N	2,4-Dichlorophenol	UG/L					5.0	U
L	SVOCs	SW8270D	N	2,4-Dimethylphenol	UG/L					5.0	U
L	SVOCs	SW8270D	N	2,4-Dinitrophenol	UG/L					10	U
L	SVOCs	SW8270D	N	2,4-Dinitrotoluene	UG/L					5.0	U
L	SVOCs	SW8270D	N	2,6-Dinitrotoluene	UG/L					5.0	U
L	SVOCs	SW8270D	N	2-Chloronaphthalene	UG/L					5.0	U
L	SVOCs	SW8270D	N	2-Chlorophenol	UG/L					5.0	U
L	SVOCs	SW8270D	N	2-Methylnaphthalene	UG/L					5.0	U
L	SVOCs	SW8270D	N	2-Methylphenol	UG/L					5.0	U
L	SVOCs	SW8270D	N	2-Nitroaniline	UG/L					10	U
L	SVOCs	SW8270D	N	2-Nitrophenol	UG/L					5.0	U
L	SVOCs	SW8270D	N	3,3'-Dichlorobenzidine	UG/L					5.0	U
L	SVOCs	SW8270D	N	3-Nitroaniline	UG/L					10	U
L	SVOCs	SW8270D	N	4,6-Dinitro-2-methylphenol	UG/L					10	U
L	SVOCs	SW8270D	N	4-Bromophenyl phenyl ether	UG/L					5.0	U
L	SVOCs	SW8270D	N	4-Chloro-3-methylphenol	UG/L					5.0	U
L	SVOCs	SW8270D	N	4-Chloroaniline	UG/L					5.0	U
L	SVOCs	SW8270D	N	4-Chlorophenyl phenyl ether	UG/L					5.0	U
L	SVOCs	SW8270D	N	4-Methylphenol	UG/L					10	U
L	SVOCs	SW8270D	N	4-Nitroaniline	UG/L					10	U
L	SVOCs	SW8270D	N	4-Nitrophenol	UG/L					10	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-14		MW-14		MW-15	
					Lab Sample Delivery Group	480-220201-1		JD89099		480-220127-1	
					Field Sample Date	5/22/2024		5/22/2024		5/21/2024	
					Field Sample ID	401003MW1412XX		401003MW1412XX		401003MW1507XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Acenaphthene	UG/L					5.0	U
L	SVOCs	SW8270D	N	Acenaphthylene	UG/L					5.0	U
L	SVOCs	SW8270D	N	Acetophenone	UG/L					5.0	U
L	SVOCs	SW8270D	N	Anthracene	UG/L					5.0	U
L	SVOCs	SW8270D	N	Atrazine	UG/L					5.0	U
L	SVOCs	SW8270D	N	Benzaldehyde	UG/L					5.0	U
L	SVOCs	SW8270D	N	Benzo(a)anthracene	UG/L					5.0	U
L	SVOCs	SW8270D	N	Benzo(a)pyrene	UG/L					5.0	U
L	SVOCs	SW8270D	N	Benzo(b)fluoranthene	UG/L					5.0	U
L	SVOCs	SW8270D	N	Benzo(ghi)perylene	UG/L					5.0	U
L	SVOCs	SW8270D	N	Benzo(k)fluoranthene	UG/L					5.0	U
L	SVOCs	SW8270D	N	Biphenyl	UG/L					5.0	U
L	SVOCs	SW8270D	N	Bis(2-Chloroethoxy)methane	UG/L					5.0	U
L	SVOCs	SW8270D	N	Bis(2-Chloroethyl)ether	UG/L					5.0	U
L	SVOCs	SW8270D	N	Bis(2-Ethylhexyl)phthalate	UG/L					5.0	U
L	SVOCs	SW8270D	N	Butylbenzylphthalate	UG/L					5.0	U
L	SVOCs	SW8270D	N	Caprolactam	UG/L					2.3	J-
L	SVOCs	SW8270D	N	Carbazole	UG/L					5.0	U
L	SVOCs	SW8270D	N	Chrysene	UG/L					5.0	U
L	SVOCs	SW8270D	N	Di-n-butylphthalate	UG/L					5.0	U
L	SVOCs	SW8270D	N	Di-n-octylphthalate	UG/L					5.0	U
L	SVOCs	SW8270D	N	Dibenz(a,h)anthracene	UG/L					5.0	U
L	SVOCs	SW8270D	N	Dibenzofuran	UG/L					10	U
L	SVOCs	SW8270D	N	Diethylphthalate	UG/L					5.0	U
L	SVOCs	SW8270D	N	Dimethylphthalate	UG/L					5.0	U
L	SVOCs	SW8270D	N	Fluoranthene	UG/L					5.0	U
L	SVOCs	SW8270D	N	Fluorene	UG/L					5.0	U
L	SVOCs	SW8270D	N	Hexachlorobenzene	UG/L					5.0	U
L	SVOCs	SW8270D	N	Hexachlorobutadiene	UG/L					5.0	U
L	SVOCs	SW8270D	N	Hexachlorocyclopentadiene	UG/L					5.0	UJ

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-14		MW-14		MW-15	
					Lab Sample Delivery Group	480-220201-1		JD89099		480-220127-1	
					Field Sample Date	5/22/2024		5/22/2024		5/21/2024	
					Field Sample ID	401003MW1412XX		401003MW1412XX		401003MW1507XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Hexachloroethane	UG/L					5.0	U
L	SVOCs	SW8270D	N	Indeno(1,2,3-cd)pyrene	UG/L					5.0	U
L	SVOCs	SW8270D	N	Isophorone	UG/L					5.0	U
L	SVOCs	SW8270D	N	N-Nitrosodi-n-propylamine	UG/L					5.0	U
L	SVOCs	SW8270D	N	N-Nitrosodiphenylamine	UG/L					5.0	U
L	SVOCs	SW8270D	N	Naphthalene	UG/L					5.0	U
L	SVOCs	SW8270D	N	Nitrobenzene	UG/L					5.0	U
L	SVOCs	SW8270D	N	Pentachlorophenol	UG/L					10	U
L	SVOCs	SW8270D	N	Phenanthrene	UG/L					5.0	U
L	SVOCs	SW8270D	N	Phenol	UG/L					5.0	U
L	SVOCs	SW8270D	N	Pyrene	UG/L					5.0	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
CATEGORY A REVIEW  
MAY 2024 GROUNDWATER SAMPLING PROGRAM  
AL TECH SPECIALTY STEEL SITE  
COLONIE, NEW YORK

					Location	MW-15	MW-17	MW-17			
					Lab Sample Delivery Group	JD88916	480-220127-1	JD88916			
					Field Sample Date	5/21/2024	5/21/2024	5/21/2024			
					Field Sample ID	401003MW1507XX	401003MW1707XX	401003MW1707XX			
					Qc Code	FS	FS	FS			
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	1,1,1-Trichloroethane	UG/L			1.0	U		
L	VOCs	SW8260C	N	1,1,2,2-Tetrachloroethane	UG/L			1.0	U		
L	VOCs	SW8260C	N	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	UG/L			1.0	U		
L	VOCs	SW8260C	N	1,1,2-Trichloroethane	UG/L			1.0	U		
L	VOCs	SW8260C	N	1,1-Dichloroethane	UG/L			1.0	U		
L	VOCs	SW8260C	N	1,1-Dichloroethene	UG/L			1.0	U		
L	VOCs	SW8260C	N	1,2,3-Trichlorobenzene	UG/L			1.0	U		
L	VOCs	SW8260C	N	1,2,4-Trichlorobenzene	UG/L			1.0	U		
L	VOCs	SW8260C	N	1,2,4-Trimethylbenzene	UG/L			1.0	U		
L	VOCs	SW8260C	N	1,2-Dibromo-3-chloropropane	UG/L			1.0	U		
L	VOCs	SW8260C	N	1,2-Dibromoethane	UG/L			1.0	U		
L	VOCs	SW8260C	N	1,2-Dichlorobenzene	UG/L			1.0	U		
L	VOCs	SW8260C	N	1,2-Dichloroethane	UG/L			1.0	U		
L	VOCs	SW8260C	N	1,2-Dichloropropane	UG/L			1.0	U		
L	VOCs	SW8260C	N	1,3,5-Trimethylbenzene	UG/L			1.0	U		
L	VOCs	SW8260C	N	1,3-Dichlorobenzene	UG/L			1.0	U		
L	VOCs	SW8260C	N	1,4-Dichlorobenzene	UG/L			1.0	U		
L	VOCs	SW8260C	N	1,4-Dioxane	UG/L			40	U		
L	VOCs	SW8260C	N	2-Butanone	UG/L			10	U		
L	VOCs	SW8260C	N	2-Hexanone	UG/L			5.0	U		
L	VOCs	SW8260C	N	4-iso-Propyltoluene	UG/L			1.0	U		
L	VOCs	SW8260C	N	4-Methyl-2-pentanone	UG/L			5.0	U		
L	VOCs	SW8260C	N	Acetic acid, methyl ester	UG/L			2.5	U		
L	VOCs	SW8260C	N	Acetone	UG/L			10	U		
L	VOCs	SW8260C	N	Benzene	UG/L			1.0	U		
L	VOCs	SW8260C	N	Bromochloromethane	UG/L			1.0	U		
L	VOCs	SW8260C	N	Bromodichloromethane	UG/L			1.0	U		
L	VOCs	SW8260C	N	Bromoform	UG/L			1.0	U		
L	VOCs	SW8260C	N	Bromomethane	UG/L			1.0	U		
L	VOCs	SW8260C	N	Carbon disulfide	UG/L			1.0	U		

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-15	MW-17	MW-17			
					Lab Sample Delivery Group	JD88916	480-220127-1	JD88916			
					Field Sample Date	5/21/2024	5/21/2024	5/21/2024			
					Field Sample ID	401003MW1507XX	401003MW1707XX	401003MW1707XX			
					Qc Code	FS	FS	FS			
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	Carbon tetrachloride	UG/L			1.0	U		
L	VOCs	SW8260C	N	Chlorobenzene	UG/L			1.0	U		
L	VOCs	SW8260C	N	Chloroethane	UG/L			1.0	U		
L	VOCs	SW8260C	N	Chloroform	UG/L			1.0	U		
L	VOCs	SW8260C	N	Chloromethane	UG/L			1.0	U		
L	VOCs	SW8260C	N	cis-1,2-Dichloroethene	UG/L			1.0	U		
L	VOCs	SW8260C	N	cis-1,3-Dichloropropene	UG/L			1.0	U		
L	VOCs	SW8260C	N	Cyclohexane	UG/L			1.0	U		
L	VOCs	SW8260C	N	Dibromochloromethane	UG/L			1.0	U		
L	VOCs	SW8260C	N	Dichlorodifluoromethane	UG/L			1.0	U		
L	VOCs	SW8260C	N	Ethylbenzene	UG/L			1.0	U		
L	VOCs	SW8260C	N	Isopropylbenzene	UG/L			1.0	U		
L	VOCs	SW8260C	N	Methyl cyclohexane	UG/L			1.0	U		
L	VOCs	SW8260C	N	Methyl Tertbutyl Ether	UG/L			1.0	U		
L	VOCs	SW8260C	N	Methylene chloride	UG/L			1.0	U		
L	VOCs	SW8260C	N	n-Butylbenzene	UG/L			1.0	U		
L	VOCs	SW8260C	N	Propylbenzene	UG/L			1.0	U		
L	VOCs	SW8260C	N	sec-Butylbenzene	UG/L			1.0	U		
L	VOCs	SW8260C	N	Styrene	UG/L			1.0	U		
L	VOCs	SW8260C	N	tert-Butylbenzene	UG/L			1.0	U		
L	VOCs	SW8260C	N	Tetrachloroethene	UG/L			1.0	U		
L	VOCs	SW8260C	N	Toluene	UG/L			1.0	U		
L	VOCs	SW8260C	N	trans-1,2-Dichloroethene	UG/L			1.0	U		
L	VOCs	SW8260C	N	trans-1,3-Dichloropropene	UG/L			1.0	U		
L	VOCs	SW8260C	N	Trichloroethene	UG/L			1.0	U		
L	VOCs	SW8260C	N	Trichlorofluoromethane	UG/L			1.0	U		
L	VOCs	SW8260C	N	Vinyl chloride	UG/L			1.0	U		
L	VOCs	SW8260C	N	Xylenes, Total	UG/L			2.0	U		
L	Ammonia	E350.1	N	Ammonium	MG/L			0.02	U		
L	Anions	E300.0	N	Sulfate	MG/L			89.8			

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-15	MW-17	MW-17			
					Lab Sample Delivery Group	JD88916	480-220127-1	JD88916			
					Field Sample Date	5/21/2024	5/21/2024	5/21/2024			
					Field Sample ID	401003MW1507XX	401003MW1707XX	401003MW1707XX			
					Qc Code	FS	FS	FS			
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	Anions	E300.0	N	Fluoride	MG/L			0.41			
L	Anions	E353.2	N	Nitrate as N	MG/L			0.05	UJ		
L	Hex Chrome	SW8467199	T	Chromium, Hexavalent	MG/L	0.0055	UJ			0.0055	UJ
L	Metals	SW6010D	D	Arsenic	MG/L						
L	Metals	SW6010D	D	Barium	MG/L						
L	Metals	SW6010D	D	Chromium	MG/L						
L	Metals	SW6010D	D	Copper	MG/L						
L	Metals	SW6010D	D	Lead	MG/L						
L	Metals	SW6010D	D	Manganese	MG/L						
L	Metals	SW6010D	D	Molybdenum	MG/L						
L	Metals	SW6010D	D	Nickel	MG/L						
L	Metals	SW6010D	D	Selenium	MG/L						
L	Metals	SW6010D	T	Arsenic	MG/L			0.015	U		
L	Metals	SW6010D	T	Barium	MG/L			0.045			
L	Metals	SW6010D	T	Chromium	MG/L			0.004	U		
L	Metals	SW6010D	T	Copper	MG/L			0.01	U		
L	Metals	SW6010D	T	Lead	MG/L			0.01	U		
L	Metals	SW6010D	T	Manganese	MG/L			1.1			
L	Metals	SW6010D	T	Molybdenum	MG/L			0.014			
L	Metals	SW6010D	T	Nickel	MG/L			0.0013	J		
L	Metals	SW6010D	T	Selenium	MG/L			0.025	U		
L	Metals	SW7470A	D	Mercury	MG/L						
L	Metals	SW7470A	T	Mercury	MG/L			0.0002	U		
L	Organic Range	SW8015D	N	Diesel Range Organics	MG/L			0.5	U		
L	Organic Range	SW8015D	N	Petroleum Hydrocarbons C20-C34	MG/L			0.5	U		
L	PCBs	SW8082A	N	Aroclor-1016	UG/L			0.059	U		
L	PCBs	SW8082A	N	Aroclor-1221	UG/L			0.059	U		
L	PCBs	SW8082A	N	Aroclor-1232	UG/L			0.059	U		
L	PCBs	SW8082A	N	Aroclor-1242	UG/L			0.059	U		
L	PCBs	SW8082A	N	Aroclor-1248	UG/L			0.059	U		

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-15		MW-17		MW-17	
					Lab Sample Delivery Group	JD88916		480-220127-1		JD88916	
					Field Sample Date	5/21/2024		5/21/2024		5/21/2024	
					Field Sample ID	401003MW1507XX		401003MW1707XX		401003MW1707XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	PCBs	SW8082A	N	Aroclor-1254	UG/L			0.059	U		
L	PCBs	SW8082A	N	Aroclor-1260	UG/L			0.059	U		
L	PCBs	SW8082A	N	Aroclor-1262	UG/L			0.059	U		
L	PCBs	SW8082A	N	Aroclor-1268	UG/L			0.059	U		
L	PCBs	SW8082A	N	Total PCBs	UG/L			0.059	U		
L	SVOCs	SW8270D	N	1,2,4,5-Tetrachlorobenzene	UG/L			5.0	U		
L	SVOCs	SW8270D	N	2,2'-Dichlorodiisopropylether	UG/L			5.0	U		
L	SVOCs	SW8270D	N	2,4,5-Trichlorophenol	UG/L			5.0	U		
L	SVOCs	SW8270D	N	2,4,6-Trichlorophenol	UG/L			5.0	U		
L	SVOCs	SW8270D	N	2,4-Dichlorophenol	UG/L			5.0	U		
L	SVOCs	SW8270D	N	2,4-Dimethylphenol	UG/L			5.0	U		
L	SVOCs	SW8270D	N	2,4-Dinitrophenol	UG/L			10	U		
L	SVOCs	SW8270D	N	2,4-Dinitrotoluene	UG/L			5.0	U		
L	SVOCs	SW8270D	N	2,6-Dinitrotoluene	UG/L			5.0	U		
L	SVOCs	SW8270D	N	2-Chloronaphthalene	UG/L			5.0	U		
L	SVOCs	SW8270D	N	2-Chlorophenol	UG/L			5.0	U		
L	SVOCs	SW8270D	N	2-Methylnaphthalene	UG/L			5.0	U		
L	SVOCs	SW8270D	N	2-Methylphenol	UG/L			5.0	U		
L	SVOCs	SW8270D	N	2-Nitroaniline	UG/L			10	U		
L	SVOCs	SW8270D	N	2-Nitrophenol	UG/L			5.0	U		
L	SVOCs	SW8270D	N	3,3'-Dichlorobenzidine	UG/L			5.0	U		
L	SVOCs	SW8270D	N	3-Nitroaniline	UG/L			10	U		
L	SVOCs	SW8270D	N	4,6-Dinitro-2-methylphenol	UG/L			10	U		
L	SVOCs	SW8270D	N	4-Bromophenyl phenyl ether	UG/L			5.0	U		
L	SVOCs	SW8270D	N	4-Chloro-3-methylphenol	UG/L			5.0	U		
L	SVOCs	SW8270D	N	4-Chloroaniline	UG/L			5.0	U		
L	SVOCs	SW8270D	N	4-Chlorophenyl phenyl ether	UG/L			5.0	U		
L	SVOCs	SW8270D	N	4-Methylphenol	UG/L			10	U		
L	SVOCs	SW8270D	N	4-Nitroaniline	UG/L			10	U		
L	SVOCs	SW8270D	N	4-Nitrophenol	UG/L			10	U		

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 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-15		MW-17		MW-17	
					Lab Sample Delivery Group	JD88916		480-220127-1		JD88916	
					Field Sample Date	5/21/2024		5/21/2024		5/21/2024	
					Field Sample ID	401003MW1507XX		401003MW1707XX		401003MW1707XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Acenaphthene	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Acenaphthylene	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Acetophenone	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Anthracene	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Atrazine	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Benzaldehyde	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Benzo(a)anthracene	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Benzo(a)pyrene	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Benzo(b)fluoranthene	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Benzo(ghi)perylene	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Benzo(k)fluoranthene	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Biphenyl	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Bis(2-Chloroethoxy)methane	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Bis(2-Chloroethyl)ether	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Bis(2-Ethylhexyl)phthalate	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Butylbenzylphthalate	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Caprolactam	UG/L			5.0	UJ		
L	SVOCs	SW8270D	N	Carbazole	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Chrysene	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Di-n-butylphthalate	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Di-n-octylphthalate	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Dibenz(a,h)anthracene	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Dibenzofuran	UG/L			10	U		
L	SVOCs	SW8270D	N	Diethylphthalate	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Dimethylphthalate	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Fluoranthene	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Fluorene	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Hexachlorobenzene	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Hexachlorobutadiene	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Hexachlorocyclopentadiene	UG/L			5.0	UJ		

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-15	MW-17	MW-17			
					Lab Sample Delivery Group	JD88916	480-220127-1	JD88916			
					Field Sample Date	5/21/2024	5/21/2024	5/21/2024			
					Field Sample ID	401003MW1507XX	401003MW1707XX	401003MW1707XX			
					Qc Code	FS	FS	FS			
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Hexachloroethane	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Indeno(1,2,3-cd)pyrene	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Isophorone	UG/L			5.0	U		
L	SVOCs	SW8270D	N	N-Nitrosodi-n-propylamine	UG/L			5.0	U		
L	SVOCs	SW8270D	N	N-Nitrosodiphenylamine	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Naphthalene	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Nitrobenzene	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Pentachlorophenol	UG/L			10	U		
L	SVOCs	SW8270D	N	Phenanthrene	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Phenol	UG/L			5.0	U		
L	SVOCs	SW8270D	N	Pyrene	UG/L			5.0	U		

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
CATEGORY A REVIEW  
MAY 2024 GROUNDWATER SAMPLING PROGRAM  
AL TECH SPECIALTY STEEL SITE  
COLONIE, NEW YORK

					Location	MW-18		MW-19B		MW-1B	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220201-1	
					Field Sample Date	5/22/2024		5/23/2024		5/22/2024	
					Field Sample ID	401003MW1813XX		401003MW19B38X		401003MW1B32XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	1,1,1-Trichloroethane	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	1,1,2,2-Tetrachloroethane	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	1,1,2-Trichloroethane	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	1,1-Dichloroethane	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	1,1-Dichloroethene	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	1,2,3-Trichlorobenzene	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	1,2,4-Trichlorobenzene	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	1,2,4-Trimethylbenzene	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	1,2-Dibromo-3-chloropropane	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	1,2-Dibromoethane	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	1,2-Dichlorobenzene	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	1,2-Dichloroethane	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	1,2-Dichloropropane	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	1,3,5-Trimethylbenzene	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	1,3-Dichlorobenzene	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	1,4-Dichlorobenzene	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	1,4-Dioxane	UG/L	40	U	40	U		
L	VOCs	SW8260C	N	2-Butanone	UG/L	10	U	10	U		
L	VOCs	SW8260C	N	2-Hexanone	UG/L	5.0	U	5.0	U		
L	VOCs	SW8260C	N	4-iso-Propyltoluene	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	4-Methyl-2-pentanone	UG/L	5.0	U	5.0	U		
L	VOCs	SW8260C	N	Acetic acid, methyl ester	UG/L	2.5	U	2.5	U		
L	VOCs	SW8260C	N	Acetone	UG/L	10	U	10	U		
L	VOCs	SW8260C	N	Benzene	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	Bromochloromethane	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	Bromodichloromethane	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	Bromoform	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	Bromomethane	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	Carbon disulfide	UG/L	1.0	U	1.0	U		

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
CATEGORY A REVIEW  
MAY 2024 GROUNDWATER SAMPLING PROGRAM  
AL TECH SPECIALTY STEEL SITE  
COLONIE, NEW YORK

					Location	MW-18		MW-19B		MW-1B	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220201-1	
					Field Sample Date	5/22/2024		5/23/2024		5/22/2024	
					Field Sample ID	401003MW1813XX		401003MW19B38X		401003MW1B32XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	Carbon tetrachloride	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	Chlorobenzene	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	Chloroethane	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	Chloroform	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	Chloromethane	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	cis-1,2-Dichloroethene	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	cis-1,3-Dichloropropene	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	Cyclohexane	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	Dibromochloromethane	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	Dichlorodifluoromethane	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	Ethylbenzene	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	Isopropylbenzene	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	Methyl cyclohexane	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	Methyl Tertbutyl Ether	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	Methylene chloride	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	n-Butylbenzene	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	Propylbenzene	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	sec-Butylbenzene	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	Styrene	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	tert-Butylbenzene	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	Tetrachloroethene	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	Toluene	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	trans-1,2-Dichloroethene	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	trans-1,3-Dichloropropene	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	Trichloroethene	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	Trichlorofluoromethane	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	Vinyl chloride	UG/L	1.0	U	1.0	U		
L	VOCs	SW8260C	N	Xylenes, Total	UG/L	2.0	U	2.0	U		
L	Ammonia	E350.1	N	Ammonium	MG/L			0.077			
L	Anions	E300.0	N	Sulfate	MG/L			56.6			

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-18		MW-19B		MW-1B	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220201-1	
					Field Sample Date	5/22/2024		5/23/2024		5/22/2024	
					Field Sample ID	401003MW1813XX		401003MW19B38X		401003MW1B32XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	Anions	E300.0	N	Fluoride	MG/L			12.5			
L	Anions	E353.2	N	Nitrate as N	MG/L			0.062			
L	Hex Chrome	SW8467199	T	Chromium, Hexavalent	MG/L						
L	Metals	SW6010D	D	Arsenic	MG/L						
L	Metals	SW6010D	D	Barium	MG/L						
L	Metals	SW6010D	D	Chromium	MG/L						
L	Metals	SW6010D	D	Copper	MG/L						
L	Metals	SW6010D	D	Lead	MG/L						
L	Metals	SW6010D	D	Manganese	MG/L						
L	Metals	SW6010D	D	Molybdenum	MG/L						
L	Metals	SW6010D	D	Nickel	MG/L						
L	Metals	SW6010D	D	Selenium	MG/L						
L	Metals	SW6010D	T	Arsenic	MG/L	0.015	U	0.015	U	0.015	U
L	Metals	SW6010D	T	Barium	MG/L	0.23		0.093		2.4	
L	Metals	SW6010D	T	Chromium	MG/L	0.0018	J	0.004	U	0.004	U
L	Metals	SW6010D	T	Copper	MG/L	0.01	U	0.01	U	0.01	U
L	Metals	SW6010D	T	Lead	MG/L	0.01	U	0.01	U	0.01	U
L	Metals	SW6010D	T	Manganese	MG/L	11.5		2.1		0.62	
L	Metals	SW6010D	T	Molybdenum	MG/L	0.01	U	0.01	U	0.01	U
L	Metals	SW6010D	T	Nickel	MG/L	0.01	U	0.29		0.01	U
L	Metals	SW6010D	T	Selenium	MG/L	0.025	U	0.025	U	0.025	U
L	Metals	SW7470A	D	Mercury	MG/L						
L	Metals	SW7470A	T	Mercury	MG/L	0.0002	U	0.0002	U	0.0002	U
L	Organic Range	SW8015D	N	Diesel Range Organics	MG/L	0.5	U	0.5	U		
L	Organic Range	SW8015D	N	Petroleum Hydrocarbons C20-C34	MG/L	0.5	U	0.5	U		
L	PCBs	SW8082A	N	Aroclor-1016	UG/L	0.057	U	0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1221	UG/L	0.057	U	0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1232	UG/L	0.057	U	0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1242	UG/L	0.057	U	0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1248	UG/L	0.057	U	0.057	U	0.057	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-18		MW-19B		MW-1B	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220201-1	
					Field Sample Date	5/22/2024		5/23/2024		5/22/2024	
					Field Sample ID	401003MW1813XX		401003MW19B38X		401003MW1B32XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	PCBs	SW8082A	N	Aroclor-1254	UG/L	0.057	U	0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1260	UG/L	0.057	U	0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1262	UG/L	0.057	U	0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1268	UG/L	0.057	U	0.057	U	0.057	U
L	PCBs	SW8082A	N	Total PCBs	UG/L	0.057	U	0.057	U	0.057	U
L	SVOCs	SW8270D	N	1,2,4,5-Tetrachlorobenzene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	2,2'-Dichlorodiisopropylether	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	2,4,5-Trichlorophenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	2,4,6-Trichlorophenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	2,4-Dichlorophenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	2,4-Dimethylphenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	2,4-Dinitrophenol	UG/L	10	U	10	U		
L	SVOCs	SW8270D	N	2,4-Dinitrotoluene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	2,6-Dinitrotoluene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	2-Chloronaphthalene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	2-Chlorophenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	2-Methylnaphthalene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	2-Methylphenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	2-Nitroaniline	UG/L	10	UJ	10	UJ		
L	SVOCs	SW8270D	N	2-Nitrophenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	3,3'-Dichlorobenzidine	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	3-Nitroaniline	UG/L	10	UJ	10	UJ		
L	SVOCs	SW8270D	N	4,6-Dinitro-2-methylphenol	UG/L	10	U	10	U		
L	SVOCs	SW8270D	N	4-Bromophenyl phenyl ether	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	4-Chloro-3-methylphenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	4-Chloroaniline	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	4-Chlorophenyl phenyl ether	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	4-Methylphenol	UG/L	10	U	10	U		
L	SVOCs	SW8270D	N	4-Nitroaniline	UG/L	10	UJ	10	UJ		
L	SVOCs	SW8270D	N	4-Nitrophenol	UG/L	10	U	10	U		

