

Periodic Review Report (April 5, 2024 through April 4, 2025)

Former Scott Aviation Facility - West of Plant 2
Lancaster, New York
NYSDEC Site Code No. 9-15-149

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List of Acronyms

ABC+®	Anaerobic BioChem and zero valent iron
ABC-Olé®	a mixture of Anaerobic BioChem, zero valent iron, and emulsified fatty acids
AMSL	above mean sea level
AECOM	AECOM Technical Services, Inc.
AS	air stripper
bgs	below ground surface
BSA	Buffalo Sewer Authority
cis-1,2-DCE	cis-1,2-dichloroethene
CD	compact disc
1,1-DCA	1,1-dichloroethane
Dhb	<i>dehalobacter</i>
Dhc	<i>dehalococcoides</i>
DPE	dual phase extraction
EC/BPDES	Erie County/Buffalo Pollution Discharge Elimination System
ERD	Enhanced Reductive Dechlorination
ft	feet
gpm	gallons per minute
GSR	Green and Sustainable Remediation
GWCT	groundwater collection trench
GWTB	groundwater treatment building
HES	Heritage Environmental Services, LLC
IC/EC	Institutional Controls and Engineering Controls
lb/hr	pounds per hour
LNAPL	light non-aqueous phase liquid
LRP	liquid ring pump
Matrix	Matrix Environmental Technologies, Inc.
mg/kg	milligram per kilogram
MNA	monitored natural attenuation
MVS	mechanical volatilization system
µg/m ³	micrograms per cubic meter
µg/L	micrograms per liter
mg/L	milligrams per liter
NYSDEC	New York State Department of Environmental Conservation
O&M	operation and maintenance
OBG	O'Brien & Gere Engineers, Inc.
PCE	tetrachloroethene
PFAS	per- and polyfluoroalkyl substances
PRR	Periodic Review Report
RAER	Remedial Action Engineering Report
RAO	Remedial Action Objective
RDWP	Remedial Design Work Plan
RI/FS	remedial investigation/feasibility study
ROD	Record of Decision

SICR	Site Investigation Completion Report
SVE	soil vapor extraction
1,1,1-TCA	1,1,1-trichloroethane
TCE	trichloroethene
TEH	total extractable hydrocarbons
TOC	total organic carbon
TOGS	Technical and Operational Guidance Series
TSS	total suspended solids
USEPA	United States Environmental Protection Agency
UST	underground storage tank
VC	vinyl chloride
VOC	volatile organic compound
ZVI	zero valent iron

1. Introduction

On behalf of Scott Figgie LLC (successor to Scott Technologies, Inc., which was a successor to Figgie International), hereinafter “Scott”, and pursuant to the requirements of the New York State Department of Environmental Conservation (NYSDEC) Order on Consent, Index No. B9-0377095-05, AECOM Technical Services, Inc. (AECOM) prepared this Periodic Review Report (PRR) to summarize the operation and maintenance (O&M) and groundwater monitoring activities for the combined dual phase extraction (DPE) remediation system at the former Scott Aviation facility (the “Site”), NYSDEC Site Code No. 9-15-149, located at 225 Erie Street, Village of Lancaster, County of Erie, State of New York (**Figure 1**). A selected remedy for soil and groundwater is described in the Record of Decision (ROD), Scott Aviation Site, Village of Lancaster, Erie County, Site Code No. 9-15-149, which was signed into Declaration on November 7, 1994 (NYSDEC, November 1994). The reporting period discussed herein encompasses the period between April 5, 2024 and April 4, 2025. This is the twentieth comprehensive remediation report.

1.1 Report Organization

The purpose of this PRR is to provide a summary of the current remediation system configuration, describe significant O&M and groundwater monitoring activities, discuss overall remediation system performance during the reporting period, and provide recommendations for future combined DPE remediation system operation.

This PRR was developed in general conformance with NYSDEC site investigation and remediation requirements (NYSDEC DER-10, May 2010). More specifically, this report provides the following information:

- Report organization details, a brief summary of Site history, previous Site investigations, remediation activities, and remedial action objectives (RAOs) for the Site (**Section 1**);
- A description of the current combined DPE remediation system configuration and a detailed summary of O&M activities conducted during the reporting period (**Section 2**);
- A groundwater monitoring program summary including a description of groundwater monitoring activities completed during the reporting period, a detailed review of the April 2025 comprehensive groundwater monitoring event, and a comparison of historical comprehensive groundwater analytical results to the April 2025 comprehensive groundwater analytical results (**Section 3**);
- A summary of groundwater remediation system monitoring and O&M and remediation progress (**Section 4**);
- A summary of Green and Sustainable Remediation (**Section 5**);
- Conclusions, recommendations, a description of upcoming Site-related activities, and a proposed monitoring and compliance sampling schedule (**Section 6**);
- Certification of the Institutional Controls and Engineering Controls (IC/EC; **Section 7**); and
- References used in the preparation of this report (**Section 8**).

Supporting information used in the preparation of this PRR is included in six appendices:

- **Appendix A** contains a copy of the O&M checklist used for the combined DPE remediation system;
- **Appendix B** provides the groundwater sampling logs for the Site monitoring wells sampled in April 2025;
- **Appendix C** presents a current and historical summary of groundwater elevations measured for the Site monitoring wells through April 2025;
- **Appendix D** provides a current and historical summary of the volatile organic compounds (VOCs) detected in the Site monitoring wells sampled through April 2025;

- **Appendix E** provides all April 2025 analytical data packages on flash drive; and
- **Appendix F** includes the completed IC/EC certification.

1.2 Site Background

The following subsections present brief summaries of the Site, its history, and previous Site investigation and remedial activities.

1.2.1 Site Geology/Hydrogeology

The native soils underlying the Site generally consist of interbedded silts and clays with discontinuous sporadic fine sand lenses (shallow overburden). A thin coarse-grained layer is located above the bedrock (deep overburden). The average thickness of the overburden is approximately 21 feet (ft), ranging from 20 ft in the south to 26 ft in the north.

Groundwater is first encountered at the Site in the shallow overburden and then again just above the bedrock in the deep overburden. The natural flow of groundwater at the Site in both the shallow and deep overburden is to the northwest. Depths to groundwater across the Site in both the shallow and deep overburden are measured quarterly and is discussed in detail in Section 3.2 of this report.

1.2.2 Site Remedial Investigation/Feasibility Study

A 3,000-gallon underground storage tank (UST) was previously located immediately adjacent to the southwestern corner of Scott Aviation Plant 2 (**Figure 2**) at the Site. The UST was used to store waste cutting oil and spent chlorinated solvents generated during manufacturing operations conducted in Plant 2. Activities at Plant 2 have historically included the machining of piece parts from metal feedstock and the fabrication of cores to fit into devices that provide emergency oxygen upon demand in commercial aircraft (Earth Tech, April 2004).

During April 1991, the former Site owner, Figgie International, removed the UST. Based on contamination discovered during the removal of the UST, Figgie International entered into a remedial investigation/feasibility study (RI/FS) Order on Consent with the NYSDEC on July 9, 1992, and an RI was initiated by Versar, Inc. on behalf of Figgie International in the immediate area surrounding the former UST location. The final RI report, approved by the NYSDEC on December 13, 1993, indicated the presence of VOCs in excess of NYSDEC soil and groundwater guidance values to the west of Plant 2. A subsequent FS report was prepared by Figgie International and approved by the NYSDEC on August 29, 1994 (O'Brien & Gere, July 1996).

1.2.3 Record of Decision

Based on the results of the RI/FS, the NYSDEC prepared a ROD, dated November 7, 1994, which required remedial actions to be initiated to address contaminated soils and groundwater at the Site. The ROD specified that soil remediation would be accomplished by excavating all soils with VOCs above Site-specific RAOs and subsequently treating the soil on-Site using an ex-situ soil vapor extraction (SVE) system. The established RAOs for the Site are presented in **Table 1** and are discussed further in Section 1.3 of this report. The ROD also specified that groundwater remediation would be performed by installing a groundwater collection trench (GWCT) west of Plant 2 to induce hydraulic capture of groundwater impacted with VOCs and by constructing an associated groundwater treatment system. A ROD Amendment approving the use of a mechanical volatilization system (MVS) to treat excavated soils in lieu of the proposed ex-situ SVE system was issued by the NYSDEC on April 19, 1995 (O'Brien & Gere Engineers, Inc. [OBG], July 1996).

1.2.4 Previous Remediation Activities

This section summarizes previous soil and groundwater remedial activities conducted at the Site.

1.2.4.1 Source Area Soil Excavation and Treatment

Following approval of the Remedial Design by the NYSDEC in September 1995, soil remediation actions were initiated. Soils to the west of Plant 2 in the vicinity of the former UST were excavated and treated on-Site using an MVS (see **Figure 2** for former UST location). The MVS process consisted of a screening plant and Hammermill shredder that mechanically pulverized and aerated the excavated soil that had previously been amended with pulverized quick lime. Volatilization of the VOCs from the soil occurred as a result of the sieving and pulverizing actions and also because of the heat generated by the reaction of lime with moisture in the soil. Approximately 5,600 cubic yards of soil were excavated from depths ranging between 2 ft and 21 ft below ground surface (bgs; bedrock contact) and treated using the MVS. Based on analytical results for the treated soil (each individual VOC <1 milligram per kilogram (mg/kg) and total VOCs <10 mg/kg), on December 11, 1995, the NYSDEC approved backfilling the excavation with the originally excavated soil processed on-Site with the MVS. Backfilling of the excavation was completed on December 19, 1995, which included a soil cover of the treated soil.