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-18		MW-19B		MW-1B	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220201-1	
					Field Sample Date	5/22/2024		5/23/2024		5/22/2024	
					Field Sample ID	401003MW1813XX		401003MW19B38X		401003MW1B32XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Acenaphthene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Acenaphthylene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Acetophenone	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Anthracene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Atrazine	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Benzaldehyde	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Benzo(a)anthracene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Benzo(a)pyrene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Benzo(b)fluoranthene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Benzo(ghi)perylene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Benzo(k)fluoranthene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Biphenyl	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Bis(2-Chloroethoxy)methane	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Bis(2-Chloroethyl)ether	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Bis(2-Ethylhexyl)phthalate	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Butylbenzylphthalate	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Caprolactam	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Carbazole	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Chrysene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Di-n-butylphthalate	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Di-n-octylphthalate	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Dibenz(a,h)anthracene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Dibenzofuran	UG/L	10	UJ	10	UJ		
L	SVOCs	SW8270D	N	Diethylphthalate	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Dimethylphthalate	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Fluoranthene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Fluorene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Hexachlorobenzene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Hexachlorobutadiene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Hexachlorocyclopentadiene	UG/L	5.0	UJ	5.0	UJ		

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-18	MW-19B	MW-1B			
					Lab Sample Delivery Group	480-220201-1	480-220201-1	480-220201-1			
					Field Sample Date	5/22/2024	5/23/2024	5/22/2024			
					Field Sample ID	401003MW1813XX	401003MW19B38X	401003MW1B32XX			
					Qc Code	FS	FS	FS			
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Hexachloroethane	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Indeno(1,2,3-cd)pyrene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Isophorone	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	N-Nitrosodi-n-propylamine	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	N-Nitrosodiphenylamine	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Naphthalene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Nitrobenzene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Pentachlorophenol	UG/L	10	U	10	U		
L	SVOCs	SW8270D	N	Phenanthrene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Phenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	Pyrene	UG/L	5.0	UJ	5.0	UJ		

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-1B		MW-1B		MW-22	
					Lab Sample Delivery Group	480-220201-1		JD89099		480-220201-1	
					Field Sample Date	5/23/2024		5/22/2024		5/23/2024	
					Field Sample ID	401003MW1918XX		401003MW1B32XX		401003MW2214XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	1,1,1-Trichloroethane	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	1,1,2,2-Tetrachloroethane	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	1,1,2-Trichloroethane	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	1,1-Dichloroethane	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	1,1-Dichloroethene	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	1,2,3-Trichlorobenzene	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	1,2,4-Trichlorobenzene	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	1,2,4-Trimethylbenzene	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	1,2-Dibromo-3-chloropropane	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	1,2-Dibromoethane	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	1,2-Dichlorobenzene	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	1,2-Dichloroethane	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	1,2-Dichloropropane	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	1,3,5-Trimethylbenzene	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	1,3-Dichlorobenzene	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	1,4-Dichlorobenzene	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	1,4-Dioxane	UG/L	40	U			40	U
L	VOCs	SW8260C	N	2-Butanone	UG/L	10	U			10	U
L	VOCs	SW8260C	N	2-Hexanone	UG/L	5.0	U			5.0	U
L	VOCs	SW8260C	N	4-iso-Propyltoluene	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	4-Methyl-2-pentanone	UG/L	5.0	U			5.0	U
L	VOCs	SW8260C	N	Acetic acid, methyl ester	UG/L	2.5	U			2.5	U
L	VOCs	SW8260C	N	Acetone	UG/L	10	U			10	U
L	VOCs	SW8260C	N	Benzene	UG/L	1.0	U			0.81	J
L	VOCs	SW8260C	N	Bromochloromethane	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	Bromodichloromethane	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	Bromoform	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	Bromomethane	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	Carbon disulfide	UG/L	1.0	U			1.0	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
CATEGORY A REVIEW  
MAY 2024 GROUNDWATER SAMPLING PROGRAM  
AL TECH SPECIALTY STEEL SITE  
COLONIE, NEW YORK

					Location	MW-1B		MW-1B		MW-22	
					Lab Sample Delivery Group	480-220201-1		JD89099		480-220201-1	
					Field Sample Date	5/23/2024		5/22/2024		5/23/2024	
					Field Sample ID	401003MW1918XX		401003MW1B32XX		401003MW2214XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	Carbon tetrachloride	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	Chlorobenzene	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	Chloroethane	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	Chloroform	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	Chloromethane	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	cis-1,2-Dichloroethene	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	cis-1,3-Dichloropropene	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	Cyclohexane	UG/L	1.0	U			7.3	
L	VOCs	SW8260C	N	Dibromochloromethane	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	Dichlorodifluoromethane	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	Ethylbenzene	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	Isopropylbenzene	UG/L	1.0	U			19	
L	VOCs	SW8260C	N	Methyl cyclohexane	UG/L	1.0	U			7.8	
L	VOCs	SW8260C	N	Methyl Tertbutyl Ether	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	Methylene chloride	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	n-Butylbenzene	UG/L	1.0	U			5.1	
L	VOCs	SW8260C	N	Propylbenzene	UG/L	1.0	U			23	
L	VOCs	SW8260C	N	sec-Butylbenzene	UG/L	1.0	U			6.6	
L	VOCs	SW8260C	N	Styrene	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	tert-Butylbenzene	UG/L	1.0	U			0.99	J
L	VOCs	SW8260C	N	Tetrachloroethene	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	Toluene	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	trans-1,2-Dichloroethene	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	trans-1,3-Dichloropropene	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	Trichloroethene	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	Trichlorofluoromethane	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	Vinyl chloride	UG/L	1.0	U			1.0	U
L	VOCs	SW8260C	N	Xylenes, Total	UG/L	2.0	U			0.81	J
L	Ammonia	E350.1	N	Ammonium	MG/L	0.028					
L	Anions	E300.0	N	Sulfate	MG/L	55.8					

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-1B		MW-1B		MW-22	
					Lab Sample Delivery Group	480-220201-1		JD89099		480-220201-1	
					Field Sample Date	5/23/2024		5/22/2024		5/23/2024	
					Field Sample ID	401003MW1918XX		401003MW1B32XX		401003MW2214XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	Anions	E300.0	N	Fluoride	MG/L	12.4					
L	Anions	E353.2	N	Nitrate as N	MG/L	0.087					
L	Hex Chrome	SW8467199	T	Chromium, Hexavalent	MG/L			0.0055	UJ		
L	Metals	SW6010D	D	Arsenic	MG/L						
L	Metals	SW6010D	D	Barium	MG/L						
L	Metals	SW6010D	D	Chromium	MG/L						
L	Metals	SW6010D	D	Copper	MG/L						
L	Metals	SW6010D	D	Lead	MG/L						
L	Metals	SW6010D	D	Manganese	MG/L						
L	Metals	SW6010D	D	Molybdenum	MG/L						
L	Metals	SW6010D	D	Nickel	MG/L						
L	Metals	SW6010D	D	Selenium	MG/L						
L	Metals	SW6010D	T	Arsenic	MG/L	0.011	J			0.015	U
L	Metals	SW6010D	T	Barium	MG/L	0.092				0.14	
L	Metals	SW6010D	T	Chromium	MG/L	0.004	U			0.0017	J
L	Metals	SW6010D	T	Copper	MG/L	0.01	U			0.01	U
L	Metals	SW6010D	T	Lead	MG/L	0.01	U			0.01	U
L	Metals	SW6010D	T	Manganese	MG/L	5.8				2.9	
L	Metals	SW6010D	T	Molybdenum	MG/L	0.011				0.0037	J
L	Metals	SW6010D	T	Nickel	MG/L	0.035				0.0063	J
L	Metals	SW6010D	T	Selenium	MG/L	0.025	U			0.025	U
L	Metals	SW7470A	D	Mercury	MG/L						
L	Metals	SW7470A	T	Mercury	MG/L	0.0002	U			0.0002	U
L	Organic Range	SW8015D	N	Diesel Range Organics	MG/L	0.5	U				
L	Organic Range	SW8015D	N	Petroleum Hydrocarbons C20-C34	MG/L	0.5	U				
L	PCBs	SW8082A	N	Aroclor-1016	UG/L	0.057	U			0.057	U
L	PCBs	SW8082A	N	Aroclor-1221	UG/L	0.057	U			0.057	U
L	PCBs	SW8082A	N	Aroclor-1232	UG/L	0.057	U			0.057	U
L	PCBs	SW8082A	N	Aroclor-1242	UG/L	0.057	U			0.057	U
L	PCBs	SW8082A	N	Aroclor-1248	UG/L	0.057	U			0.057	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-1B		MW-1B		MW-22	
					Lab Sample Delivery Group	480-220201-1		JD89099		480-220201-1	
					Field Sample Date	5/23/2024		5/22/2024		5/23/2024	
					Field Sample ID	401003MW1918XX		401003MW1B32XX		401003MW2214XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	PCBs	SW8082A	N	Aroclor-1254	UG/L	0.057	U			0.057	U
L	PCBs	SW8082A	N	Aroclor-1260	UG/L	0.057	U			0.057	U
L	PCBs	SW8082A	N	Aroclor-1262	UG/L	0.057	U			0.057	U
L	PCBs	SW8082A	N	Aroclor-1268	UG/L	0.057	U			0.057	U
L	PCBs	SW8082A	N	Total PCBs	UG/L	0.057	U			0.057	U
L	SVOCs	SW8270D	N	1,2,4,5-Tetrachlorobenzene	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	2,2'-Dichlorodiisopropylether	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	2,4,5-Trichlorophenol	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	2,4,6-Trichlorophenol	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	2,4-Dichlorophenol	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	2,4-Dimethylphenol	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	2,4-Dinitrophenol	UG/L	10	U			10	UJ
L	SVOCs	SW8270D	N	2,4-Dinitrotoluene	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	2,6-Dinitrotoluene	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	2-Chloronaphthalene	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	2-Chlorophenol	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	2-Methylnaphthalene	UG/L	5.0	U			27	J-
L	SVOCs	SW8270D	N	2-Methylphenol	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	2-Nitroaniline	UG/L	10	U			10	UJ
L	SVOCs	SW8270D	N	2-Nitrophenol	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	3,3'-Dichlorobenzidine	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	3-Nitroaniline	UG/L	10	U			10	UJ
L	SVOCs	SW8270D	N	4,6-Dinitro-2-methylphenol	UG/L	10	U			10	UJ
L	SVOCs	SW8270D	N	4-Bromophenyl phenyl ether	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	4-Chloro-3-methylphenol	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	4-Chloroaniline	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	4-Chlorophenyl phenyl ether	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	4-Methylphenol	UG/L	10	U			10	UJ
L	SVOCs	SW8270D	N	4-Nitroaniline	UG/L	10	U			10	UJ
L	SVOCs	SW8270D	N	4-Nitrophenol	UG/L	10	U			10	UJ

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-1B		MW-1B		MW-22	
					Lab Sample Delivery Group	480-220201-1		JD89099		480-220201-1	
					Field Sample Date	5/23/2024		5/22/2024		5/23/2024	
					Field Sample ID	401003MW1918XX		401003MW1B32XX		401003MW2214XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Acenaphthene	UG/L	5.0	U			6.1	J-
L	SVOCs	SW8270D	N	Acenaphthylene	UG/L	5.0	U			0.87	J-
L	SVOCs	SW8270D	N	Acetophenone	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Anthracene	UG/L	5.0	U			0.64	J-
L	SVOCs	SW8270D	N	Atrazine	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Benzaldehyde	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Benzo(a)anthracene	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Benzo(a)pyrene	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Benzo(b)fluoranthene	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Benzo(ghi)perylene	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Benzo(k)fluoranthene	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Biphenyl	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Bis(2-Chloroethoxy)methane	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Bis(2-Chloroethyl)ether	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Bis(2-Ethylhexyl)phthalate	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Butylbenzylphthalate	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Caprolactam	UG/L	3.5	J-			5.0	UJ
L	SVOCs	SW8270D	N	Carbazole	UG/L	5.0	U			1.2	J-
L	SVOCs	SW8270D	N	Chrysene	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Di-n-butylphthalate	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Di-n-octylphthalate	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Dibenz(a,h)anthracene	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Dibenzofuran	UG/L	10	U			10	UJ
L	SVOCs	SW8270D	N	Diethylphthalate	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Dimethylphthalate	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Fluoranthene	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Fluorene	UG/L	5.0	U			5.1	J-
L	SVOCs	SW8270D	N	Hexachlorobenzene	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Hexachlorobutadiene	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Hexachlorocyclopentadiene	UG/L	5.0	UJ			5.0	UJ

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-1B		MW-1B		MW-22	
					Lab Sample Delivery Group	480-220201-1		JD89099		480-220201-1	
					Field Sample Date	5/23/2024		5/22/2024		5/23/2024	
					Field Sample ID	401003MW1918XX		401003MW1B32XX		401003MW2214XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Hexachloroethane	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Indeno(1,2,3-cd)pyrene	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Isophorone	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	N-Nitrosodi-n-propylamine	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	N-Nitrosodiphenylamine	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Naphthalene	UG/L	5.0	U			0.89	J-
L	SVOCs	SW8270D	N	Nitrobenzene	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Pentachlorophenol	UG/L	10	U			10	UJ
L	SVOCs	SW8270D	N	Phenanthrene	UG/L	5.0	U			6.7	J-
L	SVOCs	SW8270D	N	Phenol	UG/L	5.0	U			5.0	UJ
L	SVOCs	SW8270D	N	Pyrene	UG/L	5.0	U			5.0	UJ

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-24		MW-24		MW-26	
					Lab Sample Delivery Group	480-220127-1		JD88916		480-220127-1	
					Field Sample Date	5/21/2024		5/21/2024		5/21/2024	
					Field Sample ID	401003MW2413XX		401003MW2413XX		401003MW2610XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	1,1,1-Trichloroethane	UG/L						
L	VOCs	SW8260C	N	1,1,2,2-Tetrachloroethane	UG/L						
L	VOCs	SW8260C	N	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	UG/L						
L	VOCs	SW8260C	N	1,1,2-Trichloroethane	UG/L						
L	VOCs	SW8260C	N	1,1-Dichloroethane	UG/L						
L	VOCs	SW8260C	N	1,1-Dichloroethene	UG/L						
L	VOCs	SW8260C	N	1,2,3-Trichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,2,4-Trichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,2,4-Trimethylbenzene	UG/L						
L	VOCs	SW8260C	N	1,2-Dibromo-3-chloropropane	UG/L						
L	VOCs	SW8260C	N	1,2-Dibromoethane	UG/L						
L	VOCs	SW8260C	N	1,2-Dichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,2-Dichloroethane	UG/L						
L	VOCs	SW8260C	N	1,2-Dichloropropane	UG/L						
L	VOCs	SW8260C	N	1,3,5-Trimethylbenzene	UG/L						
L	VOCs	SW8260C	N	1,3-Dichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,4-Dichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,4-Dioxane	UG/L						
L	VOCs	SW8260C	N	2-Butanone	UG/L						
L	VOCs	SW8260C	N	2-Hexanone	UG/L						
L	VOCs	SW8260C	N	4-iso-Propyltoluene	UG/L						
L	VOCs	SW8260C	N	4-Methyl-2-pentanone	UG/L						
L	VOCs	SW8260C	N	Acetic acid, methyl ester	UG/L						
L	VOCs	SW8260C	N	Acetone	UG/L						
L	VOCs	SW8260C	N	Benzene	UG/L						
L	VOCs	SW8260C	N	Bromochloromethane	UG/L						
L	VOCs	SW8260C	N	Bromodichloromethane	UG/L						
L	VOCs	SW8260C	N	Bromoform	UG/L						
L	VOCs	SW8260C	N	Bromomethane	UG/L						
L	VOCs	SW8260C	N	Carbon disulfide	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-24		MW-24		MW-26	
					Lab Sample Delivery Group	480-220127-1		JD88916		480-220127-1	
					Field Sample Date	5/21/2024		5/21/2024		5/21/2024	
					Field Sample ID	401003MW2413XX		401003MW2413XX		401003MW2610XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	Carbon tetrachloride	UG/L						
L	VOCs	SW8260C	N	Chlorobenzene	UG/L						
L	VOCs	SW8260C	N	Chloroethane	UG/L						
L	VOCs	SW8260C	N	Chloroform	UG/L						
L	VOCs	SW8260C	N	Chloromethane	UG/L						
L	VOCs	SW8260C	N	cis-1,2-Dichloroethene	UG/L						
L	VOCs	SW8260C	N	cis-1,3-Dichloropropene	UG/L						
L	VOCs	SW8260C	N	Cyclohexane	UG/L						
L	VOCs	SW8260C	N	Dibromochloromethane	UG/L						
L	VOCs	SW8260C	N	Dichlorodifluoromethane	UG/L						
L	VOCs	SW8260C	N	Ethylbenzene	UG/L						
L	VOCs	SW8260C	N	Isopropylbenzene	UG/L						
L	VOCs	SW8260C	N	Methyl cyclohexane	UG/L						
L	VOCs	SW8260C	N	Methyl Tertbutyl Ether	UG/L						
L	VOCs	SW8260C	N	Methylene chloride	UG/L						
L	VOCs	SW8260C	N	n-Butylbenzene	UG/L						
L	VOCs	SW8260C	N	Propylbenzene	UG/L						
L	VOCs	SW8260C	N	sec-Butylbenzene	UG/L						
L	VOCs	SW8260C	N	Styrene	UG/L						
L	VOCs	SW8260C	N	tert-Butylbenzene	UG/L						
L	VOCs	SW8260C	N	Tetrachloroethene	UG/L						
L	VOCs	SW8260C	N	Toluene	UG/L						
L	VOCs	SW8260C	N	trans-1,2-Dichloroethene	UG/L						
L	VOCs	SW8260C	N	trans-1,3-Dichloropropene	UG/L						
L	VOCs	SW8260C	N	Trichloroethene	UG/L						
L	VOCs	SW8260C	N	Trichlorofluoromethane	UG/L						
L	VOCs	SW8260C	N	Vinyl chloride	UG/L						
L	VOCs	SW8260C	N	Xylenes, Total	UG/L						
L	Ammonia	E350.1	N	Ammonium	MG/L						
L	Anions	E300.0	N	Sulfate	MG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-24		MW-24		MW-26	
					Lab Sample Delivery Group	480-220127-1		JD88916		480-220127-1	
					Field Sample Date	5/21/2024		5/21/2024		5/21/2024	
					Field Sample ID	401003MW2413XX		401003MW2413XX		401003MW2610XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	Anions	E300.0	N	Fluoride	MG/L						
L	Anions	E353.2	N	Nitrate as N	MG/L						
L	Hex Chrome	SW8467199	T	Chromium, Hexavalent	MG/L			0.98			
L	Metals	SW6010D	D	Arsenic	MG/L						
L	Metals	SW6010D	D	Barium	MG/L						
L	Metals	SW6010D	D	Chromium	MG/L						
L	Metals	SW6010D	D	Copper	MG/L						
L	Metals	SW6010D	D	Lead	MG/L						
L	Metals	SW6010D	D	Manganese	MG/L						
L	Metals	SW6010D	D	Molybdenum	MG/L						
L	Metals	SW6010D	D	Nickel	MG/L						
L	Metals	SW6010D	D	Selenium	MG/L						
L	Metals	SW6010D	T	Arsenic	MG/L	0.015	U			0.015	U
L	Metals	SW6010D	T	Barium	MG/L	0.078				0.28	
L	Metals	SW6010D	T	Chromium	MG/L	0.86				0.018	
L	Metals	SW6010D	T	Copper	MG/L	0.0032	J			0.01	U
L	Metals	SW6010D	T	Lead	MG/L	0.01	U			0.01	U
L	Metals	SW6010D	T	Manganese	MG/L	0.13				0.003	U
L	Metals	SW6010D	T	Molybdenum	MG/L	0.71				0.31	
L	Metals	SW6010D	T	Nickel	MG/L	0.0014	J			0.038	
L	Metals	SW6010D	T	Selenium	MG/L	0.38				0.025	U
L	Metals	SW7470A	D	Mercury	MG/L						
L	Metals	SW7470A	T	Mercury	MG/L	0.0002	U			0.0002	U
L	Organic Range	SW8015D	N	Diesel Range Organics	MG/L						
L	Organic Range	SW8015D	N	Petroleum Hydrocarbons C20-C34	MG/L						
L	PCBs	SW8082A	N	Aroclor-1016	UG/L	0.061	U			0.057	U
L	PCBs	SW8082A	N	Aroclor-1221	UG/L	0.061	U			0.057	U
L	PCBs	SW8082A	N	Aroclor-1232	UG/L	0.061	U			0.057	U
L	PCBs	SW8082A	N	Aroclor-1242	UG/L	0.061	U			0.057	U
L	PCBs	SW8082A	N	Aroclor-1248	UG/L	0.061	U			0.057	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-24		MW-24		MW-26	
					Lab Sample Delivery Group	480-220127-1		JD88916		480-220127-1	
					Field Sample Date	5/21/2024		5/21/2024		5/21/2024	
					Field Sample ID	401003MW2413XX		401003MW2413XX		401003MW2610XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	PCBs	SW8082A	N	Aroclor-1254	UG/L	0.061	U			0.057	U
L	PCBs	SW8082A	N	Aroclor-1260	UG/L	0.061	U			0.057	U
L	PCBs	SW8082A	N	Aroclor-1262	UG/L	0.061	U			0.057	U
L	PCBs	SW8082A	N	Aroclor-1268	UG/L	0.061	U			0.057	U
L	PCBs	SW8082A	N	Total PCBs	UG/L	0.061	U			0.057	U
L	SVOCs	SW8270D	N	1,2,4,5-Tetrachlorobenzene	UG/L						
L	SVOCs	SW8270D	N	2,2'-Dichlorodiisopropylether	UG/L						
L	SVOCs	SW8270D	N	2,4,5-Trichlorophenol	UG/L						
L	SVOCs	SW8270D	N	2,4,6-Trichlorophenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dichlorophenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dimethylphenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dinitrophenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dinitrotoluene	UG/L						
L	SVOCs	SW8270D	N	2,6-Dinitrotoluene	UG/L						
L	SVOCs	SW8270D	N	2-Chloronaphthalene	UG/L						
L	SVOCs	SW8270D	N	2-Chlorophenol	UG/L						
L	SVOCs	SW8270D	N	2-Methylnaphthalene	UG/L						
L	SVOCs	SW8270D	N	2-Methylphenol	UG/L						
L	SVOCs	SW8270D	N	2-Nitroaniline	UG/L						
L	SVOCs	SW8270D	N	2-Nitrophenol	UG/L						
L	SVOCs	SW8270D	N	3,3'-Dichlorobenzidine	UG/L						
L	SVOCs	SW8270D	N	3-Nitroaniline	UG/L						
L	SVOCs	SW8270D	N	4,6-Dinitro-2-methylphenol	UG/L						
L	SVOCs	SW8270D	N	4-Bromophenyl phenyl ether	UG/L						
L	SVOCs	SW8270D	N	4-Chloro-3-methylphenol	UG/L						
L	SVOCs	SW8270D	N	4-Chloroaniline	UG/L						
L	SVOCs	SW8270D	N	4-Chlorophenyl phenyl ether	UG/L						
L	SVOCs	SW8270D	N	4-Methylphenol	UG/L						
L	SVOCs	SW8270D	N	4-Nitroaniline	UG/L						
L	SVOCs	SW8270D	N	4-Nitrophenol	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-24		MW-24		MW-26	
					Lab Sample Delivery Group	480-220127-1		JD88916		480-220127-1	
					Field Sample Date	5/21/2024		5/21/2024		5/21/2024	
					Field Sample ID	401003MW2413XX		401003MW2413XX		401003MW2610XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Acenaphthene	UG/L						
L	SVOCs	SW8270D	N	Acenaphthylene	UG/L						
L	SVOCs	SW8270D	N	Acetophenone	UG/L						
L	SVOCs	SW8270D	N	Anthracene	UG/L						
L	SVOCs	SW8270D	N	Atrazine	UG/L						
L	SVOCs	SW8270D	N	Benzaldehyde	UG/L						
L	SVOCs	SW8270D	N	Benzo(a)anthracene	UG/L						
L	SVOCs	SW8270D	N	Benzo(a)pyrene	UG/L						
L	SVOCs	SW8270D	N	Benzo(b)fluoranthene	UG/L						
L	SVOCs	SW8270D	N	Benzo(ghi)perylene	UG/L						
L	SVOCs	SW8270D	N	Benzo(k)fluoranthene	UG/L						
L	SVOCs	SW8270D	N	Biphenyl	UG/L						
L	SVOCs	SW8270D	N	Bis(2-Chloroethoxy)methane	UG/L						
L	SVOCs	SW8270D	N	Bis(2-Chloroethyl)ether	UG/L						
L	SVOCs	SW8270D	N	Bis(2-Ethylhexyl)phthalate	UG/L						
L	SVOCs	SW8270D	N	Butylbenzylphthalate	UG/L						
L	SVOCs	SW8270D	N	Caprolactam	UG/L						
L	SVOCs	SW8270D	N	Carbazole	UG/L						
L	SVOCs	SW8270D	N	Chrysene	UG/L						
L	SVOCs	SW8270D	N	Di-n-butylphthalate	UG/L						
L	SVOCs	SW8270D	N	Di-n-octylphthalate	UG/L						
L	SVOCs	SW8270D	N	Dibenz(a,h)anthracene	UG/L						
L	SVOCs	SW8270D	N	Dibenzofuran	UG/L						
L	SVOCs	SW8270D	N	Diethylphthalate	UG/L						
L	SVOCs	SW8270D	N	Dimethylphthalate	UG/L						
L	SVOCs	SW8270D	N	Fluoranthene	UG/L						
L	SVOCs	SW8270D	N	Fluorene	UG/L						
L	SVOCs	SW8270D	N	Hexachlorobenzene	UG/L						
L	SVOCs	SW8270D	N	Hexachlorobutadiene	UG/L						
L	SVOCs	SW8270D	N	Hexachlorocyclopentadiene	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-24	MW-24	MW-26			
					Lab Sample Delivery Group	480-220127-1	JD88916	480-220127-1			
					Field Sample Date	5/21/2024	5/21/2024	5/21/2024			
					Field Sample ID	401003MW2413XX	401003MW2413XX	401003MW2610XX			
					Qc Code	FS	FS	FS			
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Hexachloroethane	UG/L						
L	SVOCs	SW8270D	N	Indeno(1,2,3-cd)pyrene	UG/L						
L	SVOCs	SW8270D	N	Isophorone	UG/L						
L	SVOCs	SW8270D	N	N-Nitrosodi-n-propylamine	UG/L						
L	SVOCs	SW8270D	N	N-Nitrosodiphenylamine	UG/L						
L	SVOCs	SW8270D	N	Naphthalene	UG/L						
L	SVOCs	SW8270D	N	Nitrobenzene	UG/L						
L	SVOCs	SW8270D	N	Pentachlorophenol	UG/L						
L	SVOCs	SW8270D	N	Phenanthrene	UG/L						
L	SVOCs	SW8270D	N	Phenol	UG/L						
L	SVOCs	SW8270D	N	Pyrene	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-26		MW-26B		MW-26B	
					Lab Sample Delivery Group	JD88916		480-220127-1		JD88916	
					Field Sample Date	5/21/2024		5/21/2024		5/21/2024	
					Field Sample ID	401003MW2610XX		401003MW26B32XX		401003MW26B37XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	1,1,1-Trichloroethane	UG/L						
L	VOCs	SW8260C	N	1,1,2,2-Tetrachloroethane	UG/L						
L	VOCs	SW8260C	N	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	UG/L						
L	VOCs	SW8260C	N	1,1,2-Trichloroethane	UG/L						
L	VOCs	SW8260C	N	1,1-Dichloroethane	UG/L						
L	VOCs	SW8260C	N	1,1-Dichloroethene	UG/L						
L	VOCs	SW8260C	N	1,2,3-Trichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,2,4-Trichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,2,4-Trimethylbenzene	UG/L						
L	VOCs	SW8260C	N	1,2-Dibromo-3-chloropropane	UG/L						
L	VOCs	SW8260C	N	1,2-Dibromoethane	UG/L						
L	VOCs	SW8260C	N	1,2-Dichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,2-Dichloroethane	UG/L						
L	VOCs	SW8260C	N	1,2-Dichloropropane	UG/L						
L	VOCs	SW8260C	N	1,3,5-Trimethylbenzene	UG/L						
L	VOCs	SW8260C	N	1,3-Dichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,4-Dichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,4-Dioxane	UG/L						
L	VOCs	SW8260C	N	2-Butanone	UG/L						
L	VOCs	SW8260C	N	2-Hexanone	UG/L						
L	VOCs	SW8260C	N	4-iso-Propyltoluene	UG/L						
L	VOCs	SW8260C	N	4-Methyl-2-pentanone	UG/L						
L	VOCs	SW8260C	N	Acetic acid, methyl ester	UG/L						
L	VOCs	SW8260C	N	Acetone	UG/L						
L	VOCs	SW8260C	N	Benzene	UG/L						
L	VOCs	SW8260C	N	Bromochloromethane	UG/L						
L	VOCs	SW8260C	N	Bromodichloromethane	UG/L						
L	VOCs	SW8260C	N	Bromoform	UG/L						
L	VOCs	SW8260C	N	Bromomethane	UG/L						
L	VOCs	SW8260C	N	Carbon disulfide	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-26		MW-26B		MW-26B	
					Lab Sample Delivery Group	JD88916		480-220127-1		JD88916	
					Field Sample Date	5/21/2024		5/21/2024		5/21/2024	
					Field Sample ID	401003MW2610XX		401003MW26B32XX		401003MW26B37XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	Carbon tetrachloride	UG/L						
L	VOCs	SW8260C	N	Chlorobenzene	UG/L						
L	VOCs	SW8260C	N	Chloroethane	UG/L						
L	VOCs	SW8260C	N	Chloroform	UG/L						
L	VOCs	SW8260C	N	Chloromethane	UG/L						
L	VOCs	SW8260C	N	cis-1,2-Dichloroethene	UG/L						
L	VOCs	SW8260C	N	cis-1,3-Dichloropropene	UG/L						
L	VOCs	SW8260C	N	Cyclohexane	UG/L						
L	VOCs	SW8260C	N	Dibromochloromethane	UG/L						
L	VOCs	SW8260C	N	Dichlorodifluoromethane	UG/L						
L	VOCs	SW8260C	N	Ethylbenzene	UG/L						
L	VOCs	SW8260C	N	Isopropylbenzene	UG/L						
L	VOCs	SW8260C	N	Methyl cyclohexane	UG/L						
L	VOCs	SW8260C	N	Methyl Tertbutyl Ether	UG/L						
L	VOCs	SW8260C	N	Methylene chloride	UG/L						
L	VOCs	SW8260C	N	n-Butylbenzene	UG/L						
L	VOCs	SW8260C	N	Propylbenzene	UG/L						
L	VOCs	SW8260C	N	sec-Butylbenzene	UG/L						
L	VOCs	SW8260C	N	Styrene	UG/L						
L	VOCs	SW8260C	N	tert-Butylbenzene	UG/L						
L	VOCs	SW8260C	N	Tetrachloroethene	UG/L						
L	VOCs	SW8260C	N	Toluene	UG/L						
L	VOCs	SW8260C	N	trans-1,2-Dichloroethene	UG/L						
L	VOCs	SW8260C	N	trans-1,3-Dichloropropene	UG/L						
L	VOCs	SW8260C	N	Trichloroethene	UG/L						
L	VOCs	SW8260C	N	Trichlorofluoromethane	UG/L						
L	VOCs	SW8260C	N	Vinyl chloride	UG/L						
L	VOCs	SW8260C	N	Xylenes, Total	UG/L						
L	Ammonia	E350.1	N	Ammonium	MG/L						
L	Anions	E300.0	N	Sulfate	MG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-26	MW-26B	MW-26B			
					Lab Sample Delivery Group	JD88916	480-220127-1	JD88916			
					Field Sample Date	5/21/2024	5/21/2024	5/21/2024			
					Field Sample ID	401003MW2610XX	401003MW26B32XX	401003MW26B37XX			
					Qc Code	FS	FS	FS			
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	Anions	E300.0	N	Fluoride	MG/L						
L	Anions	E353.2	N	Nitrate as N	MG/L						
L	Hex Chrome	SW8467199	T	Chromium, Hexavalent	MG/L	0.015				0.0055	U
L	Metals	SW6010D	D	Arsenic	MG/L						
L	Metals	SW6010D	D	Barium	MG/L						
L	Metals	SW6010D	D	Chromium	MG/L						
L	Metals	SW6010D	D	Copper	MG/L						
L	Metals	SW6010D	D	Lead	MG/L						
L	Metals	SW6010D	D	Manganese	MG/L						
L	Metals	SW6010D	D	Molybdenum	MG/L						
L	Metals	SW6010D	D	Nickel	MG/L						
L	Metals	SW6010D	D	Selenium	MG/L						
L	Metals	SW6010D	T	Arsenic	MG/L			0.015	U		
L	Metals	SW6010D	T	Barium	MG/L			1.3			
L	Metals	SW6010D	T	Chromium	MG/L			0.004	U		
L	Metals	SW6010D	T	Copper	MG/L			0.01	U		
L	Metals	SW6010D	T	Lead	MG/L			0.01	U		
L	Metals	SW6010D	T	Manganese	MG/L			0.022			
L	Metals	SW6010D	T	Molybdenum	MG/L			0.01	U		
L	Metals	SW6010D	T	Nickel	MG/L			0.01	U		
L	Metals	SW6010D	T	Selenium	MG/L			0.025	U		
L	Metals	SW7470A	D	Mercury	MG/L						
L	Metals	SW7470A	T	Mercury	MG/L			0.0002	U		
L	Organic Range	SW8015D	N	Diesel Range Organics	MG/L						
L	Organic Range	SW8015D	N	Petroleum Hydrocarbons C20-C34	MG/L						
L	PCBs	SW8082A	N	Aroclor-1016	UG/L			0.057	U		
L	PCBs	SW8082A	N	Aroclor-1221	UG/L			0.057	U		
L	PCBs	SW8082A	N	Aroclor-1232	UG/L			0.057	U		
L	PCBs	SW8082A	N	Aroclor-1242	UG/L			0.057	U		
L	PCBs	SW8082A	N	Aroclor-1248	UG/L			0.057	U		

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-26		MW-26B		MW-26B	
					Lab Sample Delivery Group	JD88916		480-220127-1		JD88916	
					Field Sample Date	5/21/2024		5/21/2024		5/21/2024	
					Field Sample ID	401003MW2610XX		401003MW26B32XX		401003MW26B37XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	PCBs	SW8082A	N	Aroclor-1254	UG/L			0.057	U		
L	PCBs	SW8082A	N	Aroclor-1260	UG/L			0.057	U		
L	PCBs	SW8082A	N	Aroclor-1262	UG/L			0.057	U		
L	PCBs	SW8082A	N	Aroclor-1268	UG/L			0.057	U		
L	PCBs	SW8082A	N	Total PCBs	UG/L			0.057	U		
L	SVOCs	SW8270D	N	1,2,4,5-Tetrachlorobenzene	UG/L						
L	SVOCs	SW8270D	N	2,2'-Dichlorodiisopropylether	UG/L						
L	SVOCs	SW8270D	N	2,4,5-Trichlorophenol	UG/L						
L	SVOCs	SW8270D	N	2,4,6-Trichlorophenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dichlorophenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dimethylphenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dinitrophenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dinitrotoluene	UG/L						
L	SVOCs	SW8270D	N	2,6-Dinitrotoluene	UG/L						
L	SVOCs	SW8270D	N	2-Chloronaphthalene	UG/L						
L	SVOCs	SW8270D	N	2-Chlorophenol	UG/L						
L	SVOCs	SW8270D	N	2-Methylnaphthalene	UG/L						
L	SVOCs	SW8270D	N	2-Methylphenol	UG/L						
L	SVOCs	SW8270D	N	2-Nitroaniline	UG/L						
L	SVOCs	SW8270D	N	2-Nitrophenol	UG/L						
L	SVOCs	SW8270D	N	3,3'-Dichlorobenzidine	UG/L						
L	SVOCs	SW8270D	N	3-Nitroaniline	UG/L						
L	SVOCs	SW8270D	N	4,6-Dinitro-2-methylphenol	UG/L						
L	SVOCs	SW8270D	N	4-Bromophenyl phenyl ether	UG/L						
L	SVOCs	SW8270D	N	4-Chloro-3-methylphenol	UG/L						
L	SVOCs	SW8270D	N	4-Chloroaniline	UG/L						
L	SVOCs	SW8270D	N	4-Chlorophenyl phenyl ether	UG/L						
L	SVOCs	SW8270D	N	4-Methylphenol	UG/L						
L	SVOCs	SW8270D	N	4-Nitroaniline	UG/L						
L	SVOCs	SW8270D	N	4-Nitrophenol	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-26		MW-26B		MW-26B	
					Lab Sample Delivery Group	JD88916		480-220127-1		JD88916	
					Field Sample Date	5/21/2024		5/21/2024		5/21/2024	
					Field Sample ID	401003MW2610XX		401003MW26B32XX		401003MW26B37XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Acenaphthene	UG/L						
L	SVOCs	SW8270D	N	Acenaphthylene	UG/L						
L	SVOCs	SW8270D	N	Acetophenone	UG/L						
L	SVOCs	SW8270D	N	Anthracene	UG/L						
L	SVOCs	SW8270D	N	Atrazine	UG/L						
L	SVOCs	SW8270D	N	Benzaldehyde	UG/L						
L	SVOCs	SW8270D	N	Benzo(a)anthracene	UG/L						
L	SVOCs	SW8270D	N	Benzo(a)pyrene	UG/L						
L	SVOCs	SW8270D	N	Benzo(b)fluoranthene	UG/L						
L	SVOCs	SW8270D	N	Benzo(ghi)perylene	UG/L						
L	SVOCs	SW8270D	N	Benzo(k)fluoranthene	UG/L						
L	SVOCs	SW8270D	N	Biphenyl	UG/L						
L	SVOCs	SW8270D	N	Bis(2-Chloroethoxy)methane	UG/L						
L	SVOCs	SW8270D	N	Bis(2-Chloroethyl)ether	UG/L						
L	SVOCs	SW8270D	N	Bis(2-Ethylhexyl)phthalate	UG/L						
L	SVOCs	SW8270D	N	Butylbenzylphthalate	UG/L						
L	SVOCs	SW8270D	N	Caprolactam	UG/L						
L	SVOCs	SW8270D	N	Carbazole	UG/L						
L	SVOCs	SW8270D	N	Chrysene	UG/L						
L	SVOCs	SW8270D	N	Di-n-butylphthalate	UG/L						
L	SVOCs	SW8270D	N	Di-n-octylphthalate	UG/L						
L	SVOCs	SW8270D	N	Dibenz(a,h)anthracene	UG/L						
L	SVOCs	SW8270D	N	Dibenzofuran	UG/L						
L	SVOCs	SW8270D	N	Diethylphthalate	UG/L						
L	SVOCs	SW8270D	N	Dimethylphthalate	UG/L						
L	SVOCs	SW8270D	N	Fluoranthene	UG/L						
L	SVOCs	SW8270D	N	Fluorene	UG/L						
L	SVOCs	SW8270D	N	Hexachlorobenzene	UG/L						
L	SVOCs	SW8270D	N	Hexachlorobutadiene	UG/L						
L	SVOCs	SW8270D	N	Hexachlorocyclopentadiene	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-26	MW-26B	MW-26B			
					Lab Sample Delivery Group	JD88916	480-220127-1	JD88916			
					Field Sample Date	5/21/2024	5/21/2024	5/21/2024			
					Field Sample ID	401003MW2610XX	401003MW26B32XX	401003MW26B37XX			
					Qc Code	FS	FS	FS			
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Hexachloroethane	UG/L						
L	SVOCs	SW8270D	N	Indeno(1,2,3-cd)pyrene	UG/L						
L	SVOCs	SW8270D	N	Isophorone	UG/L						
L	SVOCs	SW8270D	N	N-Nitrosodi-n-propylamine	UG/L						
L	SVOCs	SW8270D	N	N-Nitrosodiphenylamine	UG/L						
L	SVOCs	SW8270D	N	Naphthalene	UG/L						
L	SVOCs	SW8270D	N	Nitrobenzene	UG/L						
L	SVOCs	SW8270D	N	Pentachlorophenol	UG/L						
L	SVOCs	SW8270D	N	Phenanthrene	UG/L						
L	SVOCs	SW8270D	N	Phenol	UG/L						
L	SVOCs	SW8270D	N	Pyrene	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-27R		MW-3		MW-32	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220201-1	
					Field Sample Date	5/22/2024		5/23/2024		5/22/2024	
					Field Sample ID	01003MW27R12X		401003MW0315XX		401003MW3209XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	1,1,1-Trichloroethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,1,2,2-Tetrachloroethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,1,2-Trichloroethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,1-Dichloroethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,1-Dichloroethene	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,2,3-Trichlorobenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,2,4-Trichlorobenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,2,4-Trimethylbenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,2-Dibromo-3-chloropropane	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,2-Dibromoethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,2-Dichlorobenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,2-Dichloroethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,2-Dichloropropane	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,3,5-Trimethylbenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,3-Dichlorobenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,4-Dichlorobenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	1,4-Dioxane	UG/L	40	U				
L	VOCs	SW8260C	N	2-Butanone	UG/L	10	U				
L	VOCs	SW8260C	N	2-Hexanone	UG/L	5.0	U				
L	VOCs	SW8260C	N	4-iso-Propyltoluene	UG/L	1.0	U				
L	VOCs	SW8260C	N	4-Methyl-2-pentanone	UG/L	5.0	U				
L	VOCs	SW8260C	N	Acetic acid, methyl ester	UG/L	2.5	U				
L	VOCs	SW8260C	N	Acetone	UG/L	10	U				
L	VOCs	SW8260C	N	Benzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	Bromochloromethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	Bromodichloromethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	Bromoform	UG/L	1.0	U				
L	VOCs	SW8260C	N	Bromomethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	Carbon disulfide	UG/L	1.0	U				

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-27R		MW-3		MW-32	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220201-1	
					Field Sample Date	5/22/2024		5/23/2024		5/22/2024	
					Field Sample ID	01003MW27R12X		401003MW0315XX		401003MW3209XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	Carbon tetrachloride	UG/L	1.0	U				
L	VOCs	SW8260C	N	Chlorobenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	Chloroethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	Chloroform	UG/L	1.0	U				
L	VOCs	SW8260C	N	Chloromethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	cis-1,2-Dichloroethene	UG/L	1.0	U				
L	VOCs	SW8260C	N	cis-1,3-Dichloropropene	UG/L	1.0	U				
L	VOCs	SW8260C	N	Cyclohexane	UG/L	1.0	U				
L	VOCs	SW8260C	N	Dibromochloromethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	Dichlorodifluoromethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	Ethylbenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	Isopropylbenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	Methyl cyclohexane	UG/L	1.0	U				
L	VOCs	SW8260C	N	Methyl Tertbutyl Ether	UG/L	1.0	U				
L	VOCs	SW8260C	N	Methylene chloride	UG/L	1.0	U				
L	VOCs	SW8260C	N	n-Butylbenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	Propylbenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	sec-Butylbenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	Styrene	UG/L	1.0	U				
L	VOCs	SW8260C	N	tert-Butylbenzene	UG/L	1.0	U				
L	VOCs	SW8260C	N	Tetrachloroethene	UG/L	1.0	U				
L	VOCs	SW8260C	N	Toluene	UG/L	1.0	U				
L	VOCs	SW8260C	N	trans-1,2-Dichloroethene	UG/L	1.0	U				
L	VOCs	SW8260C	N	trans-1,3-Dichloropropene	UG/L	1.0	U				
L	VOCs	SW8260C	N	Trichloroethene	UG/L	1.0	U				
L	VOCs	SW8260C	N	Trichlorofluoromethane	UG/L	1.0	U				
L	VOCs	SW8260C	N	Vinyl chloride	UG/L	1.0	U				
L	VOCs	SW8260C	N	Xylenes, Total	UG/L	2.0	U				
L	Ammonia	E350.1	N	Ammonium	MG/L						
L	Anions	E300.0	N	Sulfate	MG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-27R		MW-3		MW-32	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220201-1	
					Field Sample Date	5/22/2024		5/23/2024		5/22/2024	
					Field Sample ID	01003MW27R12X		401003MW0315XX		401003MW3209XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	Anions	E300.0	N	Fluoride	MG/L						
L	Anions	E353.2	N	Nitrate as N	MG/L						
L	Hex Chrome	SW8467199	T	Chromium, Hexavalent	MG/L						
L	Metals	SW6010D	D	Arsenic	MG/L						
L	Metals	SW6010D	D	Barium	MG/L						
L	Metals	SW6010D	D	Chromium	MG/L						
L	Metals	SW6010D	D	Copper	MG/L						
L	Metals	SW6010D	D	Lead	MG/L						
L	Metals	SW6010D	D	Manganese	MG/L						
L	Metals	SW6010D	D	Molybdenum	MG/L						
L	Metals	SW6010D	D	Nickel	MG/L						
L	Metals	SW6010D	D	Selenium	MG/L						
L	Metals	SW6010D	T	Arsenic	MG/L			0.015	U	0.015	U
L	Metals	SW6010D	T	Barium	MG/L			0.046		0.1	
L	Metals	SW6010D	T	Chromium	MG/L			0.004	U	0.004	U
L	Metals	SW6010D	T	Copper	MG/L			0.0019	J	0.01	U
L	Metals	SW6010D	T	Lead	MG/L			0.01	U	0.01	U
L	Metals	SW6010D	T	Manganese	MG/L			0.03		2.5	
L	Metals	SW6010D	T	Molybdenum	MG/L			0.0064	J	0.67	
L	Metals	SW6010D	T	Nickel	MG/L			0.01	U	0.0066	J
L	Metals	SW6010D	T	Selenium	MG/L			0.025	U	0.025	U
L	Metals	SW7470A	D	Mercury	MG/L						
L	Metals	SW7470A	T	Mercury	MG/L			0.0002	U	0.0002	U
L	Organic Range	SW8015D	N	Diesel Range Organics	MG/L						
L	Organic Range	SW8015D	N	Petroleum Hydrocarbons C20-C34	MG/L						
L	PCBs	SW8082A	N	Aroclor-1016	UG/L			0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1221	UG/L			0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1232	UG/L			0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1242	UG/L			0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1248	UG/L			0.057	U	0.057	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-27R		MW-3		MW-32	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220201-1	
					Field Sample Date	5/22/2024		5/23/2024		5/22/2024	
					Field Sample ID	01003MW27R12X		401003MW0315XX		401003MW3209XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	PCBs	SW8082A	N	Aroclor-1254	UG/L			0.057	U	0.039	J
L	PCBs	SW8082A	N	Aroclor-1260	UG/L			0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1262	UG/L			0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1268	UG/L			0.057	U	0.057	U
L	PCBs	SW8082A	N	Total PCBs	UG/L			0.057	U	0.039	J
L	SVOCs	SW8270D	N	1,2,4,5-Tetrachlorobenzene	UG/L						
L	SVOCs	SW8270D	N	2,2'-Dichlorodiisopropylether	UG/L						
L	SVOCs	SW8270D	N	2,4,5-Trichlorophenol	UG/L						
L	SVOCs	SW8270D	N	2,4,6-Trichlorophenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dichlorophenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dimethylphenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dinitrophenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dinitrotoluene	UG/L						
L	SVOCs	SW8270D	N	2,6-Dinitrotoluene	UG/L						
L	SVOCs	SW8270D	N	2-Chloronaphthalene	UG/L						
L	SVOCs	SW8270D	N	2-Chlorophenol	UG/L						
L	SVOCs	SW8270D	N	2-Methylnaphthalene	UG/L						
L	SVOCs	SW8270D	N	2-Methylphenol	UG/L						
L	SVOCs	SW8270D	N	2-Nitroaniline	UG/L						
L	SVOCs	SW8270D	N	2-Nitrophenol	UG/L						
L	SVOCs	SW8270D	N	3,3'-Dichlorobenzidine	UG/L						
L	SVOCs	SW8270D	N	3-Nitroaniline	UG/L						
L	SVOCs	SW8270D	N	4,6-Dinitro-2-methylphenol	UG/L						
L	SVOCs	SW8270D	N	4-Bromophenyl phenyl ether	UG/L						
L	SVOCs	SW8270D	N	4-Chloro-3-methylphenol	UG/L						
L	SVOCs	SW8270D	N	4-Chloroaniline	UG/L						
L	SVOCs	SW8270D	N	4-Chlorophenyl phenyl ether	UG/L						
L	SVOCs	SW8270D	N	4-Methylphenol	UG/L						
L	SVOCs	SW8270D	N	4-Nitroaniline	UG/L						
L	SVOCs	SW8270D	N	4-Nitrophenol	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-27R		MW-3		MW-32	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220201-1	
					Field Sample Date	5/22/2024		5/23/2024		5/22/2024	
					Field Sample ID	01003MW27R12X		401003MW0315XX		401003MW3209XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Acenaphthene	UG/L						
L	SVOCs	SW8270D	N	Acenaphthylene	UG/L						
L	SVOCs	SW8270D	N	Acetophenone	UG/L						
L	SVOCs	SW8270D	N	Anthracene	UG/L						
L	SVOCs	SW8270D	N	Atrazine	UG/L						
L	SVOCs	SW8270D	N	Benzaldehyde	UG/L						
L	SVOCs	SW8270D	N	Benzo(a)anthracene	UG/L						
L	SVOCs	SW8270D	N	Benzo(a)pyrene	UG/L						
L	SVOCs	SW8270D	N	Benzo(b)fluoranthene	UG/L						
L	SVOCs	SW8270D	N	Benzo(ghi)perylene	UG/L						
L	SVOCs	SW8270D	N	Benzo(k)fluoranthene	UG/L						
L	SVOCs	SW8270D	N	Biphenyl	UG/L						
L	SVOCs	SW8270D	N	Bis(2-Chloroethoxy)methane	UG/L						
L	SVOCs	SW8270D	N	Bis(2-Chloroethyl)ether	UG/L						
L	SVOCs	SW8270D	N	Bis(2-Ethylhexyl)phthalate	UG/L						
L	SVOCs	SW8270D	N	Butylbenzylphthalate	UG/L						
L	SVOCs	SW8270D	N	Caprolactam	UG/L						
L	SVOCs	SW8270D	N	Carbazole	UG/L						
L	SVOCs	SW8270D	N	Chrysene	UG/L						
L	SVOCs	SW8270D	N	Di-n-butylphthalate	UG/L						
L	SVOCs	SW8270D	N	Di-n-octylphthalate	UG/L						
L	SVOCs	SW8270D	N	Dibenz(a,h)anthracene	UG/L						
L	SVOCs	SW8270D	N	Dibenzofuran	UG/L						
L	SVOCs	SW8270D	N	Diethylphthalate	UG/L						
L	SVOCs	SW8270D	N	Dimethylphthalate	UG/L						
L	SVOCs	SW8270D	N	Fluoranthene	UG/L						
L	SVOCs	SW8270D	N	Fluorene	UG/L						
L	SVOCs	SW8270D	N	Hexachlorobenzene	UG/L						
L	SVOCs	SW8270D	N	Hexachlorobutadiene	UG/L						
L	SVOCs	SW8270D	N	Hexachlorocyclopentadiene	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-27R		MW-3		MW-32	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220201-1	
					Field Sample Date	5/22/2024		5/23/2024		5/22/2024	
					Field Sample ID	01003MW27R12X		401003MW0315XX		401003MW3209XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Hexachloroethane	UG/L						
L	SVOCs	SW8270D	N	Indeno(1,2,3-cd)pyrene	UG/L						
L	SVOCs	SW8270D	N	Isophorone	UG/L						
L	SVOCs	SW8270D	N	N-Nitrosodi-n-propylamine	UG/L						
L	SVOCs	SW8270D	N	N-Nitrosodiphenylamine	UG/L						
L	SVOCs	SW8270D	N	Naphthalene	UG/L						
L	SVOCs	SW8270D	N	Nitrobenzene	UG/L						
L	SVOCs	SW8270D	N	Pentachlorophenol	UG/L						
L	SVOCs	SW8270D	N	Phenanthrene	UG/L						
L	SVOCs	SW8270D	N	Phenol	UG/L						
L	SVOCs	SW8270D	N	Pyrene	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-32	MW-37	MW-37			
					Lab Sample Delivery Group	JD89099	480-220127-1	JD88916			
					Field Sample Date	5/22/2024	5/21/2024	5/21/2024			
					Field Sample ID	401003MW3209XX	401003MW3714XX	401003MW3714XX			
					Qc Code	FS	FS	FS			
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	1,1,1-Trichloroethane	UG/L						
L	VOCs	SW8260C	N	1,1,2,2-Tetrachloroethane	UG/L						
L	VOCs	SW8260C	N	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	UG/L						
L	VOCs	SW8260C	N	1,1,2-Trichloroethane	UG/L						
L	VOCs	SW8260C	N	1,1-Dichloroethane	UG/L						
L	VOCs	SW8260C	N	1,1-Dichloroethene	UG/L						
L	VOCs	SW8260C	N	1,2,3-Trichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,2,4-Trichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,2,4-Trimethylbenzene	UG/L						
L	VOCs	SW8260C	N	1,2-Dibromo-3-chloropropane	UG/L						
L	VOCs	SW8260C	N	1,2-Dibromoethane	UG/L						
L	VOCs	SW8260C	N	1,2-Dichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,2-Dichloroethane	UG/L						
L	VOCs	SW8260C	N	1,2-Dichloropropane	UG/L						
L	VOCs	SW8260C	N	1,3,5-Trimethylbenzene	UG/L						
L	VOCs	SW8260C	N	1,3-Dichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,4-Dichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,4-Dioxane	UG/L						
L	VOCs	SW8260C	N	2-Butanone	UG/L						
L	VOCs	SW8260C	N	2-Hexanone	UG/L						
L	VOCs	SW8260C	N	4-iso-Propyltoluene	UG/L						
L	VOCs	SW8260C	N	4-Methyl-2-pentanone	UG/L						
L	VOCs	SW8260C	N	Acetic acid, methyl ester	UG/L						
L	VOCs	SW8260C	N	Acetone	UG/L						
L	VOCs	SW8260C	N	Benzene	UG/L						
L	VOCs	SW8260C	N	Bromochloromethane	UG/L						
L	VOCs	SW8260C	N	Bromodichloromethane	UG/L						
L	VOCs	SW8260C	N	Bromoform	UG/L						
L	VOCs	SW8260C	N	Bromomethane	UG/L						
L	VOCs	SW8260C	N	Carbon disulfide	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-32		MW-37		MW-37	
					Lab Sample Delivery Group	JD89099		480-220127-1		JD88916	
					Field Sample Date	5/22/2024		5/21/2024		5/21/2024	
					Field Sample ID	401003MW3209XX		401003MW3714XX		401003MW3714XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	Carbon tetrachloride	UG/L						
L	VOCs	SW8260C	N	Chlorobenzene	UG/L						
L	VOCs	SW8260C	N	Chloroethane	UG/L						
L	VOCs	SW8260C	N	Chloroform	UG/L						
L	VOCs	SW8260C	N	Chloromethane	UG/L						
L	VOCs	SW8260C	N	cis-1,2-Dichloroethene	UG/L						
L	VOCs	SW8260C	N	cis-1,3-Dichloropropene	UG/L						
L	VOCs	SW8260C	N	Cyclohexane	UG/L						
L	VOCs	SW8260C	N	Dibromochloromethane	UG/L						
L	VOCs	SW8260C	N	Dichlorodifluoromethane	UG/L						
L	VOCs	SW8260C	N	Ethylbenzene	UG/L						
L	VOCs	SW8260C	N	Isopropylbenzene	UG/L						
L	VOCs	SW8260C	N	Methyl cyclohexane	UG/L						
L	VOCs	SW8260C	N	Methyl Tertbutyl Ether	UG/L						
L	VOCs	SW8260C	N	Methylene chloride	UG/L						
L	VOCs	SW8260C	N	n-Butylbenzene	UG/L						
L	VOCs	SW8260C	N	Propylbenzene	UG/L						
L	VOCs	SW8260C	N	sec-Butylbenzene	UG/L						
L	VOCs	SW8260C	N	Styrene	UG/L						
L	VOCs	SW8260C	N	tert-Butylbenzene	UG/L						
L	VOCs	SW8260C	N	Tetrachloroethene	UG/L						
L	VOCs	SW8260C	N	Toluene	UG/L						
L	VOCs	SW8260C	N	trans-1,2-Dichloroethene	UG/L						
L	VOCs	SW8260C	N	trans-1,3-Dichloropropene	UG/L						
L	VOCs	SW8260C	N	Trichloroethene	UG/L						
L	VOCs	SW8260C	N	Trichlorofluoromethane	UG/L						
L	VOCs	SW8260C	N	Vinyl chloride	UG/L						
L	VOCs	SW8260C	N	Xylenes, Total	UG/L						
L	Ammonia	E350.1	N	Ammonium	MG/L						
L	Anions	E300.0	N	Sulfate	MG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-32	MW-37	MW-37			
					Lab Sample Delivery Group	JD89099	480-220127-1	JD88916			
					Field Sample Date	5/22/2024	5/21/2024	5/21/2024			
					Field Sample ID	401003MW3209XX	401003MW3714XX	401003MW3714XX			
					Qc Code	FS	FS	FS			
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	Anions	E300.0	N	Fluoride	MG/L						
L	Anions	E353.2	N	Nitrate as N	MG/L						
L	Hex Chrome	SW8467199	T	Chromium, Hexavalent	MG/L	0.0055	UJ			0.0055	U
L	Metals	SW6010D	D	Arsenic	MG/L						
L	Metals	SW6010D	D	Barium	MG/L						
L	Metals	SW6010D	D	Chromium	MG/L						
L	Metals	SW6010D	D	Copper	MG/L						
L	Metals	SW6010D	D	Lead	MG/L						
L	Metals	SW6010D	D	Manganese	MG/L						
L	Metals	SW6010D	D	Molybdenum	MG/L						
L	Metals	SW6010D	D	Nickel	MG/L						
L	Metals	SW6010D	D	Selenium	MG/L						
L	Metals	SW6010D	T	Arsenic	MG/L			0.015	U		
L	Metals	SW6010D	T	Barium	MG/L			0.09			
L	Metals	SW6010D	T	Chromium	MG/L			0.004	U		
L	Metals	SW6010D	T	Copper	MG/L			0.01	U		
L	Metals	SW6010D	T	Lead	MG/L			0.01	U		
L	Metals	SW6010D	T	Manganese	MG/L			1.5			
L	Metals	SW6010D	T	Molybdenum	MG/L			0.01	U		
L	Metals	SW6010D	T	Nickel	MG/L			0.0047	J		
L	Metals	SW6010D	T	Selenium	MG/L			0.025	U		
L	Metals	SW7470A	D	Mercury	MG/L						
L	Metals	SW7470A	T	Mercury	MG/L			0.0002	U		
L	Organic Range	SW8015D	N	Diesel Range Organics	MG/L						
L	Organic Range	SW8015D	N	Petroleum Hydrocarbons C20-C34	MG/L						
L	PCBs	SW8082A	N	Aroclor-1016	UG/L			0.057	U		
L	PCBs	SW8082A	N	Aroclor-1221	UG/L			0.057	U		
L	PCBs	SW8082A	N	Aroclor-1232	UG/L			0.057	U		
L	PCBs	SW8082A	N	Aroclor-1242	UG/L			0.057	U		
L	PCBs	SW8082A	N	Aroclor-1248	UG/L			0.057	U		