1.2.4.2 Groundwater Collection Trench

In accordance with the ROD, in February 1996 a 200-foot long GWCT was constructed approximately 90 ft west of Plant 2. The purpose of the trench was to maintain hydraulic control of VOC-impacted groundwater. The bottom of the trench was excavated down to bedrock (approximately 25 ft bgs). The bottom five ft of the trench consists of rounded pea gravel and the top 20 ft of the trench was backfilled with remediated soils. A 6-inch diameter slotted high density polyethylene pipe located at the bottom of the trench conveys water to a wet well located at the north end of the trench. The water is transferred from the wet well using a submersible pump through a 1-inch diameter Schedule 80 polyvinyl chloride pipe to a treatment system located in the Groundwater Treatment Building (GWTB) located immediately west of Plant 2.

The groundwater treatment system consists of a low-profile shallow tray air stripper (AS) unit. Treated water from the AS unit is discharged to the Buffalo Sewer Authority (BSA) under an Erie County/ Buffalo Pollutant Discharge Elimination System (EC/BPDES) permit via a 2-inch diameter force main that discharges to a BSA sanitary sewer located south of the GWTB at Erie Street (OBG, July 1996). Start-up of the groundwater treatment system occurred on March 1, 1996. **Figure 2** shows the location of the GWCT and GWTB.

1.2.5 Additional Investigation Activities

Annual groundwater monitoring completed in April 1998 indicated an increasing trend in VOC concentrations in MW-4, located to the west of the GWCT at the western property boundary of the Site. Additionally, light non-aqueous phase liquid (LNAPL) was observed at MW-4 on the water level probe during a quarterly monitoring event conducted in November 1998. In April 1999, four new monitoring wells (designated MW-7, MW-8, MW-9, and MW-10) were installed to evaluate the extent and potential source of VOCs and LNAPL observed in MW-4. Based on repeated detections of VOCs and LNAPL in the groundwater to the west of the GWCT, a comprehensive site investigation was conducted in February 2003 to further assess the vertical and horizontal extent of VOCs and LNAPL.

During the 2003 investigation, LNAPL was observed in MW-8 only. A total of 21 direct push technology borings were advanced to the east and west of the GWCT to further assess the extent of impacted soils west of Plant 2. Results were summarized in the June 2003 Site Investigation Completion Report (SICR); the data indicated the continued presence of chlorinated VOCs above the RAOs in the saturated soil and groundwater, primarily to the west of the GWCT (Earth Tech, June 2003).

1.2.6 Remedial Alternatives Analysis

Based upon the results of the 2003 investigation, a remedial alternatives analysis was completed, and results were included in the SICR. DPE was recommended to be implemented to supplement the existing remediation system and to further remediate VOCs in soil and groundwater at the Site (Earth Tech, June 2003).

At the request of the NYSDEC, a Remedial Design Work Plan (RDWP; Earth Tech, November 2003) was prepared that provided a detailed description and design for the proposed DPE system recommended in the SICR. A discussion of DPE system construction, startup, and O&M activities during approximately the first year of operation (May 14, 2004 through July 19, 2005) is provided in the first Remedial Action Engineering Report (RAER; May 14, 2004 through July 19, 2005; Earth Tech, November 2005).

1.2.7 Injection Pilot Tests

Beginning on July 28, 2010 and concluding on October 29, 2010, de maximis, Inc., on behalf of Scott and with NYSDEC approval, initiated a chemical oxidation pilot test (de maximis Inc., July 2010). The test consisted of injection of sodium persulfate with chelated iron activation at 10 injection points located within the area of the >100 micrograms per liter ($\mu\text{g/L}$) trichloroethene (TCE) plume as defined in 2010. A second series of injections was performed between June and October 2011; refer to **Figure 3** for injection locations. A review of groundwater data at the source area monitoring wells following the pilot test indicated a spike in TCE concentrations, possibly due to mobilization of product from the vadose zone.

On November 6, 2014, AECOM submitted a 2014 Injection Pilot Test Work Plan (AECOM, November 2014) to NYSDEC detailing a pilot test injection program to be performed with the injectate Anaerobic BioChem and zero valent iron (ZVI; ABC+[®]). Following NYSDEC approval, the pilot test was performed in November 2014 in a 1,200 square foot area centered within source wells MW-4, MW-8R, and MW-16S; refer to **Figure 3** for injection locations. Each of the eight injection points received approximately 480 gallons of ABC+[®], mixed at approximately 16 percent by weight solution, and divided up between five depth intervals at 10, 13, 16, 19 and 22 ft bgs. Following the November 2014 injection of ABC+[®], two rounds of groundwater samples were collected and analyzed for VOCs. The groundwater VOC data collected in January 2015 and April 2015 showed significant decreases in TCE concentrations in the area of the injections, with the expected corresponding increases in cis-1,2-dichloroethene (cis-1,2-DCE), chloroethane, and vinyl chloride (VC) concentrations.

On April 28, 2015, AECOM submitted the Addendum to the 2014 Injection Pilot Test Work Plan (AECOM, April 2015) to NYSDEC outlining a second phase of injections to be performed with the injectate ABC+[®]. Following NYSDEC approval, the injection program was performed between April and May 2015 in an approximate 3,600 square foot area centered around monitoring wells MW-4, MW-8R, MW-13S/D, and MW-16S/D, and DPE wells DPE-3, DPE-4, DPE-5, DPE-7, and DPE-8; refer to **Figure 3** for injection locations. A total of 21 injection points were completed with approximately 410 gallons of 16 percent by weight ABC+[®] injected at each location and divided up between five depth intervals at 10, 13, 16, 19 and 22 ft bgs. Note that this area was expanded vertically and horizontally from the first phase of injections as well as overlapped (offset) the first phase of injections. Per the table referenced in Section 3.4, TCE concentrations showed a decreasing trend following these ABC+[®] injection events.

During the week of November 26, 2018, AECOM completed a five-day supplemental injection program per the 2018 Injection Work Plan (AECOM, October 2018) submitted to NYSDEC on October 31, 2018. ABC-Olé[®] with ZVI, a mixture of carbon substrates that historically included lactates, lactate esters (ethyl lactate), alcohols, fatty acids, a phosphate buffer and zero valent iron, was selected to remediate impacted groundwater in an approximate 4,500 square foot area within the 100 $\mu\text{g/L}$ total VOC plume, which was based on October 2018 groundwater sample data. This area encompassed monitoring wells MW-4, MW-8R, MW-16S/D and MW-13S/D and dual phase extraction wells DPE-3, DPE-4, DPE-5, DPE-7, and DPE-8. The injectate ABC-Olé[®] with ZVI, mixed as an approximately 15 percent by weight solution, was injected at 20 locations (**Figure 4**). Sixteen injection points received approximately 400 gallons of solution each, with the four locations adjacent to monitoring well cluster MW-16 receiving approximately 500 gallons of injectate each. The injectate was distributed at depth intervals of 11, 14, 17, and 20 ft bgs and targeted the shallow water bearing unit.

To monitor the effectiveness of the November 2018 supplemental injections over time, monitored natural attenuation (MNA) parameters were collected from five monitoring wells (MW-4, MW-8R, MW-13S, MW-16S, and MW-16D) prior to the injection event. MNA samples were also collected from the same five wells during the April 2019, July 2019, October 2019, April 2020, April 2021, October 2021, April 2022, October 2022, April 2023, October 2023, and April 2024 sampling events. In addition, background monitoring well

MW-11 was included in the April 2021, April 2022, October 2022, April 2023, October 2023, and April 2024 sampling events.

On September 15 and 16, 2021, AECOM completed bioaugmentation injections per an August 30, 2021 Bioaugmentation Injection Work Plan (AECOM, August 2021) using microbial culture KB-1[®] Plus and the KB-1[®] Primer supplied by SiREM (refer to **Figure 5** for injection locations). Just prior to the bioaugmentation injections, the GWCT and DPE remedial systems were taken off-line. The bioaugmentation solution was injected into the subsurface at nine locations via direct push technology, targeting either 3 or 4 discrete intervals ranging between 5 and 20 ft bgs depending on the location. Each injection point around locations MW-8R, DPE-4, and DPE-8 received approximately 200 gallons of KB-1[®] Plus/Primer (i.e., injectate) which was distributed at 5-foot depth intervals (5, 10, 15, and 20 ft bgs), targeting either the shallow or shallow and deep overburden groundwater zones. Each injection point around locations MW-16S and DPE-7 received approximately 150 gallons of injectate and was distributed at three depth intervals (8, 13, and 18 ft bgs), targeting the shallow overburden groundwater zone.

The KB-1[®] Primer came in pouches suitable for mixing with approximately 250 gallons of potable water. An appropriate amount of the KB-1[®] Primer was weighed with a scale provided by SiREM and mixed with the amount of water required for each injection location (i.e., 60% of a KB-1[®] Primer pouch for 150 gallons or 80% of a pouch for 200 gallons). The KB-1[®] Primer water mix was ready to inject when fully dissolved and upon pH and oxygen reduction potential (ORP) readings meeting the specifications designated by SiREM (i.e., 6 to 8.3 standard units for pH, and < -75 millivolts for ORP).

Injection flow rates for the injections ranged from approximately 3 to 12.5 gallons per minute (gpm). The target volume of injections for each discrete interval regardless of location was 50 gallons (to minimize short circuiting or breakthrough). This is the minimum amount of KB-1[®] Primer water recommended by SiREM to support the KB-1[®] Plus. At each interval, approximately half the injection amount of KB-1[®] Primer water (25 gallons) was injected. A target amount of KB-1[®] Plus (approximately 0.6 liters) was then injected using nitrogen gas to push the anaerobic microbial injectate into the targeted interval. The remaining half of the primer water was subsequently injected. Injections were conducted using a bottom-up approach, starting at the lowest designated interval, and raising the rods up to the next interval following completion of the lower interval injection.