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 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-32	MW-37	MW-37			
					Lab Sample Delivery Group	JD89099	480-220127-1	JD88916			
					Field Sample Date	5/22/2024	5/21/2024	5/21/2024			
					Field Sample ID	401003MW3209XX	401003MW3714XX	401003MW3714XX			
					Qc Code	FS	FS	FS			
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	PCBs	SW8082A	N	Aroclor-1254	UG/L			0.057	U		
L	PCBs	SW8082A	N	Aroclor-1260	UG/L			0.057	U		
L	PCBs	SW8082A	N	Aroclor-1262	UG/L			0.057	U		
L	PCBs	SW8082A	N	Aroclor-1268	UG/L			0.057	U		
L	PCBs	SW8082A	N	Total PCBs	UG/L			0.057	U		
L	SVOCs	SW8270D	N	1,2,4,5-Tetrachlorobenzene	UG/L						
L	SVOCs	SW8270D	N	2,2'-Dichlorodiisopropylether	UG/L						
L	SVOCs	SW8270D	N	2,4,5-Trichlorophenol	UG/L						
L	SVOCs	SW8270D	N	2,4,6-Trichlorophenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dichlorophenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dimethylphenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dinitrophenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dinitrotoluene	UG/L						
L	SVOCs	SW8270D	N	2,6-Dinitrotoluene	UG/L						
L	SVOCs	SW8270D	N	2-Chloronaphthalene	UG/L						
L	SVOCs	SW8270D	N	2-Chlorophenol	UG/L						
L	SVOCs	SW8270D	N	2-Methylnaphthalene	UG/L						
L	SVOCs	SW8270D	N	2-Methylphenol	UG/L						
L	SVOCs	SW8270D	N	2-Nitroaniline	UG/L						
L	SVOCs	SW8270D	N	2-Nitrophenol	UG/L						
L	SVOCs	SW8270D	N	3,3'-Dichlorobenzidine	UG/L						
L	SVOCs	SW8270D	N	3-Nitroaniline	UG/L						
L	SVOCs	SW8270D	N	4,6-Dinitro-2-methylphenol	UG/L						
L	SVOCs	SW8270D	N	4-Bromophenyl phenyl ether	UG/L						
L	SVOCs	SW8270D	N	4-Chloro-3-methylphenol	UG/L						
L	SVOCs	SW8270D	N	4-Chloroaniline	UG/L						
L	SVOCs	SW8270D	N	4-Chlorophenyl phenyl ether	UG/L						
L	SVOCs	SW8270D	N	4-Methylphenol	UG/L						
L	SVOCs	SW8270D	N	4-Nitroaniline	UG/L						
L	SVOCs	SW8270D	N	4-Nitrophenol	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
CATEGORY A REVIEW  
MAY 2024 GROUNDWATER SAMPLING PROGRAM  
AL TECH SPECIALTY STEEL SITE  
COLONIE, NEW YORK

					Location	MW-32		MW-37		MW-37	
					Lab Sample Delivery Group	JD89099		480-220127-1		JD88916	
					Field Sample Date	5/22/2024		5/21/2024		5/21/2024	
					Field Sample ID	401003MW3209XX		401003MW3714XX		401003MW3714XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Acenaphthene	UG/L						
L	SVOCs	SW8270D	N	Acenaphthylene	UG/L						
L	SVOCs	SW8270D	N	Acetophenone	UG/L						
L	SVOCs	SW8270D	N	Anthracene	UG/L						
L	SVOCs	SW8270D	N	Atrazine	UG/L						
L	SVOCs	SW8270D	N	Benzaldehyde	UG/L						
L	SVOCs	SW8270D	N	Benzo(a)anthracene	UG/L						
L	SVOCs	SW8270D	N	Benzo(a)pyrene	UG/L						
L	SVOCs	SW8270D	N	Benzo(b)fluoranthene	UG/L						
L	SVOCs	SW8270D	N	Benzo(ghi)perylene	UG/L						
L	SVOCs	SW8270D	N	Benzo(k)fluoranthene	UG/L						
L	SVOCs	SW8270D	N	Biphenyl	UG/L						
L	SVOCs	SW8270D	N	Bis(2-Chloroethoxy)methane	UG/L						
L	SVOCs	SW8270D	N	Bis(2-Chloroethyl)ether	UG/L						
L	SVOCs	SW8270D	N	Bis(2-Ethylhexyl)phthalate	UG/L						
L	SVOCs	SW8270D	N	Butylbenzylphthalate	UG/L						
L	SVOCs	SW8270D	N	Caprolactam	UG/L						
L	SVOCs	SW8270D	N	Carbazole	UG/L						
L	SVOCs	SW8270D	N	Chrysene	UG/L						
L	SVOCs	SW8270D	N	Di-n-butylphthalate	UG/L						
L	SVOCs	SW8270D	N	Di-n-octylphthalate	UG/L						
L	SVOCs	SW8270D	N	Dibenz(a,h)anthracene	UG/L						
L	SVOCs	SW8270D	N	Dibenzofuran	UG/L						
L	SVOCs	SW8270D	N	Diethylphthalate	UG/L						
L	SVOCs	SW8270D	N	Dimethylphthalate	UG/L						
L	SVOCs	SW8270D	N	Fluoranthene	UG/L						
L	SVOCs	SW8270D	N	Fluorene	UG/L						
L	SVOCs	SW8270D	N	Hexachlorobenzene	UG/L						
L	SVOCs	SW8270D	N	Hexachlorobutadiene	UG/L						
L	SVOCs	SW8270D	N	Hexachlorocyclopentadiene	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-32	MW-37	MW-37			
					Lab Sample Delivery Group	JD89099	480-220127-1	JD88916			
					Field Sample Date	5/22/2024	5/21/2024	5/21/2024			
					Field Sample ID	401003MW3209XX	401003MW3714XX	401003MW3714XX			
					Qc Code	FS	FS	FS			
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Hexachloroethane	UG/L						
L	SVOCs	SW8270D	N	Indeno(1,2,3-cd)pyrene	UG/L						
L	SVOCs	SW8270D	N	Isophorone	UG/L						
L	SVOCs	SW8270D	N	N-Nitrosodi-n-propylamine	UG/L						
L	SVOCs	SW8270D	N	N-Nitrosodiphenylamine	UG/L						
L	SVOCs	SW8270D	N	Naphthalene	UG/L						
L	SVOCs	SW8270D	N	Nitrobenzene	UG/L						
L	SVOCs	SW8270D	N	Pentachlorophenol	UG/L						
L	SVOCs	SW8270D	N	Phenanthrene	UG/L						
L	SVOCs	SW8270D	N	Phenol	UG/L						
L	SVOCs	SW8270D	N	Pyrene	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-39		MW-39		MW-3B	
					Lab Sample Delivery Group	480-220127-1		JD88916		480-220201-1	
					Field Sample Date	5/21/2024		5/21/2024		5/23/2024	
					Field Sample ID	401003MW3914XX		401003MW3914XX		401003MW3B45XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	1,1,1-Trichloroethane	UG/L						
L	VOCs	SW8260C	N	1,1,2,2-Tetrachloroethane	UG/L						
L	VOCs	SW8260C	N	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	UG/L						
L	VOCs	SW8260C	N	1,1,2-Trichloroethane	UG/L						
L	VOCs	SW8260C	N	1,1-Dichloroethane	UG/L						
L	VOCs	SW8260C	N	1,1-Dichloroethene	UG/L						
L	VOCs	SW8260C	N	1,2,3-Trichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,2,4-Trichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,2,4-Trimethylbenzene	UG/L						
L	VOCs	SW8260C	N	1,2-Dibromo-3-chloropropane	UG/L						
L	VOCs	SW8260C	N	1,2-Dibromoethane	UG/L						
L	VOCs	SW8260C	N	1,2-Dichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,2-Dichloroethane	UG/L						
L	VOCs	SW8260C	N	1,2-Dichloropropane	UG/L						
L	VOCs	SW8260C	N	1,3,5-Trimethylbenzene	UG/L						
L	VOCs	SW8260C	N	1,3-Dichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,4-Dichlorobenzene	UG/L						
L	VOCs	SW8260C	N	1,4-Dioxane	UG/L						
L	VOCs	SW8260C	N	2-Butanone	UG/L						
L	VOCs	SW8260C	N	2-Hexanone	UG/L						
L	VOCs	SW8260C	N	4-iso-Propyltoluene	UG/L						
L	VOCs	SW8260C	N	4-Methyl-2-pentanone	UG/L						
L	VOCs	SW8260C	N	Acetic acid, methyl ester	UG/L						
L	VOCs	SW8260C	N	Acetone	UG/L						
L	VOCs	SW8260C	N	Benzene	UG/L						
L	VOCs	SW8260C	N	Bromochloromethane	UG/L						
L	VOCs	SW8260C	N	Bromodichloromethane	UG/L						
L	VOCs	SW8260C	N	Bromoform	UG/L						
L	VOCs	SW8260C	N	Bromomethane	UG/L						
L	VOCs	SW8260C	N	Carbon disulfide	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-39		MW-39		MW-3B	
					Lab Sample Delivery Group	480-220127-1		JD88916		480-220201-1	
					Field Sample Date	5/21/2024		5/21/2024		5/23/2024	
					Field Sample ID	401003MW3914XX		401003MW3914XX		401003MW3B45XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	Carbon tetrachloride	UG/L						
L	VOCs	SW8260C	N	Chlorobenzene	UG/L						
L	VOCs	SW8260C	N	Chloroethane	UG/L						
L	VOCs	SW8260C	N	Chloroform	UG/L						
L	VOCs	SW8260C	N	Chloromethane	UG/L						
L	VOCs	SW8260C	N	cis-1,2-Dichloroethene	UG/L						
L	VOCs	SW8260C	N	cis-1,3-Dichloropropene	UG/L						
L	VOCs	SW8260C	N	Cyclohexane	UG/L						
L	VOCs	SW8260C	N	Dibromochloromethane	UG/L						
L	VOCs	SW8260C	N	Dichlorodifluoromethane	UG/L						
L	VOCs	SW8260C	N	Ethylbenzene	UG/L						
L	VOCs	SW8260C	N	Isopropylbenzene	UG/L						
L	VOCs	SW8260C	N	Methyl cyclohexane	UG/L						
L	VOCs	SW8260C	N	Methyl Tertbutyl Ether	UG/L						
L	VOCs	SW8260C	N	Methylene chloride	UG/L						
L	VOCs	SW8260C	N	n-Butylbenzene	UG/L						
L	VOCs	SW8260C	N	Propylbenzene	UG/L						
L	VOCs	SW8260C	N	sec-Butylbenzene	UG/L						
L	VOCs	SW8260C	N	Styrene	UG/L						
L	VOCs	SW8260C	N	tert-Butylbenzene	UG/L						
L	VOCs	SW8260C	N	Tetrachloroethene	UG/L						
L	VOCs	SW8260C	N	Toluene	UG/L						
L	VOCs	SW8260C	N	trans-1,2-Dichloroethene	UG/L						
L	VOCs	SW8260C	N	trans-1,3-Dichloropropene	UG/L						
L	VOCs	SW8260C	N	Trichloroethene	UG/L						
L	VOCs	SW8260C	N	Trichlorofluoromethane	UG/L						
L	VOCs	SW8260C	N	Vinyl chloride	UG/L						
L	VOCs	SW8260C	N	Xylenes, Total	UG/L						
L	Ammonia	E350.1	N	Ammonium	MG/L						
L	Anions	E300.0	N	Sulfate	MG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-39		MW-39		MW-3B	
					Lab Sample Delivery Group	480-220127-1		JD88916		480-220201-1	
					Field Sample Date	5/21/2024		5/21/2024		5/23/2024	
					Field Sample ID	401003MW3914XX		401003MW3914XX		401003MW3B45XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	Anions	E300.0	N	Fluoride	MG/L						
L	Anions	E353.2	N	Nitrate as N	MG/L						
L	Hex Chrome	SW8467199	T	Chromium, Hexavalent	MG/L			0.0055	U		
L	Metals	SW6010D	D	Arsenic	MG/L					0.015	U
L	Metals	SW6010D	D	Barium	MG/L					1.3	
L	Metals	SW6010D	D	Chromium	MG/L					0.0022	J
L	Metals	SW6010D	D	Copper	MG/L					0.01	U
L	Metals	SW6010D	D	Lead	MG/L					0.0045	J
L	Metals	SW6010D	D	Manganese	MG/L					0.013	
L	Metals	SW6010D	D	Molybdenum	MG/L					0.01	U
L	Metals	SW6010D	D	Nickel	MG/L					0.01	U
L	Metals	SW6010D	D	Selenium	MG/L					0.025	U
L	Metals	SW6010D	T	Arsenic	MG/L	0.015	U			0.015	U
L	Metals	SW6010D	T	Barium	MG/L	0.084				1.5	
L	Metals	SW6010D	T	Chromium	MG/L	0.004	U			0.0018	J
L	Metals	SW6010D	T	Copper	MG/L	0.01	U			0.0051	J
L	Metals	SW6010D	T	Lead	MG/L	0.01	U			0.01	U
L	Metals	SW6010D	T	Manganese	MG/L	7.8				0.037	
L	Metals	SW6010D	T	Molybdenum	MG/L	0.01	U			0.01	U
L	Metals	SW6010D	T	Nickel	MG/L	0.0051	J			0.0018	J
L	Metals	SW6010D	T	Selenium	MG/L	0.025	U			0.025	U
L	Metals	SW7470A	D	Mercury	MG/L					0.0002	U
L	Metals	SW7470A	T	Mercury	MG/L	0.0002	U			0.0002	U
L	Organic Range	SW8015D	N	Diesel Range Organics	MG/L						
L	Organic Range	SW8015D	N	Petroleum Hydrocarbons C20-C34	MG/L						
L	PCBs	SW8082A	N	Aroclor-1016	UG/L	0.057	U			0.06	U
L	PCBs	SW8082A	N	Aroclor-1221	UG/L	0.057	U			0.06	U
L	PCBs	SW8082A	N	Aroclor-1232	UG/L	0.057	U			0.06	U
L	PCBs	SW8082A	N	Aroclor-1242	UG/L	0.057	U			0.06	U
L	PCBs	SW8082A	N	Aroclor-1248	UG/L	0.057	U			0.06	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-39		MW-39		MW-3B	
					Lab Sample Delivery Group	480-220127-1		JD88916		480-220201-1	
					Field Sample Date	5/21/2024		5/21/2024		5/23/2024	
					Field Sample ID	401003MW3914XX		401003MW3914XX		401003MW3B45XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	PCBs	SW8082A	N	Aroclor-1254	UG/L	0.057	U			0.06	U
L	PCBs	SW8082A	N	Aroclor-1260	UG/L	0.057	U			0.06	U
L	PCBs	SW8082A	N	Aroclor-1262	UG/L	0.057	U			0.06	U
L	PCBs	SW8082A	N	Aroclor-1268	UG/L	0.057	U			0.06	U
L	PCBs	SW8082A	N	Total PCBs	UG/L	0.057	U			0.06	U
L	SVOCs	SW8270D	N	1,2,4,5-Tetrachlorobenzene	UG/L						
L	SVOCs	SW8270D	N	2,2'-Dichlorodiisopropylether	UG/L						
L	SVOCs	SW8270D	N	2,4,5-Trichlorophenol	UG/L						
L	SVOCs	SW8270D	N	2,4,6-Trichlorophenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dichlorophenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dimethylphenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dinitrophenol	UG/L						
L	SVOCs	SW8270D	N	2,4-Dinitrotoluene	UG/L						
L	SVOCs	SW8270D	N	2,6-Dinitrotoluene	UG/L						
L	SVOCs	SW8270D	N	2-Chloronaphthalene	UG/L						
L	SVOCs	SW8270D	N	2-Chlorophenol	UG/L						
L	SVOCs	SW8270D	N	2-Methylnaphthalene	UG/L						
L	SVOCs	SW8270D	N	2-Methylphenol	UG/L						
L	SVOCs	SW8270D	N	2-Nitroaniline	UG/L						
L	SVOCs	SW8270D	N	2-Nitrophenol	UG/L						
L	SVOCs	SW8270D	N	3,3'-Dichlorobenzidine	UG/L						
L	SVOCs	SW8270D	N	3-Nitroaniline	UG/L						
L	SVOCs	SW8270D	N	4,6-Dinitro-2-methylphenol	UG/L						
L	SVOCs	SW8270D	N	4-Bromophenyl phenyl ether	UG/L						
L	SVOCs	SW8270D	N	4-Chloro-3-methylphenol	UG/L						
L	SVOCs	SW8270D	N	4-Chloroaniline	UG/L						
L	SVOCs	SW8270D	N	4-Chlorophenyl phenyl ether	UG/L						
L	SVOCs	SW8270D	N	4-Methylphenol	UG/L						
L	SVOCs	SW8270D	N	4-Nitroaniline	UG/L						
L	SVOCs	SW8270D	N	4-Nitrophenol	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-39		MW-39		MW-3B	
					Lab Sample Delivery Group	480-220127-1		JD88916		480-220201-1	
					Field Sample Date	5/21/2024		5/21/2024		5/23/2024	
					Field Sample ID	401003MW3914XX		401003MW3914XX		401003MW3B45XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Acenaphthene	UG/L						
L	SVOCs	SW8270D	N	Acenaphthylene	UG/L						
L	SVOCs	SW8270D	N	Acetophenone	UG/L						
L	SVOCs	SW8270D	N	Anthracene	UG/L						
L	SVOCs	SW8270D	N	Atrazine	UG/L						
L	SVOCs	SW8270D	N	Benzaldehyde	UG/L						
L	SVOCs	SW8270D	N	Benzo(a)anthracene	UG/L						
L	SVOCs	SW8270D	N	Benzo(a)pyrene	UG/L						
L	SVOCs	SW8270D	N	Benzo(b)fluoranthene	UG/L						
L	SVOCs	SW8270D	N	Benzo(ghi)perylene	UG/L						
L	SVOCs	SW8270D	N	Benzo(k)fluoranthene	UG/L						
L	SVOCs	SW8270D	N	Biphenyl	UG/L						
L	SVOCs	SW8270D	N	Bis(2-Chloroethoxy)methane	UG/L						
L	SVOCs	SW8270D	N	Bis(2-Chloroethyl)ether	UG/L						
L	SVOCs	SW8270D	N	Bis(2-Ethylhexyl)phthalate	UG/L						
L	SVOCs	SW8270D	N	Butylbenzylphthalate	UG/L						
L	SVOCs	SW8270D	N	Caprolactam	UG/L						
L	SVOCs	SW8270D	N	Carbazole	UG/L						
L	SVOCs	SW8270D	N	Chrysene	UG/L						
L	SVOCs	SW8270D	N	Di-n-butylphthalate	UG/L						
L	SVOCs	SW8270D	N	Di-n-octylphthalate	UG/L						
L	SVOCs	SW8270D	N	Dibenz(a,h)anthracene	UG/L						
L	SVOCs	SW8270D	N	Dibenzofuran	UG/L						
L	SVOCs	SW8270D	N	Diethylphthalate	UG/L						
L	SVOCs	SW8270D	N	Dimethylphthalate	UG/L						
L	SVOCs	SW8270D	N	Fluoranthene	UG/L						
L	SVOCs	SW8270D	N	Fluorene	UG/L						
L	SVOCs	SW8270D	N	Hexachlorobenzene	UG/L						
L	SVOCs	SW8270D	N	Hexachlorobutadiene	UG/L						
L	SVOCs	SW8270D	N	Hexachlorocyclopentadiene	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-39		MW-39		MW-3B	
					Lab Sample Delivery Group	480-220127-1		JD88916		480-220201-1	
					Field Sample Date	5/21/2024		5/21/2024		5/23/2024	
					Field Sample ID	401003MW3914XX		401003MW3914XX		401003MW3B45XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Hexachloroethane	UG/L						
L	SVOCs	SW8270D	N	Indeno(1,2,3-cd)pyrene	UG/L						
L	SVOCs	SW8270D	N	Isophorone	UG/L						
L	SVOCs	SW8270D	N	N-Nitrosodi-n-propylamine	UG/L						
L	SVOCs	SW8270D	N	N-Nitrosodiphenylamine	UG/L						
L	SVOCs	SW8270D	N	Naphthalene	UG/L						
L	SVOCs	SW8270D	N	Nitrobenzene	UG/L						
L	SVOCs	SW8270D	N	Pentachlorophenol	UG/L						
L	SVOCs	SW8270D	N	Phenanthrene	UG/L						
L	SVOCs	SW8270D	N	Phenol	UG/L						
L	SVOCs	SW8270D	N	Pyrene	UG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-4		MW-43		MW-43	
					Lab Sample Delivery Group	480-220201-1		480-220127-1		JD88916	
					Field Sample Date	5/22/2024		5/21/2024		5/21/2024	
					Field Sample ID	401003MW0413XX		401003MW4309XX		401003MW4309XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	1,1,1-Trichloroethane	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	1,1,2,2-Tetrachloroethane	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	1,1,2-Trichloroethane	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	1,1-Dichloroethane	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	1,1-Dichloroethene	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	1,2,3-Trichlorobenzene	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	1,2,4-Trichlorobenzene	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	1,2,4-Trimethylbenzene	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	1,2-Dibromo-3-chloropropane	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	1,2-Dibromoethane	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	1,2-Dichlorobenzene	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	1,2-Dichloroethane	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	1,2-Dichloropropane	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	1,3,5-Trimethylbenzene	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	1,3-Dichlorobenzene	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	1,4-Dichlorobenzene	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	1,4-Dioxane	UG/L	80	U	40	U		
L	VOCs	SW8260C	N	2-Butanone	UG/L	20	U	10	U		
L	VOCs	SW8260C	N	2-Hexanone	UG/L	10	U	5.0	U		
L	VOCs	SW8260C	N	4-iso-Propyltoluene	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	4-Methyl-2-pentanone	UG/L	10	U	5.0	U		
L	VOCs	SW8260C	N	Acetic acid, methyl ester	UG/L	5.0	U	2.5	U		
L	VOCs	SW8260C	N	Acetone	UG/L	20	U	10	U		
L	VOCs	SW8260C	N	Benzene	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	Bromochloromethane	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	Bromodichloromethane	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	Bromoform	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	Bromomethane	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	Carbon disulfide	UG/L	2.0	U	1.0	U		

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-4		MW-43		MW-43	
					Lab Sample Delivery Group	480-220201-1		480-220127-1		JD88916	
					Field Sample Date	5/22/2024		5/21/2024		5/21/2024	
					Field Sample ID	401003MW0413XX		401003MW4309XX		401003MW4309XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	Carbon tetrachloride	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	Chlorobenzene	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	Chloroethane	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	Chloroform	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	Chloromethane	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	cis-1,2-Dichloroethene	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	cis-1,3-Dichloropropene	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	Cyclohexane	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	Dibromochloromethane	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	Dichlorodifluoromethane	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	Ethylbenzene	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	Isopropylbenzene	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	Methyl cyclohexane	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	Methyl Tertbutyl Ether	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	Methylene chloride	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	n-Butylbenzene	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	Propylbenzene	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	sec-Butylbenzene	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	Styrene	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	tert-Butylbenzene	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	Tetrachloroethene	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	Toluene	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	trans-1,2-Dichloroethene	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	trans-1,3-Dichloropropene	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	Trichloroethene	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	Trichlorofluoromethane	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	Vinyl chloride	UG/L	2.0	U	1.0	U		
L	VOCs	SW8260C	N	Xylenes, Total	UG/L	4.0	U	2.0	U		
L	Ammonia	E350.1	N	Ammonium	MG/L	0.42		0.02	U		
L	Anions	E300.0	N	Sulfate	MG/L	23.6		46.5			

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 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-4		MW-43		MW-43	
					Lab Sample Delivery Group	480-220201-1		480-220127-1		JD88916	
					Field Sample Date	5/22/2024		5/21/2024		5/21/2024	
					Field Sample ID	401003MW0413XX		401003MW4309XX		401003MW4309XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	Anions	E300.0	N	Fluoride	MG/L	13.8		0.2			
L	Anions	E353.2	N	Nitrate as N	MG/L	0.049	J	0.05	UJ		
L	Hex Chrome	SW8467199	T	Chromium, Hexavalent	MG/L					0.0055	UJ
L	Metals	SW6010D	D	Arsenic	MG/L						
L	Metals	SW6010D	D	Barium	MG/L						
L	Metals	SW6010D	D	Chromium	MG/L						
L	Metals	SW6010D	D	Copper	MG/L						
L	Metals	SW6010D	D	Lead	MG/L						
L	Metals	SW6010D	D	Manganese	MG/L						
L	Metals	SW6010D	D	Molybdenum	MG/L						
L	Metals	SW6010D	D	Nickel	MG/L						
L	Metals	SW6010D	D	Selenium	MG/L						
L	Metals	SW6010D	T	Arsenic	MG/L	0.015	U	0.015	U		
L	Metals	SW6010D	T	Barium	MG/L	0.045		0.04			
L	Metals	SW6010D	T	Chromium	MG/L	0.004	U	0.004	U		
L	Metals	SW6010D	T	Copper	MG/L	0.01	U	0.01	U		
L	Metals	SW6010D	T	Lead	MG/L	0.01	U	0.01	U		
L	Metals	SW6010D	T	Manganese	MG/L	9.3		0.16			
L	Metals	SW6010D	T	Molybdenum	MG/L	0.081		0.01	U		
L	Metals	SW6010D	T	Nickel	MG/L	0.023		0.01	U		
L	Metals	SW6010D	T	Selenium	MG/L	0.025	U	0.025	U		
L	Metals	SW7470A	D	Mercury	MG/L						
L	Metals	SW7470A	T	Mercury	MG/L	0.0002	U	0.0002	U		
L	Organic Range	SW8015D	N	Diesel Range Organics	MG/L	0.41	J	0.5	U		
L	Organic Range	SW8015D	N	Petroleum Hydrocarbons C20-C34	MG/L	0.5	U	0.5	U		
L	PCBs	SW8082A	N	Aroclor-1016	UG/L	0.057	U	0.057	U		
L	PCBs	SW8082A	N	Aroclor-1221	UG/L	0.057	U	0.057	U		
L	PCBs	SW8082A	N	Aroclor-1232	UG/L	0.057	U	0.057	U		
L	PCBs	SW8082A	N	Aroclor-1242	UG/L	0.057	U	0.057	U		
L	PCBs	SW8082A	N	Aroclor-1248	UG/L	0.057	U	0.057	U		

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 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-4		MW-43		MW-43	
					Lab Sample Delivery Group	480-220201-1		480-220127-1		JD88916	
					Field Sample Date	5/22/2024		5/21/2024		5/21/2024	
					Field Sample ID	401003MW0413XX		401003MW4309XX		401003MW4309XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	PCBs	SW8082A	N	Aroclor-1254	UG/L	0.057	U	0.057	U		
L	PCBs	SW8082A	N	Aroclor-1260	UG/L	0.057	U	0.057	U		
L	PCBs	SW8082A	N	Aroclor-1262	UG/L	0.057	U	0.057	U		
L	PCBs	SW8082A	N	Aroclor-1268	UG/L	0.057	U	0.057	U		
L	PCBs	SW8082A	N	Total PCBs	UG/L	0.057	U	0.057	U		
L	SVOCs	SW8270D	N	1,2,4,5-Tetrachlorobenzene	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	2,2'-Dichlorodiisopropylether	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	2,4,5-Trichlorophenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	2,4,6-Trichlorophenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	2,4-Dichlorophenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	2,4-Dimethylphenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	2,4-Dinitrophenol	UG/L	10	U	10	U		
L	SVOCs	SW8270D	N	2,4-Dinitrotoluene	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	2,6-Dinitrotoluene	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	2-Chloronaphthalene	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	2-Chlorophenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	2-Methylnaphthalene	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	2-Methylphenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	2-Nitroaniline	UG/L	10	UJ	10	U		
L	SVOCs	SW8270D	N	2-Nitrophenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	3,3'-Dichlorobenzidine	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	3-Nitroaniline	UG/L	10	UJ	10	U		
L	SVOCs	SW8270D	N	4,6-Dinitro-2-methylphenol	UG/L	10	U	10	U		
L	SVOCs	SW8270D	N	4-Bromophenyl phenyl ether	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	4-Chloro-3-methylphenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	4-Chloroaniline	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	4-Chlorophenyl phenyl ether	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	4-Methylphenol	UG/L	10	U	10	U		
L	SVOCs	SW8270D	N	4-Nitroaniline	UG/L	10	UJ	10	U		
L	SVOCs	SW8270D	N	4-Nitrophenol	UG/L	10	U	10	U		

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-4		MW-43		MW-43	
					Lab Sample Delivery Group	480-220201-1		480-220127-1		JD88916	
					Field Sample Date	5/22/2024		5/21/2024		5/21/2024	
					Field Sample ID	401003MW0413XX		401003MW4309XX		401003MW4309XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Acenaphthene	UG/L	6.3	J-	5.0	U		
L	SVOCs	SW8270D	N	Acenaphthylene	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Acetophenone	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Anthracene	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Atrazine	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Benzaldehyde	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Benzo(a)anthracene	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Benzo(a)pyrene	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Benzo(b)fluoranthene	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Benzo(ghi)perylene	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Benzo(k)fluoranthene	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Biphenyl	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Bis(2-Chloroethoxy)methane	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Bis(2-Chloroethyl)ether	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Bis(2-Ethylhexyl)phthalate	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Butylbenzylphthalate	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Caprolactam	UG/L	5.0	UJ	2.4	J-		
L	SVOCs	SW8270D	N	Carbazole	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Chrysene	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Di-n-butylphthalate	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Di-n-octylphthalate	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Dibenz(a,h)anthracene	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Dibenzofuran	UG/L	10	UJ	10	U		
L	SVOCs	SW8270D	N	Diethylphthalate	UG/L	5.0	UJ	4.2	J		
L	SVOCs	SW8270D	N	Dimethylphthalate	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Fluoranthene	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Fluorene	UG/L	7.9	J-	5.0	U		
L	SVOCs	SW8270D	N	Hexachlorobenzene	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Hexachlorobutadiene	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Hexachlorocyclopentadiene	UG/L	5.0	UJ	5.0	UJ		

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-4	MW-43	MW-43			
					Lab Sample Delivery Group	480-220201-1	480-220127-1	JD88916			
					Field Sample Date	5/22/2024	5/21/2024	5/21/2024			
					Field Sample ID	401003MW0413XX	401003MW4309XX	401003MW4309XX			
					Qc Code	FS	FS	FS			
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Hexachloroethane	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Indeno(1,2,3-cd)pyrene	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Isophorone	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	N-Nitrosodi-n-propylamine	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	N-Nitrosodiphenylamine	UG/L	7.9	J-	5.0	U		
L	SVOCs	SW8270D	N	Naphthalene	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Nitrobenzene	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Pentachlorophenol	UG/L	10	U	10	U		
L	SVOCs	SW8270D	N	Phenanthrene	UG/L	5.0	UJ	5.0	U		
L	SVOCs	SW8270D	N	Phenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	Pyrene	UG/L	5.0	UJ	5.0	U		

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-4B		MW-5		MW-5B	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220201-1	
					Field Sample Date	5/22/2024		5/23/2024		5/23/2024	
					Field Sample ID	401003MW04B46X		401003MW0513XX		401003MW05B54X	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	1,1,1-Trichloroethane	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,1,2,2-Tetrachloroethane	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,1,2-Trichloroethane	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,1-Dichloroethane	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,1-Dichloroethene	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,2,3-Trichlorobenzene	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,2,4-Trichlorobenzene	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,2,4-Trimethylbenzene	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,2-Dibromo-3-chloropropane	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,2-Dibromoethane	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,2-Dichlorobenzene	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,2-Dichloroethane	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,2-Dichloropropane	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,3,5-Trimethylbenzene	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,3-Dichlorobenzene	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,4-Dichlorobenzene	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,4-Dioxane	UG/L	40	U	40	U	40	U
L	VOCs	SW8260C	N	2-Butanone	UG/L	10	U	10	U	10	U
L	VOCs	SW8260C	N	2-Hexanone	UG/L	5.0	U	5.0	U	5.0	U
L	VOCs	SW8260C	N	4-iso-Propyltoluene	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	4-Methyl-2-pentanone	UG/L	5.0	U	5.0	U	5.0	U
L	VOCs	SW8260C	N	Acetic acid, methyl ester	UG/L	2.5	U	2.5	U	2.5	U
L	VOCs	SW8260C	N	Acetone	UG/L	10	U	10	U	10	U
L	VOCs	SW8260C	N	Benzene	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Bromochloromethane	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Bromodichloromethane	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Bromoform	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Bromomethane	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Carbon disulfide	UG/L	1.0	U	1.0	U	1.0	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-4B		MW-5		MW-5B	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220201-1	
					Field Sample Date	5/22/2024		5/23/2024		5/23/2024	
					Field Sample ID	401003MW04B46X		401003MW0513XX		401003MW05B54X	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	Carbon tetrachloride	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Chlorobenzene	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Chloroethane	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Chloroform	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Chloromethane	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	cis-1,2-Dichloroethene	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	cis-1,3-Dichloropropene	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Cyclohexane	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Dibromochloromethane	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Dichlorodifluoromethane	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Ethylbenzene	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Isopropylbenzene	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Methyl cyclohexane	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Methyl Tertbutyl Ether	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Methylene chloride	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	n-Butylbenzene	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Propylbenzene	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	sec-Butylbenzene	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Styrene	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	tert-Butylbenzene	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Tetrachloroethene	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Toluene	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	trans-1,2-Dichloroethene	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	trans-1,3-Dichloropropene	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Trichloroethene	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Trichlorofluoromethane	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Vinyl chloride	UG/L	1.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Xylenes, Total	UG/L	2.0	U	2.0	U	2.0	U
L	Ammonia	E350.1	N	Ammonium	MG/L	0.47					
L	Anions	E300.0	N	Sulfate	MG/L	28.5					

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-4B		MW-5		MW-5B	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220201-1	
					Field Sample Date	5/22/2024		5/23/2024		5/23/2024	
					Field Sample ID	401003MW04B46X		401003MW0513XX		401003MW05B54X	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	Anions	E300.0	N	Fluoride	MG/L	13.8					
L	Anions	E353.2	N	Nitrate as N	MG/L	0.05	UJ				
L	Hex Chrome	SW8467199	T	Chromium, Hexavalent	MG/L						
L	Metals	SW6010D	D	Arsenic	MG/L					0.015	U
L	Metals	SW6010D	D	Barium	MG/L					1.5	
L	Metals	SW6010D	D	Chromium	MG/L					0.0096	
L	Metals	SW6010D	D	Copper	MG/L					0.0025	J
L	Metals	SW6010D	D	Lead	MG/L					0.0047	J
L	Metals	SW6010D	D	Manganese	MG/L					0.078	
L	Metals	SW6010D	D	Molybdenum	MG/L					0.01	U
L	Metals	SW6010D	D	Nickel	MG/L					0.0065	J
L	Metals	SW6010D	D	Selenium	MG/L					0.025	U
L	Metals	SW6010D	T	Arsenic	MG/L	0.015	U	0.0085	J	0.0063	J
L	Metals	SW6010D	T	Barium	MG/L	0.3		0.11		1.5	
L	Metals	SW6010D	T	Chromium	MG/L	0.0027	J	0.004	U	0.018	
L	Metals	SW6010D	T	Copper	MG/L	0.01	U	0.01	U	0.011	
L	Metals	SW6010D	T	Lead	MG/L	0.01	U	0.01	U	0.0035	J
L	Metals	SW6010D	T	Manganese	MG/L	0.97		0.97		0.18	
L	Metals	SW6010D	T	Molybdenum	MG/L	0.01	U	0.034		0.01	U
L	Metals	SW6010D	T	Nickel	MG/L	0.054		0.01	U	0.018	
L	Metals	SW6010D	T	Selenium	MG/L	0.025	U	0.025	U	0.025	U
L	Metals	SW7470A	D	Mercury	MG/L					0.0002	U
L	Metals	SW7470A	T	Mercury	MG/L	0.0002	U	0.0002	U	0.0004	U
L	Organic Range	SW8015D	N	Diesel Range Organics	MG/L	0.5	U	0.31	J	0.5	U
L	Organic Range	SW8015D	N	Petroleum Hydrocarbons C20-C34	MG/L	0.5	U	0.5	U	0.5	U
L	PCBs	SW8082A	N	Aroclor-1016	UG/L	0.057	U	0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1221	UG/L	0.057	U	0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1232	UG/L	0.057	U	0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1242	UG/L	0.057	U	0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1248	UG/L	0.057	U	0.057	U	0.057	U

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 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-4B		MW-5		MW-5B	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220201-1	
					Field Sample Date	5/22/2024		5/23/2024		5/23/2024	
					Field Sample ID	401003MW04B46X		401003MW0513XX		401003MW05B54X	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	PCBs	SW8082A	N	Aroclor-1254	UG/L	0.057	U	0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1260	UG/L	0.057	U	0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1262	UG/L	0.057	U	0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1268	UG/L	0.057	U	0.057	U	0.057	U
L	PCBs	SW8082A	N	Total PCBs	UG/L	0.057	U	0.057	U	0.057	U
L	SVOCs	SW8270D	N	1,2,4,5-Tetrachlorobenzene	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	2,2'-Dichlorodiisopropylether	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	2,4,5-Trichlorophenol	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	2,4,6-Trichlorophenol	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	2,4-Dichlorophenol	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	2,4-Dimethylphenol	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	2,4-Dinitrophenol	UG/L	10	U	10	U	10	U
L	SVOCs	SW8270D	N	2,4-Dinitrotoluene	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	2,6-Dinitrotoluene	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	2-Chloronaphthalene	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	2-Chlorophenol	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	2-Methylnaphthalene	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	2-Methylphenol	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	2-Nitroaniline	UG/L	10	U	10	U	10	U
L	SVOCs	SW8270D	N	2-Nitrophenol	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	3,3'-Dichlorobenzidine	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	3-Nitroaniline	UG/L	10	U	10	U	10	U
L	SVOCs	SW8270D	N	4,6-Dinitro-2-methylphenol	UG/L	10	U	10	U	10	U
L	SVOCs	SW8270D	N	4-Bromophenyl phenyl ether	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	4-Chloro-3-methylphenol	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	4-Chloroaniline	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	4-Chlorophenyl phenyl ether	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	4-Methylphenol	UG/L	10	U	10	U	10	U
L	SVOCs	SW8270D	N	4-Nitroaniline	UG/L	10	U	10	U	10	U
L	SVOCs	SW8270D	N	4-Nitrophenol	UG/L	10	U	10	U	10	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-4B		MW-5		MW-5B	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220201-1	
					Field Sample Date	5/22/2024		5/23/2024		5/23/2024	
					Field Sample ID	401003MW04B46X		401003MW0513XX		401003MW05B54XX	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Acenaphthene	UG/L	5.4		5.0	U	5.0	U
L	SVOCs	SW8270D	N	Acenaphthylene	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Acetophenone	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Anthracene	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Atrazine	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Benzaldehyde	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Benzo(a)anthracene	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Benzo(a)pyrene	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Benzo(b)fluoranthene	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Benzo(ghi)perylene	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Benzo(k)fluoranthene	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Biphenyl	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Bis(2-Chloroethoxy)methane	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Bis(2-Chloroethyl)ether	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Bis(2-Ethylhexyl)phthalate	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Butylbenzylphthalate	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Caprolactam	UG/L	5.0	UJ	5.0	UJ	5.0	UJ
L	SVOCs	SW8270D	N	Carbazole	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Chrysene	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Di-n-butylphthalate	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Di-n-octylphthalate	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Dibenz(a,h)anthracene	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Dibenzofuran	UG/L	10	U	10	U	10	U
L	SVOCs	SW8270D	N	Diethylphthalate	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Dimethylphthalate	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Fluoranthene	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Fluorene	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Hexachlorobenzene	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Hexachlorobutadiene	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Hexachlorocyclopentadiene	UG/L	5.0	UJ	5.0	UJ	5.0	UJ

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-4B	MW-5	MW-5B			
					Lab Sample Delivery Group	480-220201-1	480-220201-1	480-220201-1			
					Field Sample Date	5/22/2024	5/23/2024	5/23/2024			
					Field Sample ID	101003MW04B46X	401003MW0513XX	401003MW05B54X			
					Qc Code	FS	FS	FS			
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Hexachloroethane	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Indeno(1,2,3-cd)pyrene	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Isophorone	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	N-Nitrosodi-n-propylamine	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	N-Nitrosodiphenylamine	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Naphthalene	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Nitrobenzene	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Pentachlorophenol	UG/L	10	U	10	U	10	U
L	SVOCs	SW8270D	N	Phenanthrene	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Phenol	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Pyrene	UG/L	5.0	U	5.0	U	5.0	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-6		MW-6B		MW-8B	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220127-1	
					Field Sample Date	5/23/2024		5/22/2024		5/21/2024	
					Field Sample ID	401003MW0612XX		401003MW06B59X		401003MW08B38X	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	1,1,1-Trichloroethane	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,1,2,2-Tetrachloroethane	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,1,2-Trichloroethane	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,1-Dichloroethane	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,1-Dichloroethene	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,2,3-Trichlorobenzene	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,2,4-Trichlorobenzene	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,2,4-Trimethylbenzene	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,2-Dibromo-3-chloropropane	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,2-Dibromoethane	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,2-Dichlorobenzene	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,2-Dichloroethane	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,2-Dichloropropane	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,3,5-Trimethylbenzene	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,3-Dichlorobenzene	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,4-Dichlorobenzene	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	1,4-Dioxane	UG/L	160	U	40	U	40	U
L	VOCs	SW8260C	N	2-Butanone	UG/L	40	U	10	U	10	U
L	VOCs	SW8260C	N	2-Hexanone	UG/L	20	U	5.0	U	5.0	U
L	VOCs	SW8260C	N	4-iso-Propyltoluene	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	4-Methyl-2-pentanone	UG/L	20	U	5.0	U	5.0	U
L	VOCs	SW8260C	N	Acetic acid, methyl ester	UG/L	10	U	2.5	U	2.5	U
L	VOCs	SW8260C	N	Acetone	UG/L	40	U	10	U	10	U
L	VOCs	SW8260C	N	Benzene	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Bromochloromethane	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Bromodichloromethane	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Bromoform	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Bromomethane	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Carbon disulfide	UG/L	4.0	U	1.0	U	1.0	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
CATEGORY A REVIEW  
MAY 2024 GROUNDWATER SAMPLING PROGRAM  
AL TECH SPECIALTY STEEL SITE  
COLONIE, NEW YORK

					Location	MW-6		MW-6B		MW-8B	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220127-1	
					Field Sample Date	5/23/2024		5/22/2024		5/21/2024	
					Field Sample ID	401003MW0612XX		401003MW06B59X		401003MW08B38X	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	Carbon tetrachloride	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Chlorobenzene	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Chloroethane	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Chloroform	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Chloromethane	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	cis-1,2-Dichloroethene	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	cis-1,3-Dichloropropene	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Cyclohexane	UG/L	2.8	J	1.0	U	1.0	U
L	VOCs	SW8260C	N	Dibromochloromethane	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Dichlorodifluoromethane	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Ethylbenzene	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Isopropylbenzene	UG/L	3.6	J	1.0	U	1.0	U
L	VOCs	SW8260C	N	Methyl cyclohexane	UG/L	5.1		1.0	U	1.0	U
L	VOCs	SW8260C	N	Methyl Tertbutyl Ether	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Methylene chloride	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	n-Butylbenzene	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Propylbenzene	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	sec-Butylbenzene	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Styrene	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	tert-Butylbenzene	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Tetrachloroethene	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Toluene	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	trans-1,2-Dichloroethene	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	trans-1,3-Dichloropropene	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Trichloroethene	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Trichlorofluoromethane	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Vinyl chloride	UG/L	4.0	U	1.0	U	1.0	U
L	VOCs	SW8260C	N	Xylenes, Total	UG/L	8.0	U	2.0	U	2.0	U
L	Ammonia	E350.1	N	Ammonium	MG/L					0.45	
L	Anions	E300.0	N	Sulfate	MG/L					358	

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-6		MW-6B		MW-8B	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220127-1	
					Field Sample Date	5/23/2024		5/22/2024		5/21/2024	
					Field Sample ID	401003MW0612XX		401003MW06B59X		401003MW08B38X	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	Anions	E300.0	N	Fluoride	MG/L					0.48	
L	Anions	E353.2	N	Nitrate as N	MG/L					0.08 J	
L	Hex Chrome	SW8467199	T	Chromium, Hexavalent	MG/L						
L	Metals	SW6010D	D	Arsenic	MG/L						
L	Metals	SW6010D	D	Barium	MG/L						
L	Metals	SW6010D	D	Chromium	MG/L						
L	Metals	SW6010D	D	Copper	MG/L						
L	Metals	SW6010D	D	Lead	MG/L						
L	Metals	SW6010D	D	Manganese	MG/L						
L	Metals	SW6010D	D	Molybdenum	MG/L						
L	Metals	SW6010D	D	Nickel	MG/L						
L	Metals	SW6010D	D	Selenium	MG/L						
L	Metals	SW6010D	T	Arsenic	MG/L	0.024		0.015 U		0.015 U	
L	Metals	SW6010D	T	Barium	MG/L	0.55		5.7		0.032	
L	Metals	SW6010D	T	Chromium	MG/L	0.004 U		0.004 U		0.004 U	
L	Metals	SW6010D	T	Copper	MG/L	0.01 U		0.01 U		0.01 U	
L	Metals	SW6010D	T	Lead	MG/L	0.01 U		0.01 U		0.01 U	
L	Metals	SW6010D	T	Manganese	MG/L	4.6		0.32		0.41	
L	Metals	SW6010D	T	Molybdenum	MG/L	0.012		0.01 U		0.01 U	
L	Metals	SW6010D	T	Nickel	MG/L	0.01 U		0.01 U		0.01 U	
L	Metals	SW6010D	T	Selenium	MG/L	0.025 U		0.025 U		0.025 U	
L	Metals	SW7470A	D	Mercury	MG/L						
L	Metals	SW7470A	T	Mercury	MG/L	0.0002 U		0.0002 U		0.0002 U	
L	Organic Range	SW8015D	N	Diesel Range Organics	MG/L	1.1		0.5 U		0.5 U	
L	Organic Range	SW8015D	N	Petroleum Hydrocarbons C20-C34	MG/L	0.5 U		0.5 U		0.5 U	
L	PCBs	SW8082A	N	Aroclor-1016	UG/L	0.057 U		0.057 U		0.057 U	
L	PCBs	SW8082A	N	Aroclor-1221	UG/L	0.057 U		0.057 U		0.057 U	
L	PCBs	SW8082A	N	Aroclor-1232	UG/L	0.057 U		0.057 U		0.057 U	
L	PCBs	SW8082A	N	Aroclor-1242	UG/L	0.057 U		0.057 U		0.057 U	
L	PCBs	SW8082A	N	Aroclor-1248	UG/L	0.057 U		0.057 U		0.057 U	