On October 4, 2021, two weeks prior to the fourth quarter 2021 (October 2021) groundwater sampling event, the GWCT was brought back on-line. On November 23, 2021, approximately 40 days following the bioaugmentation injection event, AECOM and Matrix Environmental Technologies, Inc. (Matrix) performed O&M activities on the DPE system (including winterization activities) and brought DPE-1, DPE-2, and DPE-5 back on-line. Note DPE-1, DPE-2, and DPE-5 are located up/side-gradient of the regional groundwater flow and outside the bioaugmentation injection area. Contrary to the work plan, during the winter months, DPE-1, DPE-2, and DPE-5 were not cycled, but remained on-line to keep the DPE remedial system components from freezing if the system were to be kept totally off-line. AECOM submitted the Bioaugmentation Injection Program Summary Report on December 28, 2021 (AECOM, December 2021).

On March 3, 2023, following NYSDEC-approval of the Electron Donor Injection Program Work Plan (AECOM, March 2023), AECOM's drilling subcontractor Matrix installed two shallow overburden injection wells (IW-01 and IW-02) immediately upgradient of MW-16S; refer to **Figure 6** for the location of the injection wells. Following installation and development of the injection wells, the injections were initiated during the week of March 6, 2023. The injection well construction diagram is included as **Figure 7** and well construction details are summarized in **Table 2**.

The injectate consisted of an extended release electron donor solution (EDS-ER[™]: vegetable oil-based donor), a quick release donor solution (EDS-QR[™]: a soluble glycerol-based high hydrogen-content electron donor), a solution to stimulate biological activity (TersOX[™], Nutrients-QR: a source of nitrogen and phosphorus to avoid nutrient limitations for biostimulation programs); and the "chaser" solution (KB-1[®] Primer: chemicals to drive source water anoxic, buffer pH, remove chlorine and protect organohalide respiring bacteria). The total volume of mixed injectate solution used was approximately 3,000 gallons.

The injectate was mixed on Site in 10-gallon batches using the following ratio:

EDS-ER™	EDS-QR™	TersOX™ Nutrients-QR	KB-1® Primer	Anoxic Injection Volume
22.4 ounces/ 635 grams	30.4 ounces/ 862 grams	1.3 ounces/ 38 grams	1.1 ounces/ 32 grams	10 gallons

Once the desired amount of injectate solution was mixed, it was tremmied/pumped into the water column in each of the two newly installed injection wells. In addition, three shallow overburden DPE wells (DPE-3, DPE-5, and DPE-8) were also used as injection points, with the DPE well system toggled both on- and off-line as needed to move the injectate horizontally through the subsurface. Five to ten gallons of donor solution was added to the injection points three days per week over a three-month period, or as fast as the subsurface would absorb the volume. The electron donor injections were completed on July 6, 2023.

1.3 Remedial Action Objectives

Cleanup criteria for Site soil and groundwater are based on the RAOs established in the ROD (NYSDEC, November 1994). **Table 1** presents the Site-specific cleanup criteria for the contaminants of concern. The RAOs for the combined soil and groundwater remediation system include:

1. Maintain hydraulic control of shallow groundwater and eliminate potential off-Site migration of VOCs along the western property boundary.
2. Lower the groundwater table within the impacted source area to expose the aquifer matrix and subsequently extract soil vapors containing VOCs using enhanced vacuum extraction. By lowering the water table surface, the DPE system induces groundwater flow toward the system extraction wells, thereby allowing the applied vacuum to remove VOCs more effectively in the exposed aquifer matrix.
3. Reduce the mass of VOCs in the subsurface and remediate Site soil and groundwater to meet RAOs.
4. Obtain No Further Action status for the Site.

2. Current Remediation System Configuration and Operation and Maintenance Summary

This section provides a description of the current remediation system configuration and a summary of combined DPE remediation system O&M activities conducted during the reporting period (April 5, 2024 through April 4, 2025).

2.1 Current Remediation System Description and Configuration

As described in Section 1.2.4.2 of this report, the initial groundwater remediation system installed at the Site consisted of a 200-foot long GWCT and an associated groundwater treatment system located to the west of Plant 2. The GWCT remediation system was combined to operate with a new DPE remediation system, which was installed at the Site between February and May 2004. The combined remediation systems, known collectively as the combined DPE remediation system, began operation on May 14, 2004.

Figure 2 depicts the combined DPE remediation system including DPE system recovery wells, monitoring wells and nested piezometers, DPE system piping locations, the DPE system trailer, and the pre-existing GWCT and GWTB. The DPE system consists of eight recovery wells. **Figure 8** presents a typical DPE recovery well construction diagram. Three additional monitoring wells (MW 8R, MW-11 and MW-12) and four pairs of nested piezometers (MW-13S/D through MW-16S/D) were also installed as part of DPE system construction activities and monitoring activities completed in 2004 and 2005. A typical nested piezometer construction diagram is shown in **Figure 9**. Monitoring well, nested piezometer, injection well and DPE system recovery well construction details are provided in **Table 2**. Section 2 of the first RAER provides a detailed summary of recovery well and monitoring well installation, subsequent DPE system installation, and DPE system equipment specifications (Earth Tech, November 2005). **Figure 10** presents the process and instrumentation diagram for the combined DPE remediation system. Note that there are no buildings located over the groundwater plume. VOC vapors are collected through the DPE system and monitored through a quarterly sampling program; refer to Section 4.1.1.

2.2 Combined DPE Remediation System Operation Summary

Between April 2, 2024 and April 1, 2025, the total volume of groundwater treated and discharged to the sanitary sewer via the AS unit was approximately 502,953 gallons at a combined average flow rate of 0.96 gpm. The treated groundwater that was discharged to the BSA via the local sanitary sewer system until September 30, 2024 was under permit No. 21-10-E4054 and treated groundwater that was discharged to the BSA via the local sanitary sewer system after September 30, 2024 was under renewed permit No. 24-10-E4054.

2.3 Routine DPE System Maintenance and Troubleshooting

The following subsections describe routine remedial system maintenance and troubleshooting as well as associated waste disposal that occurred during the current reporting period.

2.3.1 Routine System Maintenance

During routine weekly Site visits, AECOM personnel recorded system operating parameters and inspected and cleaned the various system components and piping as needed. Minor system repairs were also made as necessary throughout the reporting period. The O&M data collected during the Site visits was recorded using the O&M checklist presented in **Appendix A**. Data collected on these checklists are used to track the performance of the system.

2.3.2 System Troubleshooting and O&M

Sporadic system shutdowns and delays that required troubleshooting and maintenance occurred during the current reporting period. These activities, along with O&M activities, are summarized below. (Note: This information is based on a Scott Figgie LLC fiscal year, which begins on October 1st.)

Third Quarter 2024 (following April 2024 sampling event through end of July 2024 sampling event) combined DPE remedial system O&M:

- AECOM met Matrix Environmental Technologies, Inc. (Matrix) on June 5, 2024 to troubleshoot the air stripper discharge pump and clean the air stripper; backup pump was installed, and pump part (mechanical seal) was ordered for replaced pump to be used as the backup.
- AECOM performed the third quarter 2024 NYSDEC groundwater sampling activity and third quarter 2024 Erie County / Buffalo Pollution Discharge Elimination System (EC/BPDES) compliance sampling event during the week of July 1, 2024.

Fourth Quarter 2024 (following July 2024 sampling event through end of October 2024 sampling event) combined DPE remedial system O&M:

- AECOM performed routine O&M with Matrix on July 31, 2024: the mechanical seal on the backup air stripper discharge pump was repaired; the air stripper and groundwater collection trench totalizers were cleaned; fluid levels and filters were checked on DPE system components.
- AECOM performed the fourth quarter 2024 groundwater sampling and fourth quarter 2024 EC/BPDES compliance sampling events during the first week of October 2024.

First Quarter 2025 (following October 2024 sampling event through end of January 2025 sampling event) combined DPE remedial system O&M:

- AECOM and Matrix performed the annual remedial system O&M activity during the week of October 28, 2024.
- On January 7, 2025, AECOM met with Matrix to service the DPE remedial system knockout tank transfer pump.
- AECOM performed the first quarter 2025 groundwater sampling and first quarter 2025 EC/BPDES compliance sampling during the week of January 13, 2025.

Second Quarter 2025 (following January 2025 sampling event through end of April 2025 sampling event) combined DPE remedial system O&M:

- On February 10, 2025, AECOM oversaw the pickup of one 55-gallon drum of F002 hazardous waste generated during routine remedial system O&M, by Heritage Environmental Services, LLC.
- On February 12, 2025, AECOM met with Matrix to trouble shoot the high temperature alarm on the liquid ring pump (LRP); it was determined that the exhaust fan motor had stopped working. A new motor was installed on February 21, 2025, and the system was successfully re-started.
- AECOM performed the annual DPE well and conveyance line abatement (i.e., remove calcium hydroxide build up (scale) as a result of lime-amended soil that was utilized to backfill a former excavation area) and quarterly O&M activity with Matrix on March 20 and 21, 2025.

2.3.3 Waste Disposal

On February 5, 2025, AECOM completed the annual recertification of the Site's waste stream with HES.

On February 10, 2025, HES transported and disposed one 55-gallon drum (93 pounds) containing sediment and miscellaneous debris from O&M activities. This hazardous waste (F002 waste code) was generated during O&M activities conducted at the Site between December 14, 2023 and February 10, 2025.

AECOM personnel supervised the loading of the drum at the Site prior to transportation to the Heritage Thermal Services, Inc. facility located in East Liverpool, Ohio. AECOM signed the hazardous waste manifest "*on behalf of and as an agent of Scott Figgie LLC*". A copy of the completed manifest is filed on-Site.

3. Groundwater Monitoring Summary

The following subsections provide a detailed description of groundwater monitoring activities conducted during the current reporting period (April 5, 2024 through April 4, 2025), a review of the most recent comprehensive groundwater monitoring event analytical results, and a comparison of those results to historical comprehensive groundwater monitoring event analytical data.

3.1 Description of Groundwater Monitoring Activities for the Reporting Period

The groundwater monitoring program associated with the original GWCT system was combined with the monitoring program developed for the new DPE system in May 2004. Monitoring wells sampled during this reporting period were in general accordance with Table 14 of the NYSDEC-approved twentieth PRR (AECOM, May 2024). A total of four groundwater monitoring events were performed during the current reporting period (**Table 3**). These included three targeted quarterly monitoring events (July 2024, October 2024, and January 2025) and one comprehensive monitoring event (April 2025).

In July 2024, October 2024, and January 2025, quarterly sampling was performed, which targeted three perimeter monitoring wells (MW-2, MW-3, and MW-11) and six wells located within the TCE plume (MW-4, MW-8R, MW-13S, MW-13D, MW-16S, and MW-16D). In addition, DPE wells (DPE-1, DPE-2, DPE-3, DPE-4, DPE-5, DPE-6, DPE-7, and DPE-8) and the GWCT manhole were sampled during the quarterly events.

In April 2025, a comprehensive groundwater monitoring event was conducted that included all Site monitoring wells and nested piezometer pairs (14 total wells), all eight DPE wells, and the GWCT manhole. Discussions of the results and the associated laboratory reports for the July 2024, October 2024, and January 2025 groundwater sampling events were provided to the NYSDEC in quarterly monitoring summary reports (AECOM, July 2024; AECOM, November 2024; and AECOM, February 2025). A discussion of the groundwater analytical results for the comprehensive April 2025 sampling event is presented in Section 3.3 of this report.

3.2 April 2025 Groundwater Sampling, Elevations, and Groundwater Flow Direction

AECOM personnel collected groundwater samples for the latest comprehensive monitoring event between April 1 through 4, 2025 in accordance with the procedures outlined in the NYSDEC-approved RDWP. The monitoring wells sampled in April 2025 are listed in **Table 3**. Groundwater sampling logs generated during the April 2025 sampling event are provided in **Appendix B**. Groundwater samples were analyzed for VOCs by Eurofins Environment Testing Northeast, LLC located in Amherst, New York, using United States Environmental Protection Agency (USEPA) Analytical Procedures Manual SW-846, Method 8260C.

A complete round of groundwater levels was measured for all Site monitoring wells, piezometers, and the GWCT manhole. **Table 4** provides a summary of groundwater elevations measured on April 1, 2025. A historical summary of groundwater levels and corresponding elevations and hydrographs for each monitoring well and nested piezometer pair are provided in **Appendix C**. Monitoring well MW-2 is screened across the shallow water-bearing units, and MW-3, MW-4, MW-8R, MW-9, and MW-11 are screened across both the shallow and deep water-bearing units. The nested piezometer pairs (MW-13S/D, MW-14S/D, MW-15S/D, and MW 16S/D) are discretely screened, with one piezometer screened in the shallow water-bearing unit ('S' designation) and one piezometer screened in the deep water-bearing unit ('D' designation). DPE wells DPE-1, DPE 3, DPE-5, DPE-6, and DPE-8 are screened in the shallow water-bearing unit, while DPE-2, DPE 4, and DPE-7 are screened in the deep water-bearing unit. The GWCT is installed in the deep water-bearing unit.

Two groundwater surface contour maps for April 2025 are provided. The average water levels calculated for the nested piezometer pairs and monitoring wells, in conjunction with DPE well water level data, were used to generate the groundwater surface contours presented in **Figure 11**. **Figure 12** illustrates the

groundwater surface contours using only monitoring well, deep piezometer, and deep DPE water level data.

Groundwater elevations measured at monitoring wells in April 2025 ranged from 671.70 ft above mean sea level (AMSL) at MW-14D to 686.44 ft AMSL at MW-15S. The average groundwater surface elevation across the site (using groundwater elevations from monitoring wells only, as DPE groundwater elevations were not available for April 2025) was 1.33 feet higher when compared to the prior round of groundwater elevation measurements collected in January 2025. The increase in groundwater elevations may be attributable to seasonal variations. Based on these water level measurements, the groundwater surface beneath the Site continues to exhibit an inward radial pattern (i.e., cone of depression), and groundwater flows inward towards the operating DPE recovery wells and the GWCT. **Figure 11** and **Figure 12** show depressions in the water table surface centered on the DPE wells for shallow (average) overburden and along the GWCT for deep overburden. The historical groundwater flow direction at the Site before active groundwater remediation was initiated had been predominantly to the northwest. These figures indicate that the GWCT remediation system continues to induce groundwater flow reversal along the western property boundary. This groundwater flow reversal helps to provide sustained hydraulic capture of the on-Site groundwater.

3.3 April 2025 Groundwater Analytical Results

The April 2025 groundwater sampling event was the twentieth comprehensive sampling event conducted at the Site following the installation of the DPE system in May 2004. VOCs detected in groundwater from monitoring wells during the April 2025 sampling event are presented in **Table 5**. The following table summarizes the VOCs detected, their respective concentration ranges, the number of detections, and the number of those detections that exceeded Site-specific groundwater RAOs or groundwater criteria presented in NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 (NYSDEC, June 1998, January 1999 errata sheet, April 2000 addendum, June 2004 addendum) protection for source of drinking water (groundwater) standards (i.e., water class GA); herein referred to as TOGS 1.1.1 groundwater standards.

Groundwater Quality Results - April 2025

VOCs Detected in Groundwater	Concentration Range (µg/L)	Number of Detections	RAO/TOGS 1.1.1 Exceedances
Vinyl chloride*	1.8 – 11,000	7	6
Chloroethane*	2.2 – 1,300	7	6
cis-1,2-Dichloroethene*	1.8 – 5,000	7	5
1,1-Dichloroethane*	0.62 – 550	7	4
Toluene*	3.7 – 550	4	3
Trichloroethene*	0.52 - 28	2	1
Acetone	65	1	1
Xylenes, total*	23	1	1

* Site-specific Remedial Action Objective

Eight VOCs were detected in groundwater at monitoring wells and piezometers during the April 2025 sampling event. All of the eight VOCs detected exceeded either the Site-specific RAOs or the TOGS 1.1.1 criteria for groundwater at one or more monitoring wells. **Figure 13** through **Figure 21** illustrate April 2025 isoconcentration contours from monitoring wells, DPE extraction wells, and the GWCT for 1,1-dichloroethane (1,1-DCA), cis-1,2-DCE, chloroethane, toluene, TCE, VC, xylenes (total), and total VOCs (shallow and deep overburden), respectively. Note: concentration contours were not generated for 1,1,1-trichloroethane (1,1,1-TCA), 1-2-dichloroethene or ethylbenzene as these compounds were not detected.

These compounds are listed in the ROD as the Site-specific compounds for which RAOs were established (refer to **Table 1**).

As shown, the highest concentrations of VOCs were detected immediately west of the GWCT and in the former soil excavation area, in a suspected remnant source area located in the vicinity of monitoring wells and piezometers MW-4, MW-15S, and MW-16S, and DPE wells DPE-1, DPE-3, DPE-4, and DPE-8. VC, chloroethane, cis-1,2-DCE and 1,1-DCA exhibited the highest overall concentrations of chlorinated VOCs in Site groundwater. As has been observed historically, the shallow piezometers, which are screened in silts and clays, generally showed higher concentrations of the most frequently detected VOCs when compared to their deeper piezometer counterparts, which are screened in sands and gravels located immediately above bedrock.

3.4 Comparison of April 2025 Groundwater Analytical Data with Historical Groundwater Analytical Data

As previously described, quarterly groundwater quality data obtained during the reporting period, except for the April 2025 sampling event, was previously submitted to the NYSDEC in quarterly summary reports. Trend plots illustrating concentrations of TCE, cis-1,2-DCE, VC, 1,1,1-TCA, 1,1-DCA, and chloroethane over time are provided in **Appendix D**. Because concentrations of TCE were historically the highest detected concentrations of the contaminants of concern at the Site, a presentation of historical and current TCE concentrations in groundwater at Site monitoring wells and piezometers is provided in **Table 6**.

TCE was reported above the Site-specific RAO at one monitoring well (MW-15S) and in two DPE wells (DPE-1 and DPE-4). It is noted that MW-15S is in the soil excavation fill area and was not targeted during the injection pilot test programs.

Based on the decrease in concentration of TCE at these locations, as well as other locations with historical detections of TCE, the previous injections appear to be contributing to the ongoing degradation of TCE. This is most clearly demonstrated on the TCE trend plots in **Figures 22** through **25** for monitoring wells MW-4, MW-8R, MW-13S, and MW-16S, respectively.

3.5 Groundwater Collection Trench and Dual Phase Extraction Wells Groundwater Analytical Data

A grab sample was collected from the GWCT during each of the four quarters included in the reporting period; these data are summarized in **Table 7**. GWCT VOC data are not available prior to July 24, 2015. Although the VOC concentrations in the GWCT are relatively low, the GWCT remediation system continues to induce groundwater flow reversal along the western property boundary. This groundwater flow reversal aids in providing sustained hydraulic capture of the on-Site groundwater and is illustrated in the groundwater surface contour maps presented in **Figure 11** and **Figure 12**.

As stated above, groundwater grab samples were collected from DPE wells and analyzed for VOCs and total organic carbon (TOC). Analytical data are presented in **Table 8** and generally show decreasing trends of chlorinated VOCs in groundwater following the November 2014 injection pilot test at the DPE wells closest to the injections, and subsequent injection events.

An electronic copy of the analytical laboratory data package for the April 2025 sampling event is provided in **Appendix E**.