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 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-6		MW-6B		MW-8B	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220127-1	
					Field Sample Date	5/23/2024		5/22/2024		5/21/2024	
					Field Sample ID	401003MW0612XX		401003MW06B59X		401003MW08B38X	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	PCBs	SW8082A	N	Aroclor-1254	UG/L	0.057	U	0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1260	UG/L	0.057	U	0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1262	UG/L	0.057	U	0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1268	UG/L	0.057	U	0.057	U	0.057	U
L	PCBs	SW8082A	N	Total PCBs	UG/L	0.057	U	0.057	U	0.057	U
L	SVOCs	SW8270D	N	1,2,4,5-Tetrachlorobenzene	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	2,2'-Dichlorodiisopropylether	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	2,4,5-Trichlorophenol	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	2,4,6-Trichlorophenol	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	2,4-Dichlorophenol	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	2,4-Dimethylphenol	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	2,4-Dinitrophenol	UG/L	10	U	10	U	10	U
L	SVOCs	SW8270D	N	2,4-Dinitrotoluene	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	2,6-Dinitrotoluene	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	2-Chloronaphthalene	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	2-Chlorophenol	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	2-Methylnaphthalene	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	2-Methylphenol	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	2-Nitroaniline	UG/L	10	UJ	10	UJ	10	U
L	SVOCs	SW8270D	N	2-Nitrophenol	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	3,3'-Dichlorobenzidine	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	3-Nitroaniline	UG/L	10	UJ	10	UJ	10	U
L	SVOCs	SW8270D	N	4,6-Dinitro-2-methylphenol	UG/L	10	U	10	U	10	U
L	SVOCs	SW8270D	N	4-Bromophenyl phenyl ether	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	4-Chloro-3-methylphenol	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	4-Chloroaniline	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	4-Chlorophenyl phenyl ether	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	4-Methylphenol	UG/L	10	U	10	U	10	U
L	SVOCs	SW8270D	N	4-Nitroaniline	UG/L	10	UJ	10	UJ	10	U
L	SVOCs	SW8270D	N	4-Nitrophenol	UG/L	10	U	10	U	10	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-6		MW-6B		MW-8B	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220127-1	
					Field Sample Date	5/23/2024		5/22/2024		5/21/2024	
					Field Sample ID	401003MW0612XX		401003MW06B59X		401003MW08B38X	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Acenaphthene	UG/L	0.72	J-	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Acenaphthylene	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Acetophenone	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Anthracene	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Atrazine	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Benzaldehyde	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Benzo(a)anthracene	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Benzo(a)pyrene	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Benzo(b)fluoranthene	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Benzo(ghi)perylene	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Benzo(k)fluoranthene	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Biphenyl	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Bis(2-Chloroethoxy)methane	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Bis(2-Chloroethyl)ether	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Bis(2-Ethylhexyl)phthalate	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Butylbenzylphthalate	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Caprolactam	UG/L	5.0	UJ	5.0	UJ	5.0	UJ
L	SVOCs	SW8270D	N	Carbazole	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Chrysene	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Di-n-butylphthalate	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Di-n-octylphthalate	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Dibenz(a,h)anthracene	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Dibenzofuran	UG/L	10	UJ	10	UJ	10	U
L	SVOCs	SW8270D	N	Diethylphthalate	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Dimethylphthalate	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Fluoranthene	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Fluorene	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Hexachlorobenzene	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Hexachlorobutadiene	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Hexachlorocyclopentadiene	UG/L	5.0	UJ	5.0	UJ	5.0	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-6	MW-6B	MW-8B			
					Lab Sample Delivery Group	480-220201-1	480-220201-1	480-220127-1			
					Field Sample Date	5/23/2024	5/22/2024	5/21/2024			
					Field Sample ID	401003MW0612XX	401003MW06B59X	401003MW08B38X			
					Qc Code	FS	FS	FS			
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Hexachloroethane	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Indeno(1,2,3-cd)pyrene	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Isophorone	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	N-Nitrosodi-n-propylamine	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	N-Nitrosodiphenylamine	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Naphthalene	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Nitrobenzene	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Pentachlorophenol	UG/L	10	U	10	U	10	U
L	SVOCs	SW8270D	N	Phenanthrene	UG/L	5.0	UJ	5.0	UJ	5.0	U
L	SVOCs	SW8270D	N	Phenol	UG/L	5.0	U	5.0	U	5.0	U
L	SVOCs	SW8270D	N	Pyrene	UG/L	5.0	UJ	5.0	UJ	5.0	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-8B		MW-G501		MW-I704	
					Lab Sample Delivery Group	JD88916		480-220201-1		480-220201-1	
					Field Sample Date	5/21/2024		5/23/2024		5/22/2024	
					Field Sample ID	101003MW08B38X		101003MWG50111X		101003MWI70413X	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	1,1,1-Trichloroethane	UG/L					4.0	U
L	VOCs	SW8260C	N	1,1,2,2-Tetrachloroethane	UG/L					4.0	U
L	VOCs	SW8260C	N	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	UG/L					4.0	U
L	VOCs	SW8260C	N	1,1,2-Trichloroethane	UG/L					4.0	U
L	VOCs	SW8260C	N	1,1-Dichloroethane	UG/L					4.0	U
L	VOCs	SW8260C	N	1,1-Dichloroethene	UG/L					4.0	U
L	VOCs	SW8260C	N	1,2,3-Trichlorobenzene	UG/L					4.0	U
L	VOCs	SW8260C	N	1,2,4-Trichlorobenzene	UG/L					4.0	U
L	VOCs	SW8260C	N	1,2,4-Trimethylbenzene	UG/L					4.0	U
L	VOCs	SW8260C	N	1,2-Dibromo-3-chloropropane	UG/L					4.0	U
L	VOCs	SW8260C	N	1,2-Dibromoethane	UG/L					4.0	U
L	VOCs	SW8260C	N	1,2-Dichlorobenzene	UG/L					4.0	U
L	VOCs	SW8260C	N	1,2-Dichloroethane	UG/L					4.0	U
L	VOCs	SW8260C	N	1,2-Dichloropropane	UG/L					4.0	U
L	VOCs	SW8260C	N	1,3,5-Trimethylbenzene	UG/L					4.0	U
L	VOCs	SW8260C	N	1,3-Dichlorobenzene	UG/L					4.0	U
L	VOCs	SW8260C	N	1,4-Dichlorobenzene	UG/L					4.0	U
L	VOCs	SW8260C	N	1,4-Dioxane	UG/L					160	U
L	VOCs	SW8260C	N	2-Butanone	UG/L					40	U
L	VOCs	SW8260C	N	2-Hexanone	UG/L					20	U
L	VOCs	SW8260C	N	4-iso-Propyltoluene	UG/L					4.0	U
L	VOCs	SW8260C	N	4-Methyl-2-pentanone	UG/L					20	U
L	VOCs	SW8260C	N	Acetic acid, methyl ester	UG/L					10	U
L	VOCs	SW8260C	N	Acetone	UG/L					40	U
L	VOCs	SW8260C	N	Benzene	UG/L					4.0	U
L	VOCs	SW8260C	N	Bromochloromethane	UG/L					4.0	U
L	VOCs	SW8260C	N	Bromodichloromethane	UG/L					4.0	U
L	VOCs	SW8260C	N	Bromoform	UG/L					4.0	U
L	VOCs	SW8260C	N	Bromomethane	UG/L					4.0	U
L	VOCs	SW8260C	N	Carbon disulfide	UG/L					4.0	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-8B	MW-G501	MW-I704			
					Lab Sample Delivery Group	JD88916	480-220201-1	480-220201-1			
					Field Sample Date	5/21/2024	5/23/2024	5/22/2024			
					Field Sample ID	101003MW08B38X	101003MWG50111X	101003MWI70413X			
					Qc Code	FS	FS	FS			
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	Carbon tetrachloride	UG/L					4.0	U
L	VOCs	SW8260C	N	Chlorobenzene	UG/L					4.0	U
L	VOCs	SW8260C	N	Chloroethane	UG/L					4.0	U
L	VOCs	SW8260C	N	Chloroform	UG/L					4.0	U
L	VOCs	SW8260C	N	Chloromethane	UG/L					4.0	U
L	VOCs	SW8260C	N	cis-1,2-Dichloroethene	UG/L					4.0	U
L	VOCs	SW8260C	N	cis-1,3-Dichloropropene	UG/L					4.0	U
L	VOCs	SW8260C	N	Cyclohexane	UG/L					4.0	U
L	VOCs	SW8260C	N	Dibromochloromethane	UG/L					4.0	U
L	VOCs	SW8260C	N	Dichlorodifluoromethane	UG/L					4.0	U
L	VOCs	SW8260C	N	Ethylbenzene	UG/L					4.0	U
L	VOCs	SW8260C	N	Isopropylbenzene	UG/L					4.0	U
L	VOCs	SW8260C	N	Methyl cyclohexane	UG/L					4.0	U
L	VOCs	SW8260C	N	Methyl Tertbutyl Ether	UG/L					4.0	U
L	VOCs	SW8260C	N	Methylene chloride	UG/L					4.0	U
L	VOCs	SW8260C	N	n-Butylbenzene	UG/L					4.0	U
L	VOCs	SW8260C	N	Propylbenzene	UG/L					4.0	U
L	VOCs	SW8260C	N	sec-Butylbenzene	UG/L					4.0	U
L	VOCs	SW8260C	N	Styrene	UG/L					4.0	U
L	VOCs	SW8260C	N	tert-Butylbenzene	UG/L					4.0	U
L	VOCs	SW8260C	N	Tetrachloroethene	UG/L					4.0	U
L	VOCs	SW8260C	N	Toluene	UG/L					4.0	U
L	VOCs	SW8260C	N	trans-1,2-Dichloroethene	UG/L					4.0	U
L	VOCs	SW8260C	N	trans-1,3-Dichloropropene	UG/L					4.0	U
L	VOCs	SW8260C	N	Trichloroethene	UG/L					4.0	U
L	VOCs	SW8260C	N	Trichlorofluoromethane	UG/L					4.0	U
L	VOCs	SW8260C	N	Vinyl chloride	UG/L					4.0	U
L	VOCs	SW8260C	N	Xylenes, Total	UG/L					8.0	U
L	Ammonia	E350.1	N	Ammonium	MG/L						
L	Anions	E300.0	N	Sulfate	MG/L						

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-8B	MW-G501	MW-I704			
					Lab Sample Delivery Group	JD88916	480-220201-1	480-220201-1			
					Field Sample Date	5/21/2024	5/23/2024	5/22/2024			
					Field Sample ID	01003MW08B38X0	01003MWG50111X0	01003MWI70413X0			
					Qc Code	FS	FS	FS			
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	Anions	E300.0	N	Fluoride	MG/L						
L	Anions	E353.2	N	Nitrate as N	MG/L						
L	Hex Chrome	SW8467199	T	Chromium, Hexavalent	MG/L	0.0055	UJ				
L	Metals	SW6010D	D	Arsenic	MG/L						
L	Metals	SW6010D	D	Barium	MG/L						
L	Metals	SW6010D	D	Chromium	MG/L						
L	Metals	SW6010D	D	Copper	MG/L						
L	Metals	SW6010D	D	Lead	MG/L						
L	Metals	SW6010D	D	Manganese	MG/L						
L	Metals	SW6010D	D	Molybdenum	MG/L						
L	Metals	SW6010D	D	Nickel	MG/L						
L	Metals	SW6010D	D	Selenium	MG/L						
L	Metals	SW6010D	T	Arsenic	MG/L			0.015	U	0.015	U
L	Metals	SW6010D	T	Barium	MG/L			0.16		0.099	
L	Metals	SW6010D	T	Chromium	MG/L			0.004	U	0.004	U
L	Metals	SW6010D	T	Copper	MG/L			0.0032	J	0.01	U
L	Metals	SW6010D	T	Lead	MG/L			0.01	U	0.01	U
L	Metals	SW6010D	T	Manganese	MG/L			1.6		0.49	
L	Metals	SW6010D	T	Molybdenum	MG/L			0.01	U	0.01	U
L	Metals	SW6010D	T	Nickel	MG/L			0.039		0.01	U
L	Metals	SW6010D	T	Selenium	MG/L			0.025	U	0.025	U
L	Metals	SW7470A	D	Mercury	MG/L						
L	Metals	SW7470A	T	Mercury	MG/L			0.0002	U	0.0002	U
L	Organic Range	SW8015D	N	Diesel Range Organics	MG/L						
L	Organic Range	SW8015D	N	Petroleum Hydrocarbons C20-C34	MG/L						
L	PCBs	SW8082A	N	Aroclor-1016	UG/L			0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1221	UG/L			0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1232	UG/L			0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1242	UG/L			0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1248	UG/L			0.057	U	0.057	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-8B		MW-G501		MW-I704	
					Lab Sample Delivery Group	JD88916		480-220201-1		480-220201-1	
					Field Sample Date	5/21/2024		5/23/2024		5/22/2024	
					Field Sample ID	101003MW08B38X		101003MWG50111X		101003MWI70413X	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	PCBs	SW8082A	N	Aroclor-1254	UG/L			0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1260	UG/L			0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1262	UG/L			0.057	U	0.057	U
L	PCBs	SW8082A	N	Aroclor-1268	UG/L			0.057	U	0.057	U
L	PCBs	SW8082A	N	Total PCBs	UG/L			0.057	U	0.057	U
L	SVOCs	SW8270D	N	1,2,4,5-Tetrachlorobenzene	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	2,2'-Dichlorodiisopropylether	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	2,4,5-Trichlorophenol	UG/L			5.0	U	5.0	U
L	SVOCs	SW8270D	N	2,4,6-Trichlorophenol	UG/L			5.0	U	5.0	U
L	SVOCs	SW8270D	N	2,4-Dichlorophenol	UG/L			5.0	U	5.0	U
L	SVOCs	SW8270D	N	2,4-Dimethylphenol	UG/L			5.0	U	5.0	U
L	SVOCs	SW8270D	N	2,4-Dinitrophenol	UG/L			10	U	10	U
L	SVOCs	SW8270D	N	2,4-Dinitrotoluene	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	2,6-Dinitrotoluene	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	2-Chloronaphthalene	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	2-Chlorophenol	UG/L			5.0	U	5.0	U
L	SVOCs	SW8270D	N	2-Methylnaphthalene	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	2-Methylphenol	UG/L			5.0	U	5.0	U
L	SVOCs	SW8270D	N	2-Nitroaniline	UG/L			10	U	10	UJ
L	SVOCs	SW8270D	N	2-Nitrophenol	UG/L			5.0	U	5.0	U
L	SVOCs	SW8270D	N	3,3'-Dichlorobenzidine	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	3-Nitroaniline	UG/L			10	U	10	UJ
L	SVOCs	SW8270D	N	4,6-Dinitro-2-methylphenol	UG/L			10	U	10	U
L	SVOCs	SW8270D	N	4-Bromophenyl phenyl ether	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	4-Chloro-3-methylphenol	UG/L			5.0	U	5.0	U
L	SVOCs	SW8270D	N	4-Chloroaniline	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	4-Chlorophenyl phenyl ether	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	4-Methylphenol	UG/L			10	U	10	U
L	SVOCs	SW8270D	N	4-Nitroaniline	UG/L			10	U	10	UJ
L	SVOCs	SW8270D	N	4-Nitrophenol	UG/L			10	U	10	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-8B		MW-G501		MW-I704	
					Lab Sample Delivery Group	JD88916		480-220201-1		480-220201-1	
					Field Sample Date	5/21/2024		5/23/2024		5/22/2024	
					Field Sample ID	01003MW08B38X		01003MWG50111X		01003MWI70413X	
					Qc Code	FS		FS		FS	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Acenaphthene	UG/L			0.84	J	5.0	UJ
L	SVOCs	SW8270D	N	Acenaphthylene	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Acetophenone	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Anthracene	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Atrazine	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Benzaldehyde	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Benzo(a)anthracene	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Benzo(a)pyrene	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Benzo(b)fluoranthene	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Benzo(ghi)perylene	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Benzo(k)fluoranthene	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Biphenyl	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Bis(2-Chloroethoxy)methane	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Bis(2-Chloroethyl)ether	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Bis(2-Ethylhexyl)phthalate	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Butylbenzylphthalate	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Caprolactam	UG/L			5.0	UJ	3.3	J-
L	SVOCs	SW8270D	N	Carbazole	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Chrysene	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Di-n-butylphthalate	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Di-n-octylphthalate	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Dibenz(a,h)anthracene	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Dibenzofuran	UG/L			10	U	10	UJ
L	SVOCs	SW8270D	N	Diethylphthalate	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Dimethylphthalate	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Fluoranthene	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Fluorene	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Hexachlorobenzene	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Hexachlorobutadiene	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Hexachlorocyclopentadiene	UG/L			5.0	UJ	5.0	UJ

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	MW-8B	MW-G501	MW-I704			
					Lab Sample Delivery Group	JD88916	480-220201-1	480-220201-1			
					Field Sample Date	5/21/2024	5/23/2024	5/22/2024			
					Field Sample ID	01003MW08B38X	01003MWG50111X	01003MWI70413X			
					Qc Code	FS	FS	FS			
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Hexachloroethane	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Indeno(1,2,3-cd)pyrene	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Isophorone	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	N-Nitrosodi-n-propylamine	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	N-Nitrosodiphenylamine	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Naphthalene	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Nitrobenzene	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Pentachlorophenol	UG/L			10	U	10	U
L	SVOCs	SW8270D	N	Phenanthrene	UG/L			5.0	U	5.0	UJ
L	SVOCs	SW8270D	N	Phenol	UG/L			5.0	U	5.0	U
L	SVOCs	SW8270D	N	Pyrene	UG/L			5.0	U	5.0	UJ

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	PES-5		PES-7		QC	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220127-1	
					Field Sample Date	5/22/2024		5/22/2024		5/16/2024	
					Field Sample ID	401003PES0512XX		401003PES0712XX		TRIP BLANK	
					Qc Code	FS		FS		TB	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	1,1,1-Trichloroethane	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	1,1,2,2-Tetrachloroethane	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	1,1,2-Trichloroethane	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	1,1-Dichloroethane	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	1,1-Dichloroethene	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	1,2,3-Trichlorobenzene	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	1,2,4-Trichlorobenzene	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	1,2,4-Trimethylbenzene	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	1,2-Dibromo-3-chloropropane	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	1,2-Dibromoethane	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	1,2-Dichlorobenzene	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	1,2-Dichloroethane	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	1,2-Dichloropropane	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	1,3,5-Trimethylbenzene	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	1,3-Dichlorobenzene	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	1,4-Dichlorobenzene	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	1,4-Dioxane	UG/L	40	U	80	U	40	U
L	VOCs	SW8260C	N	2-Butanone	UG/L	10	U	20	U	10	U
L	VOCs	SW8260C	N	2-Hexanone	UG/L	5.0	U	10	U	5.0	U
L	VOCs	SW8260C	N	4-iso-Propyltoluene	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	4-Methyl-2-pentanone	UG/L	5.0	U	10	U	5.0	U
L	VOCs	SW8260C	N	Acetic acid, methyl ester	UG/L	2.5	U	5.0	U	2.5	U
L	VOCs	SW8260C	N	Acetone	UG/L	10	U	20	U	10	U
L	VOCs	SW8260C	N	Benzene	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	Bromochloromethane	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	Bromodichloromethane	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	Bromoform	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	Bromomethane	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	Carbon disulfide	UG/L	1.0	U	2.0	U	1.0	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
CATEGORY A REVIEW  
MAY 2024 GROUNDWATER SAMPLING PROGRAM  
AL TECH SPECIALTY STEEL SITE  
COLONIE, NEW YORK

					Location	PES-5		PES-7		QC	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220127-1	
					Field Sample Date	5/22/2024		5/22/2024		5/16/2024	
					Field Sample ID	401003PES0512XX		401003PES0712XX		TRIP BLANK	
					Qc Code	FS		FS		TB	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	VOCs	SW8260C	N	Carbon tetrachloride	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	Chlorobenzene	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	Chloroethane	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	Chloroform	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	Chloromethane	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	cis-1,2-Dichloroethene	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	cis-1,3-Dichloropropene	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	Cyclohexane	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	Dibromochloromethane	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	Dichlorodifluoromethane	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	Ethylbenzene	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	Isopropylbenzene	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	Methyl cyclohexane	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	Methyl Tertbutyl Ether	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	Methylene chloride	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	n-Butylbenzene	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	Propylbenzene	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	sec-Butylbenzene	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	Styrene	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	tert-Butylbenzene	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	Tetrachloroethene	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	Toluene	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	trans-1,2-Dichloroethene	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	trans-1,3-Dichloropropene	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	Trichloroethene	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	Trichlorofluoromethane	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	Vinyl chloride	UG/L	1.0	U	2.0	U	1.0	U
L	VOCs	SW8260C	N	Xylenes, Total	UG/L	2.0	U	4.0	U	2.0	U
L	Ammonia	E350.1	N	Ammonium	MG/L	0.088					
L	Anions	E300.0	N	Sulfate	MG/L	31.5					

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	PES-5		PES-7		QC	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220127-1	
					Field Sample Date	5/22/2024		5/22/2024		5/16/2024	
					Field Sample ID	401003PES0512XX		401003PES0712XX		TRIP BLANK	
					Qc Code	FS		FS		TB	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	Anions	E300.0	N	Fluoride	MG/L	3.6					
L	Anions	E353.2	N	Nitrate as N	MG/L	0.031	J				
L	Hex Chrome	SW8467199	T	Chromium, Hexavalent	MG/L						
L	Metals	SW6010D	D	Arsenic	MG/L						
L	Metals	SW6010D	D	Barium	MG/L						
L	Metals	SW6010D	D	Chromium	MG/L						
L	Metals	SW6010D	D	Copper	MG/L						
L	Metals	SW6010D	D	Lead	MG/L						
L	Metals	SW6010D	D	Manganese	MG/L						
L	Metals	SW6010D	D	Molybdenum	MG/L						
L	Metals	SW6010D	D	Nickel	MG/L						
L	Metals	SW6010D	D	Selenium	MG/L						
L	Metals	SW6010D	T	Arsenic	MG/L	0.015	U	0.013	J		
L	Metals	SW6010D	T	Barium	MG/L	0.048		0.25			
L	Metals	SW6010D	T	Chromium	MG/L	0.0028	J	0.004	U		
L	Metals	SW6010D	T	Copper	MG/L	0.0038	J	0.01	U		
L	Metals	SW6010D	T	Lead	MG/L	0.01	U	0.01	U		
L	Metals	SW6010D	T	Manganese	MG/L	0.63		3.7			
L	Metals	SW6010D	T	Molybdenum	MG/L	0.035		0.0043	J		
L	Metals	SW6010D	T	Nickel	MG/L	0.0035	J	0.01	U		
L	Metals	SW6010D	T	Selenium	MG/L	0.025	U	0.025	U		
L	Metals	SW7470A	D	Mercury	MG/L						
L	Metals	SW7470A	T	Mercury	MG/L	0.0002	U	0.0002	U		
L	Organic Range	SW8015D	N	Diesel Range Organics	MG/L	0.33	J	0.74			
L	Organic Range	SW8015D	N	Petroleum Hydrocarbons C20-C34	MG/L	0.5	U	0.5	U		
L	PCBs	SW8082A	N	Aroclor-1016	UG/L	0.057	U	0.062	U		
L	PCBs	SW8082A	N	Aroclor-1221	UG/L	0.057	U	0.062	U		
L	PCBs	SW8082A	N	Aroclor-1232	UG/L	0.057	U	0.062	U		
L	PCBs	SW8082A	N	Aroclor-1242	UG/L	0.057	U	0.062	U		
L	PCBs	SW8082A	N	Aroclor-1248	UG/L	0.057	U	0.062	U		

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	PES-5		PES-7		QC	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220127-1	
					Field Sample Date	5/22/2024		5/22/2024		5/16/2024	
					Field Sample ID	401003PES0512XX		401003PES0712XX		TRIP BLANK	
					Qc Code	FS		FS		TB	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	PCBs	SW8082A	N	Aroclor-1254	UG/L	0.057	U	0.062	U		
L	PCBs	SW8082A	N	Aroclor-1260	UG/L	0.057	U	0.062	U		
L	PCBs	SW8082A	N	Aroclor-1262	UG/L	0.057	U	0.062	U		
L	PCBs	SW8082A	N	Aroclor-1268	UG/L	0.057	U	0.062	U		
L	PCBs	SW8082A	N	Total PCBs	UG/L	0.057	U	0.062	U		
L	SVOCs	SW8270D	N	1,2,4,5-Tetrachlorobenzene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	2,2'-Dichlorodiisopropylether	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	2,4,5-Trichlorophenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	2,4,6-Trichlorophenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	2,4-Dichlorophenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	2,4-Dimethylphenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	2,4-Dinitrophenol	UG/L	10	U	10	U		
L	SVOCs	SW8270D	N	2,4-Dinitrotoluene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	2,6-Dinitrotoluene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	2-Chloronaphthalene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	2-Chlorophenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	2-Methylnaphthalene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	2-Methylphenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	2-Nitroaniline	UG/L	10	UJ	10	UJ		
L	SVOCs	SW8270D	N	2-Nitrophenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	3,3'-Dichlorobenzidine	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	3-Nitroaniline	UG/L	10	UJ	10	UJ		
L	SVOCs	SW8270D	N	4,6-Dinitro-2-methylphenol	UG/L	10	U	10	U		
L	SVOCs	SW8270D	N	4-Bromophenyl phenyl ether	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	4-Chloro-3-methylphenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	4-Chloroaniline	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	4-Chlorophenyl phenyl ether	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	4-Methylphenol	UG/L	10	U	10	U		
L	SVOCs	SW8270D	N	4-Nitroaniline	UG/L	10	UJ	10	UJ		
L	SVOCs	SW8270D	N	4-Nitrophenol	UG/L	10	U	10	U		

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	PES-5		PES-7		QC	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220127-1	
					Field Sample Date	5/22/2024		5/22/2024		5/16/2024	
					Field Sample ID	401003PES0512XX		401003PES0712XX		TRIP BLANK	
					Qc Code	FS		FS		TB	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Acenaphthene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Acenaphthylene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Acetophenone	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Anthracene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Atrazine	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Benzaldehyde	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Benzo(a)anthracene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Benzo(a)pyrene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Benzo(b)fluoranthene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Benzo(ghi)perylene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Benzo(k)fluoranthene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Biphenyl	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Bis(2-Chloroethoxy)methane	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Bis(2-Chloroethyl)ether	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Bis(2-Ethylhexyl)phthalate	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Butylbenzylphthalate	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Caprolactam	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Carbazole	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Chrysene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Di-n-butylphthalate	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Di-n-octylphthalate	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Dibenz(a,h)anthracene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Dibenzofuran	UG/L	10	UJ	10	UJ		
L	SVOCs	SW8270D	N	Diethylphthalate	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Dimethylphthalate	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Fluoranthene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Fluorene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Hexachlorobenzene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Hexachlorobutadiene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Hexachlorocyclopentadiene	UG/L	5.0	UJ	5.0	UJ		

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

					Location	PES-5		PES-7		QC	
					Lab Sample Delivery Group	480-220201-1		480-220201-1		480-220127-1	
					Field Sample Date	5/22/2024		5/22/2024		5/16/2024	
					Field Sample ID	401003PES0512XX		401003PES0712XX		TRIP BLANK	
					Qc Code	FS		FS		TB	
Matrix	Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
L	SVOCs	SW8270D	N	Hexachloroethane	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Indeno(1,2,3-cd)pyrene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Isophorone	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	N-Nitrosodi-n-propylamine	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	N-Nitrosodiphenylamine	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Naphthalene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Nitrobenzene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Pentachlorophenol	UG/L	10	U	10	U		
L	SVOCs	SW8270D	N	Phenanthrene	UG/L	5.0	UJ	5.0	UJ		
L	SVOCs	SW8270D	N	Phenol	UG/L	5.0	U	5.0	U		
L	SVOCs	SW8270D	N	Pyrene	UG/L	5.0	UJ	5.0	UJ		

TABLE 3- SUMMARY OF QUALIFICATION ACTIONS  
CATEGORY A REVIEW  
MAY 2024 GROUNDWATER SAMPLING PROGRAM  
AL TECH SPECIALTY STEEL SITE  
COLONIE, NEW YORK

Lab SDG	Lab Sample ID	Field Sample ID	Method	Fraction	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Val Reason Code	Units
480-220127-1	480-220127-1	401003MW4309XX	SW8270D	N	Caprolactam	2.4	J	2.4	J-	LCSL	UG/L
480-220127-1	480-220127-1	401003MW4309XX	E353.2	N	Nitrate as N	0.05	U H	0.05	UJ	HT	MG/L
480-220127-1	480-220127-1	401003MW4309XX	SW8270D	N	Hexachlorocyclopentadiene	5	U	5	UJ	LCSL	UG/L
480-220127-1	480-220127-10	401003MW2610XX	SW6010D	T	Manganese	0.0029	J B	0.003	U	BL1	MG/L
480-220127-1	480-220127-2	401003MW1707XX	E353.2	N	Nitrate as N	0.05	U H	0.05	UJ	HT	MG/L
480-220127-1	480-220127-2	401003MW1707XX	SW8270D	N	Hexachlorocyclopentadiene	5	U	5	UJ	LCSL	UG/L
480-220127-1	480-220127-2	401003MW1707XX	SW8270D	N	Caprolactam	5	U	5	UJ	LCSL	UG/L
480-220127-1	480-220127-3	401003MW1507XX	E353.2	N	Nitrate as N	0.05	U H	0.05	UJ	HT	MG/L
480-220127-1	480-220127-3	401003MW1507XX	SW8270D	N	Caprolactam	2.3	J	2.3	J-	LCSL	UG/L
480-220127-1	480-220127-3	401003MW1507XX	SW8270D	N	Hexachlorocyclopentadiene	5	U	5	UJ	LCSL	UG/L
480-220127-1	480-220127-4	401003MW08B38XX	SW8270D	N	Caprolactam	5	U	5	UJ	LCSL	UG/L
480-220127-1	480-220127-4	401003MW08B38XX	E353.2	N	Nitrate as N	0.08	H	0.08	J	HT	MG/L
480-220127-1	480-220127-4	401003MW08B38XX	SW8270D	N	Hexachlorocyclopentadiene	5	U	5	UJ	LCSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Hexachlorocyclopentadiene	5	U*-	5	UJ	LCSL, SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Di-n-butylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Butylbenzylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Dimethylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Hexachlorobutadiene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	2-Methylnaphthalene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	3,3'-Dichlorobenzidine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	1,2,4,5-Tetrachlorobenzene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Acetophenone	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Bis(2-Chloroethoxy)methane	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Fluorene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	2,6-Dinitrotoluene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	2,4-Dinitrotoluene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Atrazine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Indeno(1,2,3-cd)pyrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Anthracene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Di-n-octylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Acenaphthylene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Benzo(a)pyrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	3-Nitroaniline	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Benzo(a)anthracene	5	U	5	UJ	SSL	UG/L

TABLE 3- SUMMARY OF QUALIFICATION ACTIONS  
CATEGORY A REVIEW  
MAY 2024 GROUNDWATER SAMPLING PROGRAM  
AL TECH SPECIALTY STEEL SITE  
COLONIE, NEW YORK

Lab SDG	Lab Sample ID	Field Sample ID	Method	Fraction	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Val Reason Code	Units
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Hexachloroethane	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	4-Nitroaniline	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Pyrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Caprolactam	5	U	5	UJ	LCSL, SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Diethylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Phenanthrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	N-Nitrosodiphenylamine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Carbazole	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	2-Nitroaniline	10	U	10	UJ	CCV, SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Naphthalene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	2-Chloronaphthalene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Biphenyl	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Nitrobenzene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Isophorone	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	4-Chlorophenyl phenyl ether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	N-Nitrosodi-n-propylamine	5	U	5	UJ	CCV, SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Dibenz(a,h)anthracene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	2,2'-Dichlorodiisopropylether	5	U	5	UJ	CCV, SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Bis(2-Chloroethyl)ether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Bis(2-Ethylhexyl)phthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Hexachlorobenzene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Benzaldehyde	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	4-Chloroaniline	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Benzo(ghi)perylene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Benzo(b)fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Benzo(k)fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Chrysene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Dibenzofuran	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	4-Bromophenyl phenyl ether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-14	401003MW06B59XX	SW8270D	N	Acenaphthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Acenaphthylene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Bis(2-Chloroethoxy)methane	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Indeno(1,2,3-cd)pyrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	4-Chloroaniline	5	U	5	UJ	SSL	UG/L

TABLE 3- SUMMARY OF QUALIFICATION ACTIONS  
CATEGORY A REVIEW  
MAY 2024 GROUNDWATER SAMPLING PROGRAM  
AL TECH SPECIALTY STEEL SITE  
COLONIE, NEW YORK

Lab SDG	Lab Sample ID	Field Sample ID	Method	Fraction	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Val Reason Code	Units
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Benzo(a)pyrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Benzo(ghi)perylene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Benzo(b)fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Benzo(k)fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Chrysene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Atrazine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Dibenz(a,h)anthracene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Dimethylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	2,2'-Dichlorodiisopropylether	5	U	5	UJ	CCV, SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Caprolactam	3.3	J	3.3	J-	LCSL, SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	4-Bromophenyl phenyl ether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Anthracene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	2,4-Dinitrotoluene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Dibenzofuran	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Pyrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Hexachlorobenzene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Bis(2-Ethylhexyl)phthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Bis(2-Chloroethyl)ether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Di-n-octylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	4-Nitroaniline	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	N-Nitrosodi-n-propylamine	5	U	5	UJ	CCV, SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	2,6-Dinitrotoluene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Hexachlorobutadiene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	2-Methylnaphthalene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	3,3'-Dichlorobenzidine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	1,2,4,5-Tetrachlorobenzene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Fluorene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Naphthalene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Biphenyl	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Nitrobenzene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Acetophenone	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	3-Nitroaniline	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	2-Chloronaphthalene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	2-Nitroaniline	10	U	10	UJ	CCV, SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Carbazole	5	U	5	UJ	SSL	UG/L

TABLE 3- SUMMARY OF QUALIFICATION ACTIONS  
CATEGORY A REVIEW  
MAY 2024 GROUNDWATER SAMPLING PROGRAM  
AL TECH SPECIALTY STEEL SITE  
COLONIE, NEW YORK

Lab SDG	Lab Sample ID	Field Sample ID	Method	Fraction	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Val Reason Code	Units
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	N-Nitrosodiphenylamine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Hexachloroethane	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Hexachlorocyclopentadiene	5	U*-	5	UJ	LCSL, SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Acenaphthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Di-n-butylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Butylbenzylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	4-Chlorophenyl phenyl ether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Isophorone	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Diethylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Phenanthrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Benzo(a)anthracene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-15	401003MWI70413XX	SW8270D	N	Benzaldehyde	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Bis(2-Chloroethyl)ether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	2,2'-Dichlorodiisopropylether	5	U	5	UJ	CCV, SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Pyrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Benzaldehyde	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Di-n-butylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Butylbenzylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Fluorene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Hexachlorobutadiene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Caprolactam	5	U	5	UJ	LCSL, SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	2-Methylnaphthalene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	1,2,4,5-Tetrachlorobenzene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Acetophenone	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	3-Nitroaniline	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	4-Nitroaniline	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	3,3'-Dichlorobenzidine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Bis(2-Ethylhexyl)phthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	N-Nitrosodiphenylamine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Dibenzofuran	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Nitrobenzene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Biphenyl	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	2-Chloronaphthalene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Naphthalene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	2-Nitroaniline	10	U	10	UJ	CCV, SSL	UG/L

TABLE 3- SUMMARY OF QUALIFICATION ACTIONS  
CATEGORY A REVIEW  
MAY 2024 GROUNDWATER SAMPLING PROGRAM  
AL TECH SPECIALTY STEEL SITE  
COLONIE, NEW YORK

Lab SDG	Lab Sample ID	Field Sample ID	Method	Fraction	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Val Reason Code	Units
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Carbazole	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Acenaphthene	0.72	J	0.72	J-	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Phenanthrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Diethylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Isophorone	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	4-Chlorophenyl phenyl ether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	N-Nitrosodi-n-propylamine	5	U	5	UJ	CCV, SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Dibenz(a,h)anthracene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Chrysene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Benzo(k)fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Benzo(b)fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Benzo(ghi)perylene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Hexachlorobenzene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Hexachlorocyclopentadiene	5	U*-	5	UJ	LCSL, SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Hexachloroethane	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	2,6-Dinitrotoluene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	4-Chloroaniline	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Bis(2-Chloroethoxy)methane	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Di-n-octylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8015D	N	Petroleum Hydrocarbons C20-C34	0.36	JB	0.5	U	BL1	MG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Anthracene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	4-Bromophenyl phenyl ether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	2,4-Dinitrotoluene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Atrazine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Indeno(1,2,3-cd)pyrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Acenaphthylene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Benzo(a)pyrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Benzo(a)anthracene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-16	401003MW0612XX	SW8270D	N	Dimethylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Benzo(a)anthracene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Benzo(a)pyrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Atrazine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Indeno(1,2,3-cd)pyrene	5	U	5	UJ	SSL	UG/L

TABLE 3- SUMMARY OF QUALIFICATION ACTIONS  
CATEGORY A REVIEW  
MAY 2024 GROUNDWATER SAMPLING PROGRAM  
AL TECH SPECIALTY STEEL SITE  
COLONIE, NEW YORK

Lab SDG	Lab Sample ID	Field Sample ID	Method	Fraction	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Val Reason Code	Units
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Acenaphthylene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	2,6-Dinitrotoluene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Butylbenzylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Hexachlorocyclopentadiene	5	U*-	5	UJ	LCSL, SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Acenaphthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Di-n-butylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Dimethylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Fluorene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Hexachlorobutadiene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Hexachloroethane	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	2,4-Dinitrotoluene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Dibenzofuran	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Di-n-octylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8015D	N	Petroleum Hydrocarbons C20-C34	0.35	JB	0.5	U	BL1	MG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	4-Nitroaniline	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Benzaldehyde	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Caprolactam	5	U	5	UJ	LCSL, SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	2,2'-Dichlorodiisopropylether	5	U	5	UJ	CCV, SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Bis(2-Chloroethyl)ether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Anthracene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Bis(2-Ethylhexyl)phthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Pyrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	2-Methylnaphthalene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Benzo(ghi)perylene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	4-Bromophenyl phenyl ether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	4-Chloroaniline	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Bis(2-Chloroethoxy)methane	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Hexachlorobenzene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	3,3'-Dichlorobenzidine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	1,2,4,5-Tetrachlorobenzene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	N-Nitrosodiphenylamine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Isophorone	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Diethylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Phenanthrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Carbazole	5	U	5	UJ	SSL	UG/L

TABLE 3- SUMMARY OF QUALIFICATION ACTIONS  
CATEGORY A REVIEW  
MAY 2024 GROUNDWATER SAMPLING PROGRAM  
AL TECH SPECIALTY STEEL SITE  
COLONIE, NEW YORK

Lab SDG	Lab Sample ID	Field Sample ID	Method	Fraction	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Val Reason Code	Units
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	2-Nitroaniline	10	U	10	UJ	CCV, SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Naphthalene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	2-Chloronaphthalene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Biphenyl	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Nitrobenzene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	N-Nitrosodi-n-propylamine	5	U	5	UJ	CCV, SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Dibenz(a,h)anthracene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	4-Chlorophenyl phenyl ether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Benzo(k)fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Benzo(b)fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	3-Nitroaniline	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Chrysene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-17	401003MW19B38XX	SW8270D	N	Acetophenone	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-18	401003MW1918XX	SW8270D	N	Caprolactam	3.5	J	3.5	J-	LCSL	UG/L
480-220201-1	480-220201-18	401003MW1918XX	SW8270D	N	Hexachlorocyclopentadiene	5	U*-	5	UJ	LCSL	UG/L
480-220201-1	480-220201-21	401003MWG50111XX	SW8270D	N	Caprolactam	5	U	5	UJ	LCSL	UG/L
480-220201-1	480-220201-21	401003MWG50111XX	SW8270D	N	Hexachlorocyclopentadiene	5	U*-	5	UJ	LCSL	UG/L
480-220201-1	480-220201-22	401003MW05B54XX	SW8270D	N	Hexachlorocyclopentadiene	5	U*-	5	UJ	LCSL	UG/L
480-220201-1	480-220201-22	401003MW05B54XX	SW8270D	N	Caprolactam	5	U	5	UJ	LCSL	UG/L
480-220201-1	480-220201-23	401003MW0513XX	SW8270D	N	Caprolactam	5	U	5	UJ	LCSL	UG/L
480-220201-1	480-220201-23	401003MW0513XX	SW8015D	N	Petroleum Hydrocarbons C20-C34	0.4	JB	0.5	U	BL1	MG/L
480-220201-1	480-220201-23	401003MW0513XX	SW8270D	N	Hexachlorocyclopentadiene	5	U*-	5	UJ	LCSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	2-Chlorophenol	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Nitrobenzene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	2,4,5-Trichlorophenol	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	3,3'-Dichlorobenzidine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Naphthalene	0.89	J	0.89	J-	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	3-Nitroaniline	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Acetophenone	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	1,2,4,5-Tetrachlorobenzene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	2-Methylphenol	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	2-Methylnaphthalene	27		27	J-	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	2-Nitroaniline	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	2-Chloronaphthalene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Carbazole	1.2	J	1.2	J-	SSL	UG/L

TABLE 3- SUMMARY OF QUALIFICATION ACTIONS  
CATEGORY A REVIEW  
MAY 2024 GROUNDWATER SAMPLING PROGRAM  
AL TECH SPECIALTY STEEL SITE  
COLONIE, NEW YORK

Lab SDG	Lab Sample ID	Field Sample ID	Method	Fraction	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Val Reason Code	Units
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Acenaphthylene	0.87	J	0.87	J-	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Benzo(a)pyrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	4,6-Dinitro-2-methylphenol	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Benzo(a)anthracene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	2,6-Dinitrotoluene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Hexachlorocyclopentadiene	5	U*-	5	UJ	LCSL, SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Acenaphthene	6.1		6.1	J-	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Di-n-butylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Butylbenzylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Hexachloroethane	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Fluorene	5.1		5.1	J-	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Indeno(1,2,3-cd)pyrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Dimethylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	4-Nitrophenol	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	4-Bromophenyl phenyl ether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	2,4-Dimethylphenol	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	4-Chloroaniline	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Atrazine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Phenol	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Di-n-octylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Anthracene	0.64	J	0.64	J-	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	2,4-Dinitrotoluene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Biphenyl	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Bis(2-Chloroethoxy)methane	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Pentachlorophenol	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Hexachlorobutadiene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	2-Nitrophenol	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Chrysene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	2,4-Dinitrophenol	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Dibenz(a,h)anthracene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	4-Chloro-3-methylphenol	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Benzo(k)fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	N-Nitrosodi-n-propylamine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Isophorone	5	U	5	UJ	SSL	UG/L

TABLE 3- SUMMARY OF QUALIFICATION ACTIONS  
CATEGORY A REVIEW  
MAY 2024 GROUNDWATER SAMPLING PROGRAM  
AL TECH SPECIALTY STEEL SITE  
COLONIE, NEW YORK

Lab SDG	Lab Sample ID	Field Sample ID	Method	Fraction	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Val Reason Code	Units
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Diethylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Phenanthrene	6.7		6.7	J-	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	N-Nitrosodiphenylamine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	4-Chlorophenyl phenyl ether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	2,4,6-Trichlorophenol	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Benzo(b)fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Dibenzofuran	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	4-Nitroaniline	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Benzaldehyde	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Caprolactam	5	U	5	UJ	LCSL, SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	4-Methylphenol	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Benzo(ghi)perylene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	2,2'-Dichlorodiisopropylether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Bis(2-Ethylhexyl)phthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Hexachlorobenzene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	2,4-Dichlorophenol	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Pyrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-24	401003MW2214XX	SW8270D	N	Bis(2-Chloroethyl)ether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Dibenz(a,h)anthracene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Acetophenone	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Acenaphthylene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Benzo(k)fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Indeno(1,2,3-cd)pyrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Atrazine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Dimethylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	2,4-Dinitrotoluene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Anthracene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Di-n-octylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Benzo(a)pyrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Bis(2-Chloroethoxy)methane	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Biphenyl	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	2-Chloronaphthalene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Naphthalene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	2-Nitroaniline	10	U	10	UJ	CCV, SSL	UG/L

TABLE 3- SUMMARY OF QUALIFICATION ACTIONS  
CATEGORY A REVIEW  
MAY 2024 GROUNDWATER SAMPLING PROGRAM  
AL TECH SPECIALTY STEEL SITE  
COLONIE, NEW YORK

Lab SDG	Lab Sample ID	Field Sample ID	Method	Fraction	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Val Reason Code	Units
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Carbazole	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	N-Nitrosodiphenylamine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Phenanthrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Diethylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Nitrobenzene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Benzo(a)anthracene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	2,6-Dinitrotoluene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Hexachloroethane	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Pyrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Hexachlorobenzene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Bis(2-Ethylhexyl)phthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Bis(2-Chloroethyl)ether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	2,2'-Dichlorodiisopropylether	5	U	5	UJ	CCV, SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Caprolactam	5	U	5	UJ	LCSL, SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Benzaldehyde	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	4-Nitroaniline	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	3-Nitroaniline	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	1,2,4,5-Tetrachlorobenzene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	3,3'-Dichlorobenzidine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Hexachlorocyclopentadiene	5	U*	5	UJ	LCSL, SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Acenaphthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Di-n-butylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Dibenzofuran	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Butylbenzylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Hexachlorobutadiene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	2-Methylnaphthalene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Benzo(b)fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Fluorene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	4-Chloroaniline	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Benzo(ghi)perylene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Isophorone	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	N-Nitrosodi-n-propylamine	5	U	5	UJ	CCV, SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	Chrysene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	4-Chlorophenyl phenyl ether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-3	401003MW1813XX	SW8270D	N	4-Bromophenyl phenyl ether	5	U	5	UJ	SSL	UG/L

TABLE 3- SUMMARY OF QUALIFICATION ACTIONS  
CATEGORY A REVIEW  
MAY 2024 GROUNDWATER SAMPLING PROGRAM  
AL TECH SPECIALTY STEEL SITE  
COLONIE, NEW YORK

Lab SDG	Lab Sample ID	Field Sample ID	Method	Fraction	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Val Reason Code	Units
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	4-Chloroaniline	5	U	5	UJ	CCV, SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Diethylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Isophorone	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	4-Chlorophenyl phenyl ether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	N-Nitrosodi-n-propylamine	5	U	5	UJ	CCV, SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Dibenz(a,h)anthracene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Chrysene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Benzo(k)fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Benzo(b)fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Benzo(ghi)perylene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Phenanthrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Bis(2-Chloroethoxy)methane	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	N-Nitrosodiphenylamine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	2,4-Dinitrotoluene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Di-n-octylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	4-Bromophenyl phenyl ether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Nitrobenzene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Anthracene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Biphenyl	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Dimethylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	2-Chloronaphthalene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Naphthalene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Dibenzofuran	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Carbazole	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	2-Nitroaniline	10	U	10	UJ	CCV, SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Hexachlorobenzene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Bis(2-Ethylhexyl)phthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Acenaphthylene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Benzo(a)pyrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Benzo(a)anthracene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	2,6-Dinitrotoluene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Hexachloroethane	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Di-n-butylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Butylbenzylphthalate	5	U	5	UJ	SSL	UG/L

TABLE 3- SUMMARY OF QUALIFICATION ACTIONS  
CATEGORY A REVIEW  
MAY 2024 GROUNDWATER SAMPLING PROGRAM  
AL TECH SPECIALTY STEEL SITE  
COLONIE, NEW YORK

Lab SDG	Lab Sample ID	Field Sample ID	Method	Fraction	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Val Reason Code	Units
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Fluorene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Hexachlorobutadiene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Acenaphthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Indeno(1,2,3-cd)pyrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Atrazine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	E353.2	N	Nitrate as N	0.031	JH H3	0.031	J	HT	MG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Bis(2-Chloroethyl)ether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	2,2'-Dichlorodiisopropylether	5	U	5	UJ	CCV, SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	3-Nitroaniline	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Acetophenone	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	1,2,4,5-Tetrachlorobenzene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	3,3'-Dichlorobenzidine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	2-Methylnaphthalene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Caprolactam	5	U	5	UJ	LCSL, SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Benzaldehyde	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	4-Nitroaniline	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8015D	N	Petroleum Hydrocarbons C20-C34	0.41	JB	0.5	U	BL1	MG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Pyrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-4	401003PES0512XX	SW8270D	N	Hexachlorocyclopentadiene	5	U*-	5	UJ	LCSL, SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	N-Nitrosodi-n-propylamine	5	U	5	UJ	CCV, SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	4-Chlorophenyl phenyl ether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Hexachlorobenzene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Bis(2-Ethylhexyl)phthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Bis(2-Chloroethyl)ether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Pyrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	2,2'-Dichlorodiisopropylether	5	U	5	UJ	CCV, SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Benzaldehyde	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	4-Nitroaniline	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8015D	N	Petroleum Hydrocarbons C20-C34	0.4	JB	0.5	U	BL1	MG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Caprolactam	5	U	5	UJ	LCSL, SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Dibenzofuran	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Benzo(ghi)perylene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	2-Nitroaniline	10	U	10	UJ	CCV, SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Dibenz(a,h)anthracene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Chrysene	5	U	5	UJ	SSL	UG/L

TABLE 3- SUMMARY OF QUALIFICATION ACTIONS  
CATEGORY A REVIEW  
MAY 2024 GROUNDWATER SAMPLING PROGRAM  
AL TECH SPECIALTY STEEL SITE  
COLONIE, NEW YORK

Lab SDG	Lab Sample ID	Field Sample ID	Method	Fraction	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Val Reason Code	Units
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Benzo(k)fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Isophorone	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Diethylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Phenanthrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	N-Nitrosodiphenylamine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Carbazole	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Benzo(b)fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	3-Nitroaniline	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	2-Chloronaphthalene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Acetophenone	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	3,3'-Dichlorobenzidine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Indeno(1,2,3-cd)pyrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Atrazine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Acenaphthylene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Dimethylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Anthracene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Di-n-octylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Bis(2-Chloroethoxy)methane	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	2,4-Dinitrotoluene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Naphthalene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Benzo(a)pyrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Benzo(a)anthracene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	2-Methylnaphthalene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Hexachlorobutadiene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Fluorene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Butylbenzylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Di-n-butylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Acenaphthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Hexachlorocyclopentadiene	5	U*-	5	UJ	LCSL, SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Hexachloroethane	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	2,6-Dinitrotoluene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	1,2,4,5-Tetrachlorobenzene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	4-Chloroaniline	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Nitrobenzene	5	U	5	UJ	SSL	UG/L

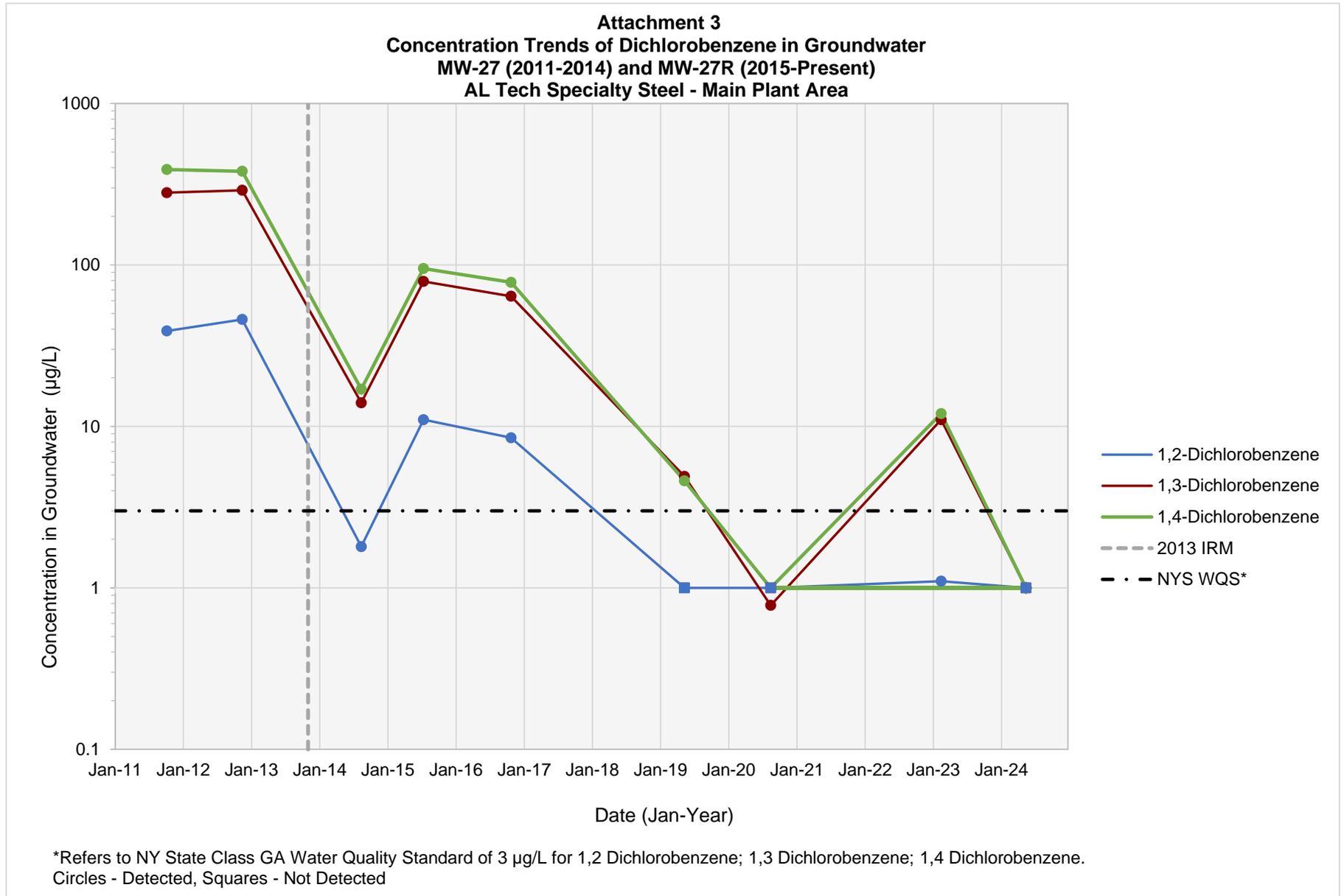
TABLE 3- SUMMARY OF QUALIFICATION ACTIONS  
 CATEGORY A REVIEW  
 MAY 2024 GROUNDWATER SAMPLING PROGRAM  
 AL TECH SPECIALTY STEEL SITE  
 COLONIE, NEW YORK

Lab SDG	Lab Sample ID	Field Sample ID	Method	Fraction	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Val Reason Code	Units
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	Biphenyl	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-5	401003PES0712XX	SW8270D	N	4-Bromophenyl phenyl ether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	3-Nitroaniline	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Chrysene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Dibenz(a,h)anthracene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	N-Nitrosodi-n-propylamine	5	U	5	UJ	CCV, SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	4-Chlorophenyl phenyl ether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Diethylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Benzo(k)fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	N-Nitrosodiphenylamine	7.9		7.9	J-	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Carbazole	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	2-Nitroaniline	10	U	10	UJ	CCV, SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Isophorone	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Benzo(b)fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Benzo(ghi)perylene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Dibenzofuran	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	E353.2	N	Nitrate as N	0.049	JH H3	0.049	J	HT	MG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8015D	N	Petroleum Hydrocarbons C20-C34	0.32	JB	0.5	U	BL1	MG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	4-Nitroaniline	10	U	10	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Benzaldehyde	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Naphthalene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Caprolactam	5	U	5	UJ	LCSL, SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Bis(2-Chloroethyl)ether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Bis(2-Ethylhexyl)phthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Hexachlorobenzene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Pyrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	2,2'-Dichlorodiisopropylether	5	U	5	UJ	CCV, SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	2-Chloronaphthalene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Phenanthrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Nitrobenzene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Hexachloroethane	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Hexachlorocyclopentadiene	5	U*-	5	UJ	LCSL, SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Acenaphthene	6.3		6.3	J-	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Di-n-butylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Biphenyl	5	U	5	UJ	SSL	UG/L