3.6 Monitored Natural Attenuation

As stated in Section 1.2.7, to monitor the effectiveness of the injections over time, MNA parameters were collected from MW-4, MW-8R, MW-11, MW-13S, MW-16S, and MW-16D. Results of the April 2025 MNA samples are summarized in **Table 9**. Per **Table 9**, all five wells sampled for MNA parameters (not including background monitoring well MW-11) show adequate (MW-4, MW-13S, MW-16D) to strong (MW-8R, MW-16S) evidence for anaerobic biodegradation of chlorinated organics to occur; background well

MW-11, outside the chlorinated VOC contaminant plume, shows inadequate evidence for anaerobic biodegradation of chlorinated organics.

The use of the enhanced reductive dechlorination (ERD) amendments ABC+[®] and ABC-Olé[®] with ZVI were designed to provide needed nutrients, such as a soluble lactic acid carbon source, a phosphate buffer to control pH for optimum microbial growth, and ZVI which accelerates abiotic dechlorination of chlorinated ethenes and ethanes. In September of 2021, AECOM completed a bioaugmentation injection event using microbial culture KB-1[®] Plus and the associated KB-1[®] Primer. Microbial analyses continues to indicate that the necessary concentrations of bacteria such as *Dehalococcoides* (Dhc) species producing the enzymes tceA reductase and VC reductase, remain present in the subsurface (further discussion is presented in Section 3.8). Over time, stimulation of the native bacteria by the injection of ABC+[®] and extra nutrients where chlorinated VOCs are present in Site groundwater as well as the completion of bioaugmentation in September 2021 have dramatically reduced the concentrations of the original parent chlorinated VOCs, TCE and 1,1,1-TCA. The initial concentrations of known TCA degradation products (1,1-DCA and chloroethane), as well as of TCE degradation products (1,2-DCE isomers and VC), suggest that reductive dechlorination of the chlorinated solvents present in site groundwater as a result of the November 2018 ABC+[®] injection event and the September 2021 event continues to occur.

Between March 2023 and July 2023, AECOM performed an electron donor and bioaugmentation program using a mixture of injectates that consisted of an extended release electron donor solution (EDS-ER[™]: vegetable oil-based donor), a quick release donor solution (EDS-QR[™]: a soluble glycerol-based high hydrogen-content electron donor), a solution to stimulate biological activity (TersOX[™] Nutrients-QR: a source of nitrogen and phosphorus to avoid nutrient limitations for biostimulation programs), and a “chaser” solution (KB-1[®] Primer: chemicals to drive source water anoxic, buffer pH, remove chlorine and protect organohalide respiring bacteria). The electron donor program was conducted to accelerate the reductive dechlorination of the remaining parent chlorinated VOCs and to increase the production of degradation intermediates such as cis-1,2-DCE and VC (without long-term accumulation) before complete mineralization occurs.

3.7 Total Organic Carbon

Samples were collected for TOC analysis to monitor the concentration of organic carbon available for optimum microbial growth. As the TOC concentrations have decreased over time in the areas targeted during previous injections, the electron donor injection event which was initiated in March 2023 was conducted to increase TOC concentrations above 20 milligrams per liter (mg/L), which is the minimum rule-of-thumb TOC concentration required to maintain effective ERD. TOC remains above 20 mg/L in the vicinity of MW-4, MW15S, MW-16S, MW-16D, DPE-1, DPE-3, DPE-5, and DPE-8. Refer to **Figure 26** for TOC isoconcentration contours for April 2025.

3.8 Dechlorinating Bacteria Analysis

During the April 2025 groundwater sampling event, AECOM collected samples at MW-8R and MW-16S and submitted the samples to SiREM in Knoxville, Tennessee for analysis for volatile fatty acids (VFA) (MW-8R and MW-16S) and Gene-Trac[®] analysis (MW-16S). The following sections summarize the VFA and Gene-Trac[®] analyses.

3.8.1 Volatile Fatty Acids

In addition to a TOC concentration greater than 20 mg/L, the quantification of VFAs is useful to assess the form of TOC present and its availability to promote the reductive dechlorination process. VFAs are fermented by a variety of pathways to produce the hydrogen necessary for complete reductive dechlorination to occur. In general, VFAs should be in excess of 10 to 20 mg/L to be useful. Pre- and post-injection VFA data is summarized in **Table 10**; the associated laboratory data reports are included in **Appendix E**.

SiREM analyzed for six VFAs during the pre-bioaugmentation injection sampling event in August 2021 and subsequent post-injection monitoring events in December 2021, April 2022, October 2022, April 2023, October 2023, April 2024, October 2024, and April 2025; the following compares the pre-bioaugmentation injection concentrations with the most recent post-bioaugmentation injection sampling event in performed in April 2025.

Lactate is a component of the ABC-Olé that was injected at the Site in November 2018. Lactate ferments to the VFAs acetate and propionate. Lactate can be used as a measure of the remaining unused reducing potential of the previously injected ABC-Olé®. At MW-8R, lactate reduced from a low detected concentration of 1.2 mg/L in August 2021 down to the detection limit (<0.62 mg/L, <0.5 mg/L) in April 2023 and April 2025, respectively. This indicates the depletion of this VFA at this well. At MW-16S, lactate was non-detect at <0.39 mg/L and non-detect at <10 mg/L between August 2021 and April 2025, which also indicates depletion of this VFA. For the electron donor program performed between March 2023 and July 2023, the carbon substrates being added (i.e., EDS-QR™ and EDS-ER™) do not contain lactate, so the concentration of lactate detected in MW-8R and MW-16S would not be expected to increase.

Acetate is fermented from lactate, ABC-Olé®, EDS-QR™, EDS-ER™, and sugars. *Dehalobacter* (Dhb) can use acetate as a low energy source while Dhc cannot. Dhb is implicated in the biodegradation of chlorinated ethenes such as tetrachloroethene (PCE) and TCE to cis-1,2-DCE and in the biodegradation of the chlorinated ethane 1,1,1-TCA to 1,1-DCA and subsequently to chloroethane. As a result, the presence of acetate indicates that partial reductive dechlorination can occur. However, complete reductive dechlorination to ethene and ethane will not occur without the presence of other VFAs and Dhc.

The electron donor injection program that injected EDS-QR™ and EDS-ER™ occurred between March and July 2023. Therefore, a comparison between the acetate results between April 2023 and April 2025 is appropriate to evaluate the impact of this program. Acetate decreased in MW-8R (2.2 mg/L to <0.50 mg/L) and increased in MW-16S (347 mg/L to 716 mg/L).

Propionate is fermented from lactate, ABC-Olé®, EDS-QR™, EDS-ER™, and alcohols. Propionate subsequently ferments to produce hydrogen and formate. Hydrogen is the preferred electron acceptor for reductive dechlorination because of its high energy yield. Dhc can only use hydrogen as an energy source. Slow fermentation of propionate results in efficient reductive dechlorination (less methanogenesis) and optimal Dhc growth. Propionate was not detected in MW-8R in August 2021, April 2023 (shortly after the electron donor injection program was initiated), or April 2025. Propionate concentration increased in MW-16S from 12 mg/L in August 2021 to 240 mg/L in April 2023 before subsequently decreasing to 26 mg/L in April 2025. The increase in propionate noted in April 2023 in MW-16S is most likely due to the electron donor program performed between March 2023 and July 2023.

Formate is created from the fermentation of propionate. Formate is fermented to produce hydrogen and bicarbonate. Formate was not detected at MW-8R in August 2021 or April 2025. Formate was not detected at MW-16S in August 2021 or April 2025. Formate would not be expected to be created by the carbon sources injected during the 2023 electron donor injection program.

Butyrate is created from the fermentation of ABC-Olé®, EDS-QR™, EDS-ER™, and alcohols. Butyrate ferments to produce hydrogen and acetate. Slow fermentation of butyrate results in efficient reductive dechlorination (less methanogenesis) and optimal Dhc growth. Butyrate was not detected in MW-8R in August 2021 or April 2025. The butyrate concentration increased in MW-16S from 81 mg/L in August 2021 to 137 mg/L in April 2023 before subsequently decreasing to 46 mg/L in April 2025. The increase in butyrate observed in April 2023 in MW-16S is most likely due to the electron donor program.

Pyruvate is created from the fermentation of sugars. Pyruvate is subsequently fermented to propionate and acetate with some hydrogen production. Pyruvate was not detected in MW-8R during the August 2021 or April 2025 sampling event. Pyruvate was detected at a concentration of 0.71 mg/L in MW-16S in August 2021, a concentration of 2.1 mg/L in April 2023, and non-detect (<10 mg/L) in April 2025. It is uncertain whether the electron donor program contributed to the pyruvate that was detected.

Overall, the April 2025 VFA results for MW-8R indicate that the remaining TOC in the vicinity of this well is insufficient to promote complete reductive dechlorination based on the relative lack of VFAs detected even though TOC was detected in MW-8R at a concentration of 18.1 mg/L, which is slightly below the rule-of-thumb concentration of 20 mg/L. A review of the chlorinated VOCs detected in this well in April 2025 seems to confirm that there is a lack of TOC needed for complete reductive dechlorination because cis-1,2-DCE, VC, and chloroethane remain above their RAOs (**Table 4**).

For MW-16S, there was an initial increase in the concentration of three VFAs (propionate, butyrate, and pyruvate) following the initiation of the electron donor injection program in March 2023. The concentrations of these three VFAs have decreased between April 2023 and April 2025. Both propionate and butyrate produce hydrogen when fermented, which is essential for complete reductive dechlorination to occur. The concentrations of cis-1,2-DCE, VC, 1,1-DCA, and chloroethane were elevated in April 2025, which indicates that reductive dechlorination is occurring. The detection of ethene at a concentration of 93,000 µg/L and TOC at a concentration of 299 mg/L indicates that complete reductive dechlorination is occurring at MW-16S.

A discussion of Dhc, Dhb, and reductase results is provided in the next subsection.

3.8.2 Gene-Trac®

Gene-Trac® Dhc is used to detect Dhc in a groundwater sample. The detection of Dhc is significant as Dhc contains the greatest number of reductive dehalogenase genes of any microbial group. Dhc is capable of the reductive dechlorination of PCE, TCE, cis-1,2-DCE, 1,1-dichloroethene, trans-1,2-dichloroethene, and VC. Pre- and post-injection Gene-Trac® data is summarized in **Table 11**; laboratory data reports are included in **Appendix E**.

Gene-Trac® microbials in MW-16S were analyzed by SiREM during the pre-bioaugmentation injection in August 2021 and subsequent post-injection monitoring events in December 2021, April 2022, October 2022, April 2023, July 2023, October 2023, April 2024, October 2024, and April 2025; the following compares the pre-bioaugmentation injection concentrations with the most recent post-bioaugmentation injection sampling event performed in April 2025.

The Gene-Trac® Dhc results increased from 1×10^9 Dhc gene copies per liter in August 2021 to 1.53×10^9 Dhc gene copies per liter in April 2025. Per the technical notes from SiREM regarding interpretation of data, when the density of Dhc gene copies per liter is 1×10^7 or higher, this concentration is generally associated with significant rates of dechlorination. The Dhc concentrations were similar for October 2024.

Gene-Trac® *vcrA*, *bvcA*, and *tceA* gene analysis quantifies genes that code for reductase enzymes that dechlorinate chlorinated ethenes and other compounds. The *vcrA*, *bvcA*, and *tceA* genes play specific roles in reductive dechlorination. Specifically, the Gene-Trac® *vcrA* and *bvcA* test quantifies VC-reductase genes that produce enzymes that convert VC to ethene. The *vcrA* reductase gene is reported to be the most commonly identified VC reductase gene in the environment, whereas *bvcA* is generally less common but can predominate in more oxidizing groundwater and possibly where DCE is dominant. The Gene-Trac® *tceA* test quantifies the TCE reductase gene that produces an enzyme that primarily converts TCE to cis-1,2-DCE and VC.

The *vcrA* reductase gene was detected in MW-16S at 1×10^9 gene copies per liter in the August 2021 pre-injection sample but decreased slightly to 9.33×10^8 gene copies per liter in the April 2025 post-injection sample collected. The *bvcA* reductase gene was detected in MW-16S at 1×10^8 gene copies per liter in August 2021 and at 1.46×10^8 gene copies per liter in April 2025. The *tceA* reductase gene was detected in MW-16S at 1×10^9 gene copies per liter in August 2021 and at 8.28×10^7 gene copies per liter in April 2025. Per the technical notes from SiREM, the potential for complete dechlorination is very high when Dhc, *vcrA*, *bvcA*, and *tceA* are present at greater than or equal to 1×10^7 gene copies per liter.

Additionally, VC stall is unlikely when *vcrA* is greater than 1×10^7 gene copies per liter, and ethene is detectable. Ethene was detected at 33,000 $\mu\text{g/L}$ and 93,000 $\mu\text{g/L}$ in August 2021 and April 2025, respectively.

Gene-Trac[®] Dhb is used to detect Dhb in a groundwater sample. Dhb is implicated in the biodegradation of PCE and TCE to cis-1,2-DCE. The detection of Dhb indicates that dechlorination activities attributed to Dhb may be active. Increasing concentrations of Dhb are indicative of increased potential for degradation. Dhb was detected at 5×10^7 gene copies per liter in August 2021 and at 2.19×10^6 gene copies per liter in April 2025. The Dhb results were similar for October 2024.

In summary, *Dhc*, *vcrA*, *bvcA*, and *tceA* are present at MW-16S at concentrations that continue to indicate a significant potential for complete reductive dechlorination to occur. TOC concentration in this well was 299 mg/L in April 2025, indicating that sufficient TOC is present in the vicinity of the well to promote reductive dechlorination. Additional time is needed to evaluate the overall impact of the electron donor injection program in the vicinity of this well.

3.9 Dechlorinating Chemical Analysis

In addition to the dechlorinating bacteria and degradative enzyme results, the presence and distribution of TCE degradation products (cis-1,2-DCE and VC) and 1,1,1-TCA degradation products (1,1-DCA and chloroethane) provide supportive evidence that the attenuation of TCE and 1,1,1-TCA and their degradation products via reductive dechlorination continues to occur in-situ at the Site. The occurrence and concentrations of these degradation products are directly related to the historic distribution of TCE and 1,1,1-TCA in the subsurface. The degradation products of TCE and 1,1,1-TCA were detected at their highest concentrations within the suspected source area near MW-4, MW-8R, MW-13S, and MW-16S. A limited number of other VOCs were sporadically detected in groundwater at the Site, with the majority of these detections located in groundwater at MW-15S (note, MW-15S/D is located in the lime-stabilized soil excavation fill area and were not targeted during previous injection events because the pH of the groundwater in this area is too high to promote biological activity). The Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Ground Water (USEPA, September 1998) indicates that a pH value greater than 9 is outside the range for reductive dechlorination to occur. In April 2025, the pH measured at MW-15S prior to sample collection was 12.50 standard units.

4. Groundwater Remediation System Monitoring and VOC Mass Removal Summary

This section describes system performance monitoring and summarizes the mass of VOCs removed by the combined DPE remediation system during the current reporting period from April 5, 2024 through April 4, 2025.

4.1 System Monitoring Results

Air discharge and water discharge monitoring results are discussed in the following subsections.

4.1.1 Air Discharge Monitoring

Samples were obtained from the vapor effluent of the AS and LRP on a quarterly basis and analyzed by Eurofins Environment Testing Northeast, LLC, located in South Burlington, Vermont, using USEPA Compendium Method TO-15. Based on the analytical results for the vapor samples collected, the exhaust mass-loading rate was calculated and provided to the NYSDEC in the Site quarterly groundwater monitoring reports. The combined total of the exhaust mass-loading rates for the vapor discharges was compared to the NYSDEC guidance value of 0.5 pounds per hour (lb/hr) of VOCs. Vapor effluent monitoring results for the first three monitoring events (July 2024, October 2024, and January 2025) during the reporting period were previously submitted to NYSDEC, and no exceedance of the NYSDEC standard for VOC emissions occurred. Refer to **Table 12** for a summary of air effluent data (including April 2025 data).

AECOM collected a vapor effluent sample from the AS unit and the LRP for the final quarterly monitoring event of the reporting period on April 1, 2025. The vapor effluent analytical results for the reporting period are summarized in **Table 13**, and an electronic copy of the analytical laboratory data package is provided in **Appendix E**. During the April 2025 sampling event, eight VOCs were detected in the AS unit effluent, and seven VOCs were detected in the LRP effluent. The total VOC discharge from the combined DPE remedial system was 2,873 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$). Based on the effluent totals, the calculated VOC discharge-loading rate for the remediation system was approximately 0.00092 lb/hr, which is well below the NYSDEC discharge guidance value of 0.5 lb/hr.

4.1.2 Water Discharge Monitoring

Following the sale of the Site to AVOX Systems Inc. in September 2004, Scott retained the responsibility for BSA EC/BPDES permit compliance sampling and reporting, for a period of time specified by contract. The current BSA EC/BPDES permit (No. 24-10-E4054) is effective from October 1, 2024 through September 30, 2027.

The permit requires quarterly sampling of treated groundwater discharges from the combined DPE groundwater remediation systems for a specific list of VOCs, total extractable hydrocarbons (TEH), total suspended solids (TSS), and pH. The quarterly discharge samples are analyzed by Eurofins Environment Testing Northeast, LLC, located in Amherst, New York. AECOM collected permit compliance samples from the AS unit treated effluent discharge sampling point in July 2024, October 2024, January 2025, and April 2025. Each quarter, AECOM tabulated the analytical data, converted the data to mass loading rates, compared the results to the permit requirements, and prepared a letter report for submittal to the BSA and NYSDEC. No exceedance of any permit discharge limit occurred during any of the four reporting periods.

On October 10, 2024, AECOM participated in the BSA EC/BPDES annual compliance inspection. No issues were identified during the inspection, and the facility was in full compliance with the permit. Samples collected by BSA on October 10, 2024, were also in compliance with all permit requirements, per an electronic mail from BSA dated November 6, 2024.

4.2 Mass Removal Summary

The estimated VOC mass removed by the combined DPE system for both groundwater and soil vapor was calculated based on operational and analytical data collected between July 2024 and April 2025.

The mass removal via groundwater extraction by the remediation system was calculated using total influent VOC concentrations, collected quarterly, and AS unit totalizer readings. The aqueous phase calculations are presented in **Table 14**. As shown in the table, approximately 0.026 pounds of VOCs were removed via groundwater extraction by the combined DPE remediation system per data collected between July 2024 and April 2025.

In addition to the VOCs removed through the AS, the DPE system additionally collects vapor from the subsurface and volatilizes VOCs during the groundwater extraction process. Mass removal was calculated using LRP runtime measurements, the total average LRP effluent sample VOC concentration for the reporting period, and the actual LRP airflow rate based on the manufacturer's operational curve, converted to standard cubic feet per minute. These calculations are presented in **Table 12**; approximately 3.81 pounds of VOCs were removed via the vapor phase from the combined DPE remedial system. Therefore, including both mass removal through groundwater and vapor, a total of 3.84 pounds of VOCs are estimated to have been removed by the combined DPE remediation system during the current reporting period (year).

Combining the totals for the 23 reporting periods, the cumulative mass of VOCs removed by the combined DPE remediation system is estimated at 3,052 pounds since the startup of the system in its current configuration on May 14, 2004.

5. Green and Sustainable Remediation

Pursuant to the NYSDEC DER-31 Green and Sustainable Remediation (GSR) initiative, GSR principles and techniques will be implemented to the extent feasible in the Site management of the remedy as per DER-31. The major GSR components are listed below.