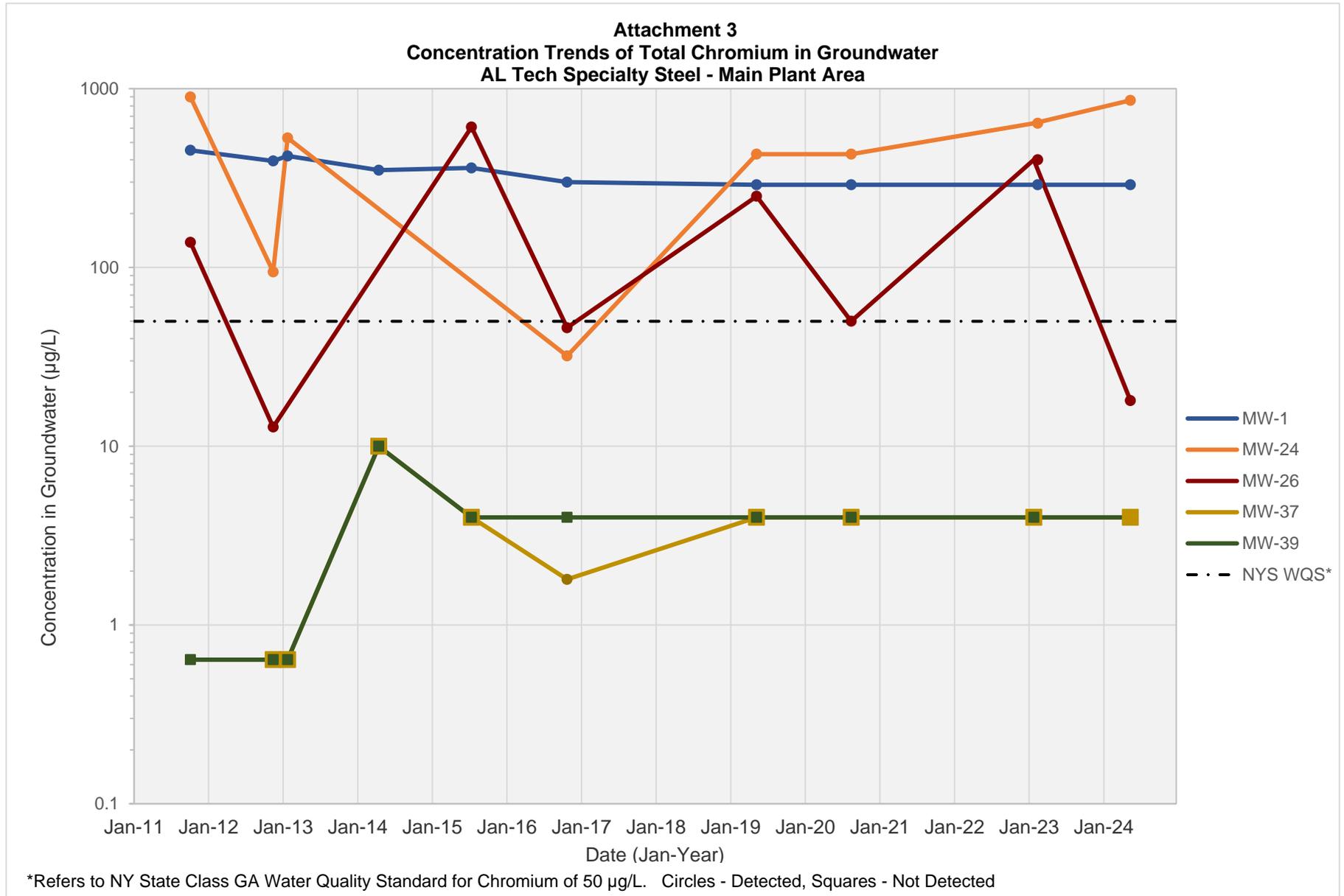
TABLE 3- SUMMARY OF QUALIFICATION ACTIONS  
CATEGORY A REVIEW  
MAY 2024 GROUNDWATER SAMPLING PROGRAM  
AL TECH SPECIALTY STEEL SITE  
COLONIE, NEW YORK

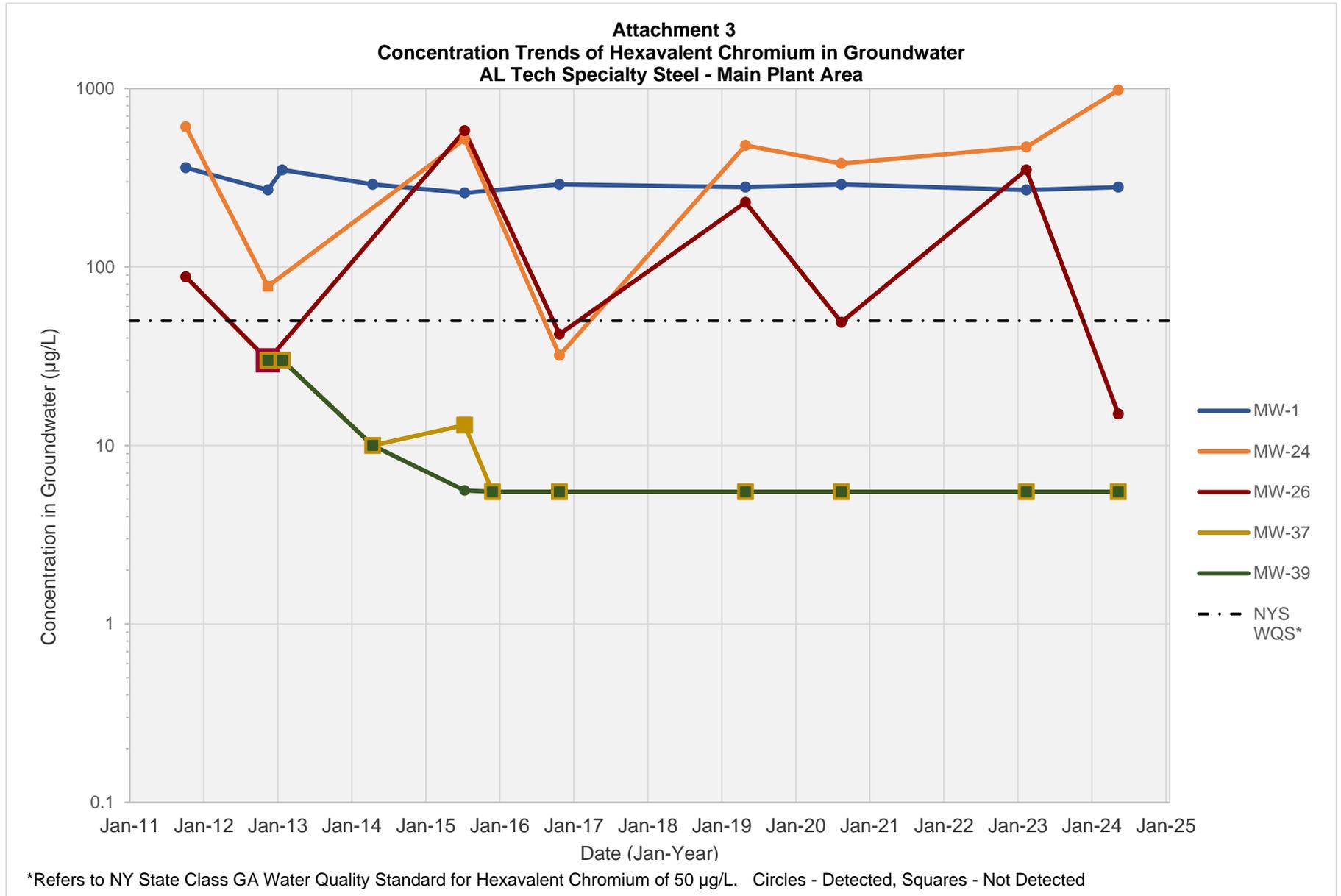
Lab SDG	Lab Sample ID	Field Sample ID	Method	Fraction	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Val Reason Code	Units
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Fluorene	7.9		7.9	J-	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Hexachlorobutadiene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	2-Methylnaphthalene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	3,3'-Dichlorobenzidine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	1,2,4,5-Tetrachlorobenzene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Acetophenone	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	2,6-Dinitrotoluene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Benzo(a)anthracene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Butylbenzylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Acenaphthylene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Benzo(a)pyrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	4-Bromophenyl phenyl ether	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	4-Chloroaniline	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Bis(2-Chloroethoxy)methane	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Anthracene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Di-n-octylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Dimethylphthalate	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Atrazine	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Indeno(1,2,3-cd)pyrene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	Fluoranthene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-6	401003MW0413XX	SW8270D	N	2,4-Dinitrotoluene	5	U	5	UJ	SSL	UG/L
480-220201-1	480-220201-7	401003MW04B46XX	SW8270D	N	2-Nitroaniline	10	U	10	UJ	CCV	UG/L
480-220201-1	480-220201-7	401003MW04B46XX	E353.2	N	Nitrate as N	0.05	UH	0.05	UJ	HT	MG/L
480-220201-1	480-220201-7	401003MW04B46XX	SW8270D	N	N-Nitrosodi-n-propylamine	5	U	5	UJ	CCV	UG/L
480-220201-1	480-220201-7	401003MW04B46XX	SW8270D	N	Hexachlorocyclopentadiene	5	U*-	5	UJ	LCSL	UG/L
480-220201-1	480-220201-7	401003MW04B46XX	SW8270D	N	2,2'-Dichlorodiisopropylether	5	U	5	UJ	CCV	UG/L
480-220201-1	480-220201-7	401003MW04B46XX	SW8270D	N	Caprolactam	5	U	5	UJ	LCSL	UG/L
JD88916	JD88916-1	401003MW4309XX	SW8467199	T	Chromium, Hexavalent	0.0055	U	0.0055	UJ	HT	MG/L
JD88916	JD88916-2	401003MW1707XX	SW8467199	T	Chromium, Hexavalent	0.0055	U	0.0055	UJ	HT	MG/L
JD88916	JD88916-3	401003MW1507XX	SW8467199	T	Chromium, Hexavalent	0.0055	U	0.0055	UJ	HT	MG/L
JD88916	JD88916-4	401003MW08B38XX	SW8467199	T	Chromium, Hexavalent	0.0055	U	0.0055	UJ	HT	MG/L
JD89099	JD89099-1	401003MW1412XX	SW8467199	T	Chromium, Hexavalent	0.0055	U	0.0055	UJ	HT	MG/L
JD89099	JD89099-2	401003MW3209XX	SW8467199	T	Chromium, Hexavalent	0.0055	U	0.0055	UJ	HT	MG/L
JD89099	JD89099-3	401003MW1B32XX	SW8467199	T	Chromium, Hexavalent	0.0055	U	0.0055	UJ	HT	MG/L
JD89099	JD89099-4	401003MW0120XX	SW8467199	T	Chromium, Hexavalent	0.28		0.28	J	HT	MG/L

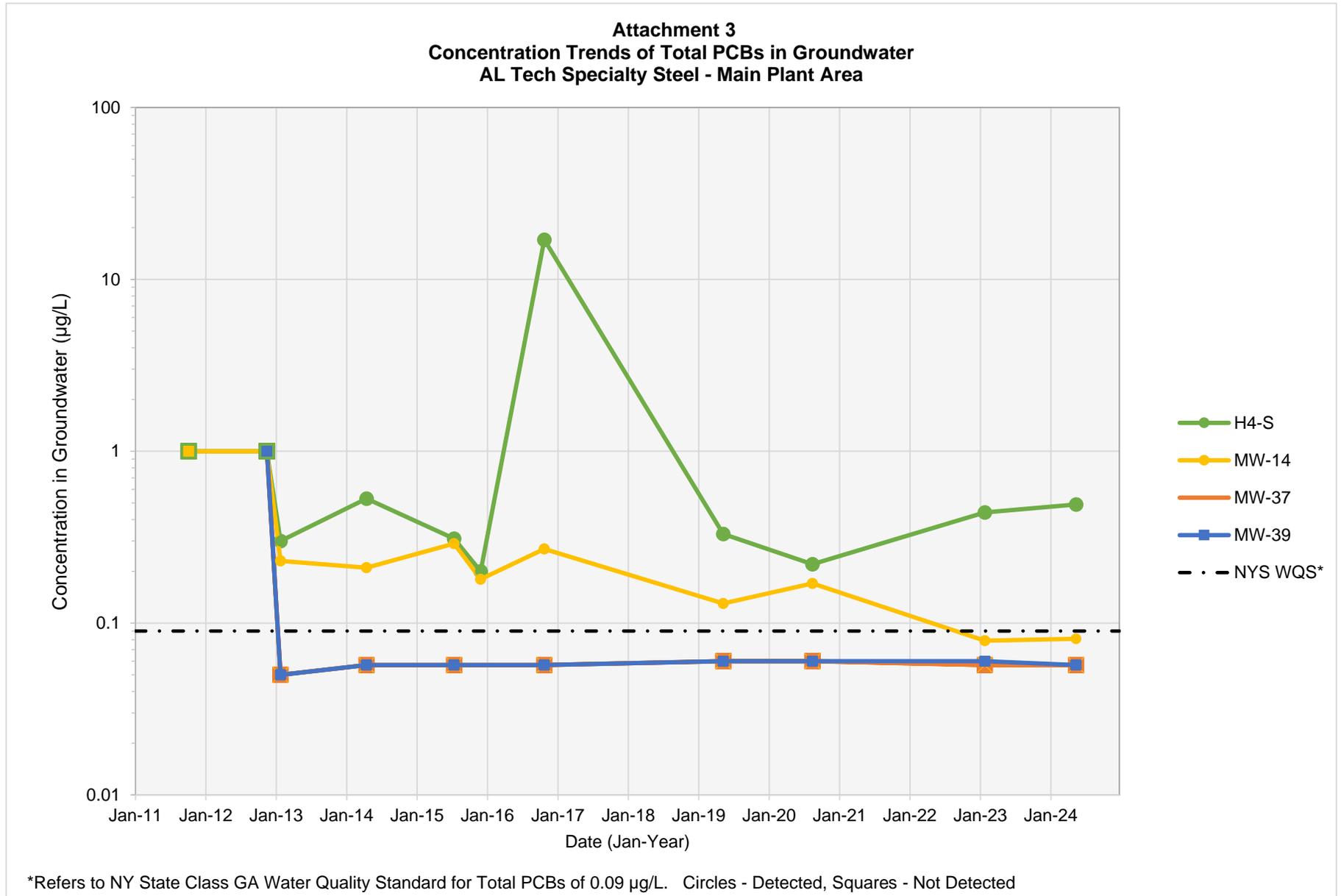
**ATTACHMENT 3  
MAIN PLANT AREA TIME SERIES PLOTS**



Created by: DCL 11/14/20  
 Revised by: JKR 11/21/24  
 Checked by:







**ATTACHMENT 4  
MAIN PLANT AREA LNAPL GAUGING FIELD DATA RECORDS**

# Well Gauging Data Sheet

**Project:** Former Al Tech Steel

**Date:** 12-19-24

**Location:** Lincoln Ave. & First St., Colonie, NY

**Project No.:**

**Personnel:** Mike

**Field Conditions:** cold 30°

Well ID	DTP	DTW	DTB	Purge Amount	Remarks (color, odor, well conditions, roadbox conditions, etc.)
MW-4		13.35'			no odor
MW-22		10.45'			Flush mount <sup>no visual LNAPL</sup> <del>changel sock</del> <sup>Stray odor seen.</sup>
OW-1		12.61			Slight odor
OW-2		12.70'			no odor
OW-3		10.90'			no odor
OW-4		11.15'			no odor
OW-11		?			
OW-13		13.15'			no odor
OW-14		13.05			
OW-15		12.85			↓
OW-17		13.60'			
OW-18		?			Flush mount
OW-20		7.00'			no odor
OW-22A		8.02			Flush mount <sup>2 LNAPL</sup> <del>changel sock</del> <sup>no visual LNAPL</sup>
OW-23		8.49'			Flush mount
RW-3		—			
RW-8		—			
RW-9		—			
RW-10		—			
D-2		13.35			no odor
APW-12		6.15'			no odor

Time Onsite 12:00

Time Offsite 4:30

# of Bailers Used (3) 2" / (3) - 2" Absorbent well socks

## Monthly Inspection of Leachate Collection Building (Access Code: 1003)

Liquid level in Tank 1: \_\_\_\_\_

Liquid level in Tank 2: \_\_\_\_\_

Report any leaks or other issues observed:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



**ATTACHMENT 5  
2024 LANDFILL INSPECTION FIELD DATA RECORDS**

## Waste Management Area (WMA) Landfill Inspection Photograph Log

**Client:** NYSDEC

**Project Number:** 3616206100

**Site Name:** AL Tech Specialty Steel

**Site Location:** Colonie, New York

**Photographer:**

Jerry Rawcliffe

**Date:**

April 30, 2024

**Photograph:** 1

**Direction:**

West

**Description:**

Gabion mats at head of unnamed tributary west of WW-17.



**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 2

**Direction:**

West

**Description:**

Growth in drainage swale east of cap and lower access road north of Leachate Building and unnamed tributary to Kromma Kill.



## Waste Management Area (WMA) Landfill Inspection Photograph Log

**Client:** NYSDEC

**Project Number:** 3616206100

**Site Name:** AL Tech Specialty Steel

**Site Location:** Colonie, New York

**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 3

**Direction:**

South

**Description:**

Minor ruts in wet soils at northern Cap access gate. Lock at this gate will not open with site access code.



**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 4

**Direction:**

Northwest

**Description:**

Minor wear and erosion in soil at top of lower access road near the northeast gate to the landfill cap of the WMA.



## Waste Management Area (WMA) Landfill Inspection Photograph Log

**Client:** NYSDEC

**Project Number:** 3616206100

**Site Name:** AL Tech Specialty Steel

**Site Location:** Colonie, New York

**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 5

**Direction:**

South

**Description:**

Minor wear and erosion in soil at top of lower access road near the northeast gate to the landfill cap of the WMA.



**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 6

**Direction:**

West

**Description:**

Fence at north side of landfill, west of gate. Some slight leaning observed in some areas.



## Waste Management Area (WMA) Landfill Inspection Photograph Log

**Client:** NYSDEC

**Project Number:** 3616206100

**Site Name:** AL Tech Specialty Steel

**Site Location:** Colonie, New York

**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 7

**Direction:**

East

**Description:**

Fence at north side of landfill, west of gate, slightly leaning in some areas.



**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 8

**Direction:**

Northwest

**Description:**

View of fence line and discharge from north basin.



## Waste Management Area (WMA) Landfill Inspection Photograph Log

**Client:** NYSDEC

**Project Number:** 3616206100

**Site Name:** AL Tech Specialty Steel

**Site Location:** Colonie, New York

**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 9

**Direction:**

Northwest

**Description:**

Repaired hole in cap from treasure hunter. Area overgrown with grass.



**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 10

**Direction:**

East

**Description:**

Exposed mesh and woody growth around north drainage basin discharge pipe.



## Waste Management Area (WMA) Landfill Inspection Photograph Log

**Client:** NYSDEC

**Project Number:** 3616206100

**Site Name:** AL Tech Specialty Steel

**Site Location:** Colonie, New York

**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 11

**Direction:**

North

**Description:**

Hole in bank near the WW-26I/WW-26B well cluster. No apparent change from previous inspection.



**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 12

**Direction:**

North

**Description:**

Relatively newly laid gravel/rip rap south of WW-26I and WW-26B.



## Waste Management Area (WMA) Landfill Inspection Photograph Log

**Client:** NYSDEC

**Project Number:** 3616206100

**Site Name:** AL Tech Specialty Steel

**Site Location:** Colonie, New York

**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 13

**Direction:**

Southwest

**Description:**

View of inlet to northern drainage basin.



**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 14

**Direction:**

West

**Description:**

Damaged fence from tree clearing at west side of landfill. Essentially no change from previous inspection.



## Waste Management Area (WMA) Landfill Inspection Photograph Log

**Client:** NYSDEC

**Project Number:** 3616206100

**Site Name:** AL Tech Specialty Steel

**Site Location:** Colonie, New York

**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 15

**Direction:**

North

**Description:**

Southeastern gas vent with minor unchanged tears in black geotextile.



**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 16

**Direction:**

Southeast

**Description:**

View of fence line along the southwest portion of the property and northern access road. Drums from Bearoff investigation on concrete pad.



## Waste Management Area (WMA) Landfill Inspection Photograph Log

**Client:** NYSDEC

**Project Number:** 3616206100

**Site Name:** AL Tech Specialty Steel

**Site Location:** Colonie, New York

**Photographer:**

Jerry Rawcliffe

**Date:**

April 30, 2024

**Photograph:** 17

**Direction:**

East

**Description:**

Cut down woody growth in riprap at eastern area of landfill by MH-16. Area below MH-16 very wet likely due to seepage from manhole seams.



**Photographer:**

Jerry Rawcliffe

**Date:**

April 30, 2024

**Photograph:** 18

**Direction:**

West

**Description:**

Wet area near WW-16/16B below MH-16 and some remnant woody growth.



## Waste Management Area (WMA) Landfill Inspection Photograph Log

**Client:** NYSDEC

**Project Number:** 3616206100

**Site Name:** AL Tech Specialty Steel

**Site Location:** Colonie, New York

**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 19

**Direction:**

Southeast

**Description:**

Minor woody growth and phragmites/reeds enveloping southeastern fence line.



**Photographer:**

Jerry Rawcliffe

**Date:**

April 30, 2024

**Photograph:** 20

**Direction:**

South

**Description:**

Some woody growth and phragmites along southern cap fence line west of MH-16.



## Waste Management Area (WMA) Landfill Inspection Photograph Log

**Client:** NYSDEC

**Project Number:** 3616206100

**Site Name:** AL Tech Specialty Steel

**Site Location:** Colonie, New York

**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 21

**Direction:**

South

**Description:**

Minor rodent holes/burrows along north side of landfill near row of rip rap.



**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 22

**Direction:**

West

**Description:**

Western gate to landfill cap with wet muddy ruts along access road leading to gate (not on cap).



## Waste Management Area (WMA) Landfill Inspection Photograph Log

**Client:** NYSDEC

**Project Number:** 3616206100

**Site Name:** AL Tech Specialty Steel

**Site Location:** Colonie, New York

**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 23

**Direction:**

Northeast

**Description:**

Phragmites and minor woody growth along eastern fence line west of WW-25B.



**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 24

**Direction:**

East

**Description:**

Growth along fence near Spring Street Road.



## Waste Management Area (WMA) Landfill Inspection Photograph Log

**Client:** NYSDEC

**Project Number:** 3616206100

**Site Name:** AL Tech Specialty Steel

**Site Location:** Colonie, New York

**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 25

**Direction:**

West

**Description:**

Current condition of site entrance gate off Spring Street Road. Slightly damaged but functional.



**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 26

**Direction:**

South

**Description:**

Growth along fence line southwest of Leachate Building.



**Inspection Form - Landfills**  
**New York Department of Environmental Conservation**  
**Inactive Hazardous Waste Site**

Site Name:		NYSDEC Site Number:	NYSDEC PM:
Site Location:		Site Classification # :	Primary Site Contact:
Site Inspection Date:		Purpose of Inspection:	
Name of Inspector:		Title:	Agency/Company:
Phone Number:			

**Landfill Cover System**

Cover System Onsite?	Yes	No	(Proceed to next Section)	Cover System Observations:
Vegetative Cover Condition	Good	Poor	NA	
Evidence of Vegetative Stress	Yes	No	NA	
Mowing Required	Yes	No	NA	
Presence of Debris	Yes	No	NA	
Evidence of Ponded Water	Yes	No	NA	
Exposed Geotextile	Yes	No	NA	
Evidence of Erosion Settlement	Yes	No	NA	
Engineered Drainage Swale Condition	Good	Poor	NA	
Evidence of Leachate Seepage	Yes	No	NA	
Evidence of Erosion	Yes	No	NA	
Presence of Woody Growth	Yes	No	NA	
Animal Burrows	Yes	No	NA	

Last inspection observations (document with photos and describe):

**Stormwater Collection and Drainage**

Drainage Channel Condition	Good	Poor	NA	Collection System Observations:
Sedimentation	Yes	No	NA	
Debris	Yes	No	NA	
Erosion/Slope Loss	Yes	No	NA	
Evidence of Leachate Seepage	Yes	No	NA	
Rip-Rap Condition	Good	Poor	NA	
Condition of Synthetic Liner	Good	Poor	NA	
Culvert Condition	Good	Poor	NA	
Other Drainage Structures/Pipes	Good	Poor	NA	
Condition of Drainage Grates	Good	Poor	NA	
Retention Ponds	Good	Poor	NA	

Last inspection observations (document with photos and describe):

**Inspection Form - Landfills**  
**New York Department of Environmental Conservation**  
**Inactive Hazardous Waste Site**

Building Structures				
Are there any building structures at the site?	Yes	No	(Proceed to next section)	Building Condition Observations:
Overall Exterior Condition	Good	Poor	NA	
Overall Interior Condition	Good	Poor	NA	
Interior Floor	Good	Poor	NA	
Vaulted Areas	Good	Poor	NA	
Last inspection observations (document with photos and describe):				
Access Road				
Overall Condition	Good	Poor	NA	Access Rd Condition Observations:
Potholes Observed	Yes	No	NA	
List other applicable components and their overall condition				
Leachate Collection System				
Is there a leachate collection system at the site?	Yes	No	(Proceed to next section)	Collection System Observations:
Collection Trench Condition	Good	Poor	NA	
Transfer Flow Pipes	Good	Poor	NA	
Condition of Valves	Good	Poor	NA	
Leachate Pump Condition	Good	Poor	NA	
Holding Tank(s) Condition	Good	Poor	NA	
Leachate Transfer/Loading Area	Good	Poor	NA	
List other applicable components and their overall condition				
Last inspection observations (document with photos and describe):				
Environmental Monitoring Locations				
Is there a monitoring network at the site?	Yes	No	(Proceed to next section)	Monitoring Network Observations:
Monitoring Wells/Piezometers	Good	Poor	NA	
Soil Gas Monitoring Probes	Good	Poor	NA	
Landfill Gas Vents	Good	Poor	NA	
List other applicable location types and their overall condition				
Last inspection observations (document with photos and describe):				

**Inspection Form - Landfills**  
**New York Department of Environmental Conservation**  
**Inactive Hazardous Waste Site**

<b>Interviews/Additional Contacts</b>			
Name/Title	Phone:	Company/Entity	Contact Information
<b>Additional Observation Notes:</b>			
<b>Photograph Log:</b>			
Photograph 1			
Photograph 2			
Photograph 3			
Photograph 4			
Photograph 5			
Photograph 6			
Photograph 7			
Photograph 8			
Photograph 9			
Photograph 10			
<b>Performance Monitoring</b>			
<b>Were check samples collected during this visit?</b>		<b>If yes, sample type collected:</b>	
<b>List Parameters/Methods Collected Per Media:</b>			
<b>Analytical Laboratory/Location:</b>			
<b>Sample Observations:</b>			

Reviewed by: \_\_\_\_\_ Date: \_\_\_\_\_

**ATTACHMENT 6  
2024 LEACHATE FIELD DATA RECORDS**

### Attachment 3 - Leachate Collection Building Inspection Photograph Log

**Client:** NYSDEC

**Project Number:** 3616206100

**Site Name:** AL Tech Specialty Steel

**Site Location:** Colonie, New York

**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 1

**Direction:**

Southwest

**Description:**

East side of leachate collection building. Vegetation growing on stairs and gas meter cleared since previous inspection.



**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 2

**Direction:**

Northeast

**Description:**

Main entry area of Leachate Building with Bearoff drums and insulation falling off discharge line.



## Former Leachate Collection Building Inspection Photograph Log

**Client:** NYSDEC

**Project Number:** 3616206100

**Site Name:** AL Tech Specialty Steel

**Site Location:** Colonie, New York

**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 3

**Direction:**

South

**Description:**

Southwest corner of leachate collection building manhole for old leachate line and other debris.



**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 4

**Direction:**

West

**Description:**

Damaged insulation on west wall near entrance. Appears unchanged since April 21, 2023, inspection.



**Former Leachate Collection Building Inspection Photograph Log**

**Client:** NYSDEC

**Project Number:** 3616206100

**Site Name:** AL Tech Specialty Steel

**Site Location:** Colonie, New York

**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 5

**Direction:**

Northwest

**Description:**

Insulation damage at building's top north wall. North of east tank. Daylight visible through damaged area.



**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 6

**Direction:**

Northwest

**Description:**

Damaged ceiling insulation between Tank 2 (eastern most tank) and south wall. Southeast corner.



## Former Leachate Collection Building Inspection Photograph Log

**Client:** NYSDEC

**Project Number:** 3616206100

**Site Name:** AL Tech Specialty Steel

**Site Location:** Colonie, New York

**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 7

**Direction:**

Southwest

**Description:**

Gas line entering building in southeast corner.



**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 8

**Direction:**

Southeast

**Description:**

Damaged insulation near building's southwest entry door.



**Former Leachate Collection Building Inspection Photograph Log**

**Client:** NYSDEC

**Project Number:** 3616206100

**Site Name:** AL Tech Specialty Steel

**Site Location:** Colonie, New York

**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 9

**Direction:**

East

**Description:**

Vent fan covers on west side of leachate collection building.



**Photographer:**

Jerry Rawcliffe

**Date:**

May 1, 2024

**Photograph:** 10

**Direction:**

Southeast

**Description:**

Down spouts along north side of leachate building.