5.1 GSR Components

- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
- Reducing direct and indirect greenhouse gas and other emissions;
- Increasing energy efficiency and minimizing use of non-renewable energy;
- Conserving and efficiently managing resources and materials;
- Reducing waste, increase in recycling, and increasing reuse of materials which would otherwise be considered a waste; and
- Incorporate GSR principles and techniques to the extent feasible in the future development at this site. Any future on-Site building will be constructed, at a minimum, to meet the 2020 Energy Conservation Construction Code of New York (or most recent edition) to improve energy efficiency as an element of construction.

5.2 GSR Efforts

Throughout the 2024 reporting period, the following GSR efforts were employed during groundwater sampling and reporting, and O&M activities:

- Vehicle idling was reduced while on Site;
- Local AECOM staff and subcontractors are used for sampling and O&M to reduce travel and lodging to reduce energy consumption and emissions from exhaust;
- Groundwater sampling pumps were powered by a battery instead of a gas-powered generator;
- During routine O&M activities, an electric power washer is used to clean the air stripper and other items instead of a gas-powered unit;
- Sample tubing was precisely measured so as to not generate any excess which would contribute to additional waste;
- Low-flow sampling techniques were used and groundwater purge rates were monitored in an effort to reduce purge water to be treated (groundwater is treated on-Site to minimize T&D);
- Weekly O&M visits and T&D activities were combined, when possible, with other on-Site activities such as routine sampling and annual BSA inspection visits to reduce mobilizations;
- T&D events were scheduled by a subcontractor to coincide with other pickups in an effort reduce travel (i.e., reduce energy consumption and emissions from exhaust);
- Permanent injection wells were installed as part of the 2023 electron donor injection program;
- Electron donor injections were performed by gravity feed to avoid excess potential breakthrough if injectate was delivered under pressure, and to conserve energy; and

- Waste materials amendable for recycling (i.e., cardboard, glass, etc.) were disposed of in the proper recycling receptacle.

When applicable, visits to stores to purchase field supplies, etc., and trips to the laboratory to drop off sample coolers were limited, to save energy, reduce emissions, reduce localized noise, vibration, and wear and tear on vehicles and roads.

6. Conclusions and Recommendations

Based on results of the remediation system analytical and operational data collected during the reporting period, conclusions, upcoming Site-related activities, and a proposed system monitoring schedule are presented below.

6.1 Conclusions

1. The GWCT and DPE ran continuously except for routine O&M activities which required the systems to be temporarily taken offline as needed.
2. Between April 2, 2024 and April 1, 2025, the total groundwater treated and discharged to the sanitary sewer via the AS unit was an estimated 502,953 gallons, at a combined average flow rate of 0.96 gpm.
3. Approximately 3.84 pounds of VOCs were removed by the combined remediation system from April 5, 2024 through April 4, 2025. An estimated cumulative total of 3,052 pounds of VOCs has been removed since combined DPE remediation system startup on May 14, 2004.
4. The system discharges were in compliance with applicable requirements (i.e., BSA EC/BPDES permit effluent discharge limits for liquids, and the NYSDEC air emission standard for vapor of 0.5 lb/hr) throughout the reporting period.
5. Groundwater elevations measured at monitoring wells and piezometers ranged from 671.70 ft AMSL at MW-14D to 686.44 ft AMSL at MW-15S. The groundwater surface exhibits a cone of depression with groundwater flowing inward towards the active DPE wells and GWCT. The DPE wells and GWCT continue to induce groundwater flow reversal along the western property boundary, which serves to mitigate off-Site migration of VOCs in the shallow and deep overburden groundwater.
6. The groundwater analytical data and groundwater elevation data indicate that the combined DPE system and GWCT continued to maintain hydraulic control of groundwater by capturing potential off-Site migration of VOCs along the western property boundary.
7. During the April 2025 comprehensive groundwater sampling event, Site-specific VOCs 1,1,1-TCA, 1,2-dichloroethene and ethylbenzene were not detected in monitoring wells or piezometers; TCE was detected above its Site-specific RAO in monitoring wells MW-8R and MW-15S, and in extraction wells DPE-1 and DPE-4.
8. VC, chloroethane, cis-1,2-DCE, and 1,1-DCA exhibited the highest overall concentrations and were the most frequently detected VOCs in groundwater. For the April 2025 comprehensive groundwater sampling event, the highest concentrations of VOCs were detected just west of the GWCT and in the former source area soil excavation, which is similar to the April 2024 comprehensive groundwater sampling event results.
9. The presence and distribution of TCE degradation products (cis-1,2-DCE and VC) and 1,1,1 TCA degradation products (1,1-DCA and chloroethane), coupled with the Gene-Trac[®] results from April 2025, continue to provide supportive evidence for the attenuation of TCE and 1,1,1-TCA, and their degradation products, via in-situ reductive dechlorination and in situ chemical reduction.
10. The location with the highest historical concentrations of constituents of concern (MW-16S) has a TOC concentration above 20 mg/L, the minimum rule-of-thumb TOC concentration required to maintain ERD. At a TOC concentration of 299 mg/L, there is currently enough TOC in the shallow overburden groundwater in the vicinity of this well as a result of the March through July 2023 electron donor injection to continue to support robust ERD.

11. Additional time is required to evaluate and understand the impact of the electron donor injection program that was initiated in March 2023 and was completed in July 2023 to treat chlorinated VOCs in Site groundwater.

6.2 Recommendations

Based on information gathered during the current reporting period, the following recommendations are proposed for the Site:

1. Clean and/or replace the manifold for the combined DPE system that has become fouled with lime buildup, prior to the next comprehensive groundwater sampling event in April 2026.
2. Redevelop the DPE wells with acid to remove excessive lime buildup prior to the next comprehensive groundwater sampling event in April 2026.
3. Flush the DPE conveyance piping with acid to remove excessive lime buildup prior to the next comprehensive groundwater sampling event in April 2026.
4. Continue to sample active DPE wells and the GWCT for VOCs and TOC.
5. Continue to perform O&M activities as listed in **Table 15**.
6. Perform three targeted quarterly groundwater sampling events and one comprehensive groundwater sampling event during the next reporting period.
7. Continue to monitor the performance of the September 2021 bioaugmentation injection program by performing semi-annual (i.e., October 2025 and April 2026) MNA sampling at MW-4, MW-8R, MW-11, MW-13S, MW-16S, and MW-16D.
8. Continue the VFA sample collection and analysis for MW-8R and MW-16S on a semi-annual frequency (i.e., October 2025 and April 2026).
9. Continue the Gene-Trac[®] sample collection and analysis for MW-16S on a semi-annual frequency (i.e., include the analysis in October 2025 and April 2026).
10. Continue evaluation and optimization of GSR initiatives associated with DER-31 (NYSDEC DER-31, May 2011) and associated November 2023 DER-31 Green and Sustainable Remediation Initiative memorandum.

6.3 Proposed Monitoring and Compliance Sampling Schedule

The proposed schedule for groundwater sampling at the Site during the next reporting period is presented in **Table 15**. As shown in **Table 15**, three perimeter wells (MW-2, MW-3, and MW-11), six historic source area wells (MW-4, MW-8R, MW-13S, MW-13D, MW-16S, and MW-16D), eight DPE wells (DPE-1, DPE-2, DPE-3, DPE-4, DPE-5, DPE-6, DPE-7, and DPE-8), and the GWCT will be sampled during the next three targeted quarterly events (July 2025, October 2025, and January 2026) for the next reporting period. The comprehensive groundwater monitoring event scheduled for April 2026 is planned to include all 14 Site monitoring wells and nested piezometers, the DPE wells (DPE-1, DPE-2, DPE-3, DPE-4, DPE-5, DPE-6, DPE-7, and DPE-8), and the GWCT.

Prior to each collection of groundwater samples, a complete round of water level measurements will be conducted. Groundwater samples will be analyzed for VOCs using USEPA SW-846 Method 8260C. Quality assurance/quality control samples will only include VOC trip blanks. Laboratory batch quality control will be included with each completed data package.

If the DPE system remains in operation, quarterly air samples from the AS unit and LRP vapor effluent sampling ports will be collected to ensure compliance with the NYSDEC exhaust mass-loading rate guidance of 0.5 lb/hr of VOCs. Quarterly vapor effluent air samples will be collected from the LRP when on-line to determine the mass of VOCs removed by the DPE system as a vapor. The samples will be analyzed for VOCs utilizing USEPA Compendium Method TO-15.

Quarterly aqueous samples from the discharge to the sanitary sewer will be collected as specified in the current BSA EC/BPDES discharge permit. If the AS unit is in operation, influent samples will be collected to determine the treatment efficiency of the AS unit. Effluent samples will be analyzed for VOCs, TEH, TSS, and pH as specified in the current permit. **Table 16** provides a summary of the proposed monitoring and compliance sampling activities during the next reporting period. In the event any effluent permit monitoring requirements change, notification of these changes will be given to the NYSDEC in a future quarterly groundwater monitoring summary report.

The next PRR (twenty first comprehensive report since DPE system startup in May 2004) for the combined DPE remediation system will be prepared following the receipt of laboratory analytical results for the April 2026 comprehensive groundwater sampling event and will cover the period of April 2025 through April 2026.

7. Evaluate Remedy Performance, Effectiveness, and Protectiveness

7.1 Institutional Controls and Engineering Controls Certification

An IC/EC certification form was distributed by NYSDEC for this reporting period on May 27, 2025; AECOM verified that the institutional and engineering controls listed below are being implemented and are in compliance with the May 27, 2025 IC/EC certification form.

Institutional controls include:

1. Monitoring Plan
2. O&M Plan

Engineering controls include:

1. Groundwater Treatment System
2. Vapor Mitigation
3. Cover System
4. Groundwater Containment

As a component of the PRR requirement, **Appendix F** includes the completed IC/EC certification.

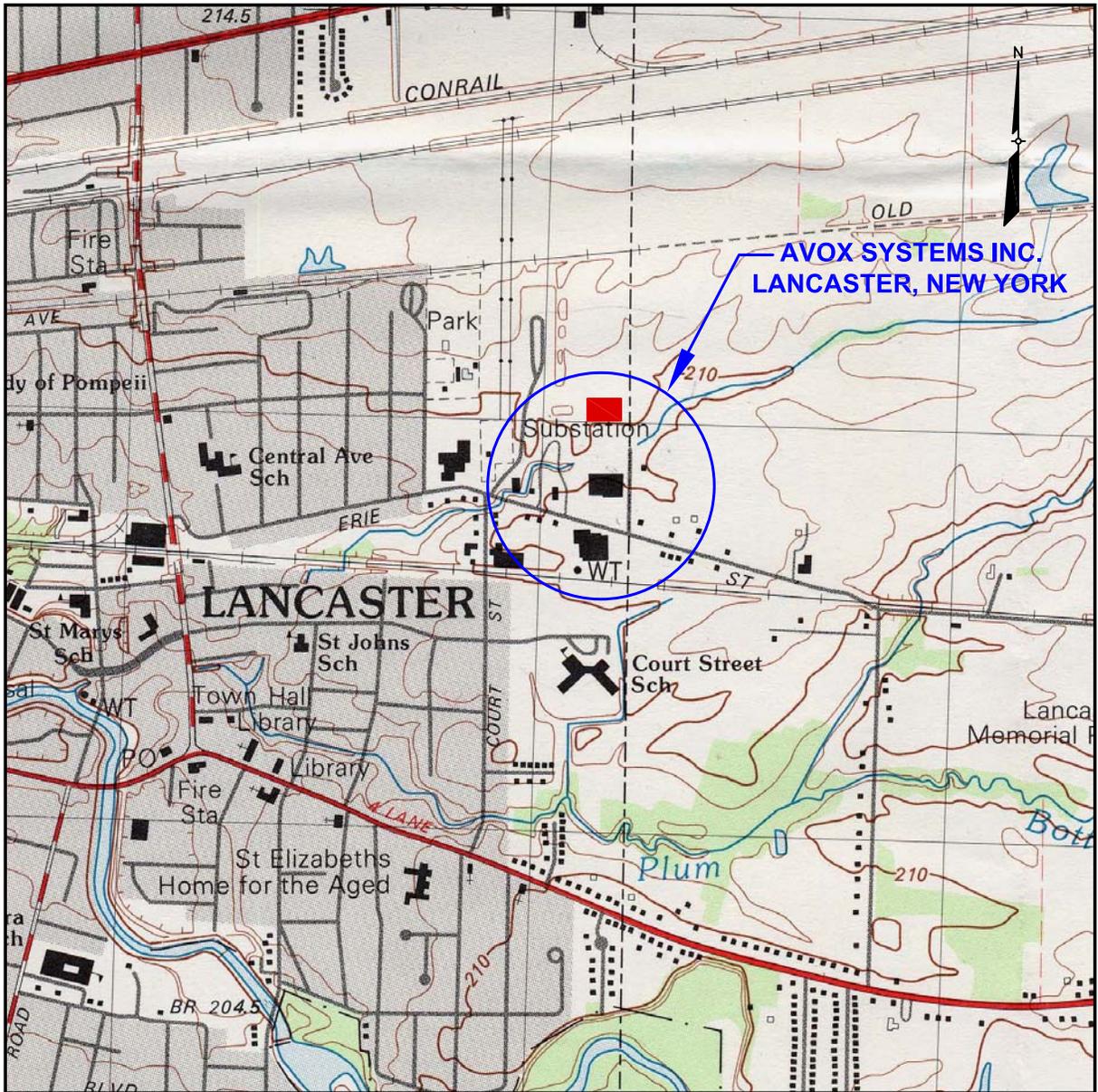
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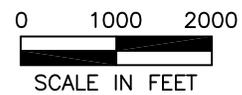
Figures



SOURCE:
 1982 GEOLOGIC SURVEY 7.5 X 15 MINUTE TOPOGRAPHIC QUADRANGLE
 LANCASTER, NEW YORK

LEGEND

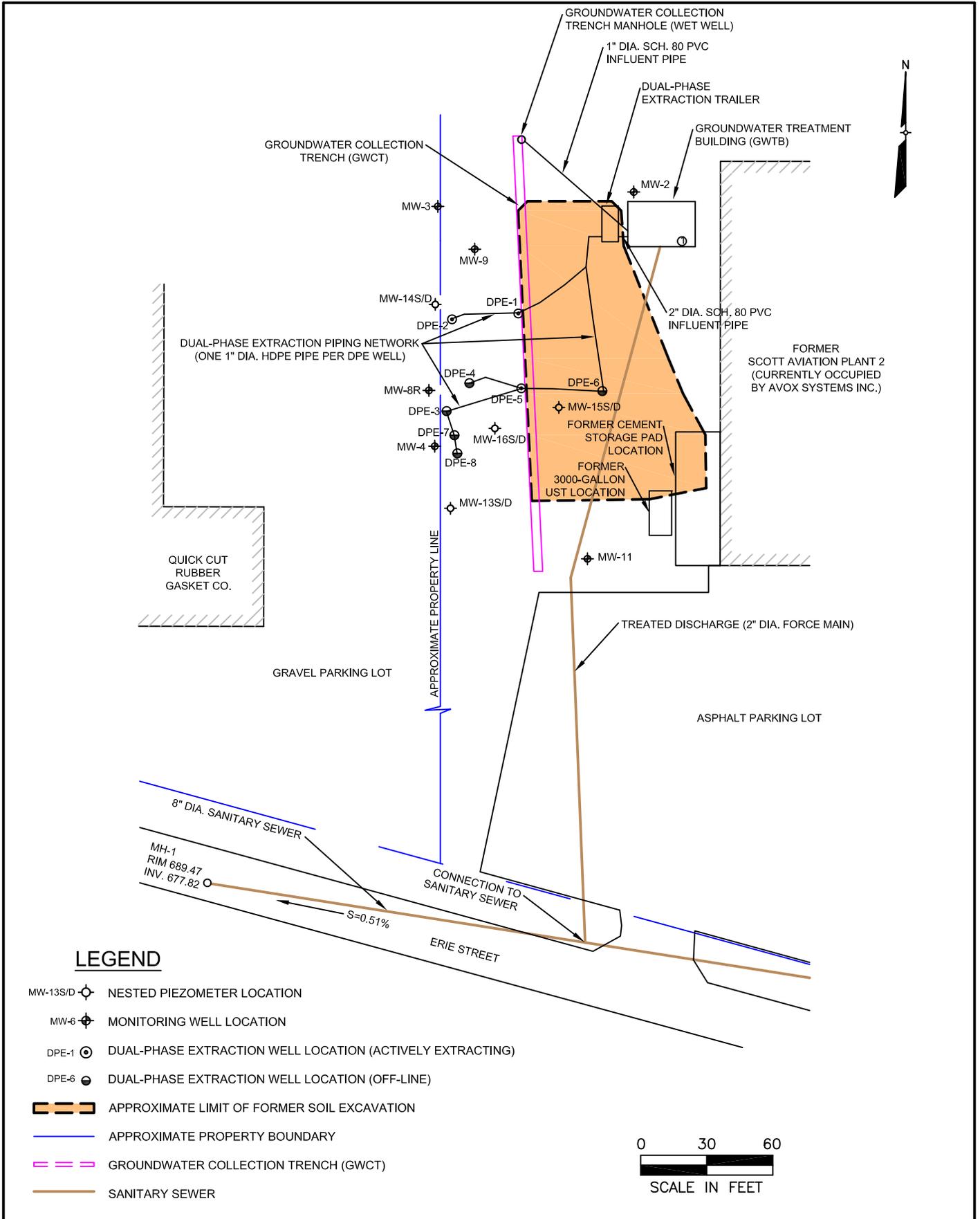
 AVOX PLANT 3 ADDED AFTER PUBLICATION OF LANCASTER, NEW YORK TOPOGRAPHIC QUADRANGLE.



AECOM

**FIGURE 1
 SITE LOCATION MAP**

FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK



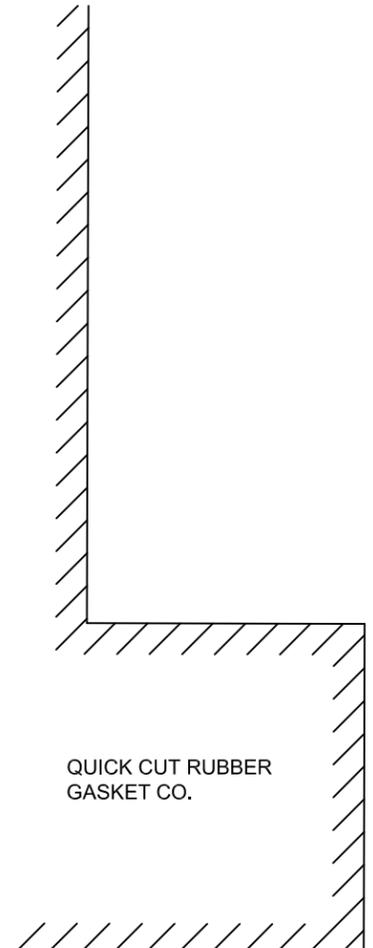
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- MW-13S/D ◊ NESTED PIEZOMETER LOCATION
- MW-6 ◊ MONITORING WELL LOCATION
- DPE-1 ⊙ DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)
- DPE-6 ⊙ DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
- APPROXIMATE LIMIT OF FORMER SOIL EXCAVATION
- - - APPROXIMATE PROPERTY BOUNDARY
- - - GROUNDWATER COLLECTION TRENCH (GWCT)
- SANITARY SEWER

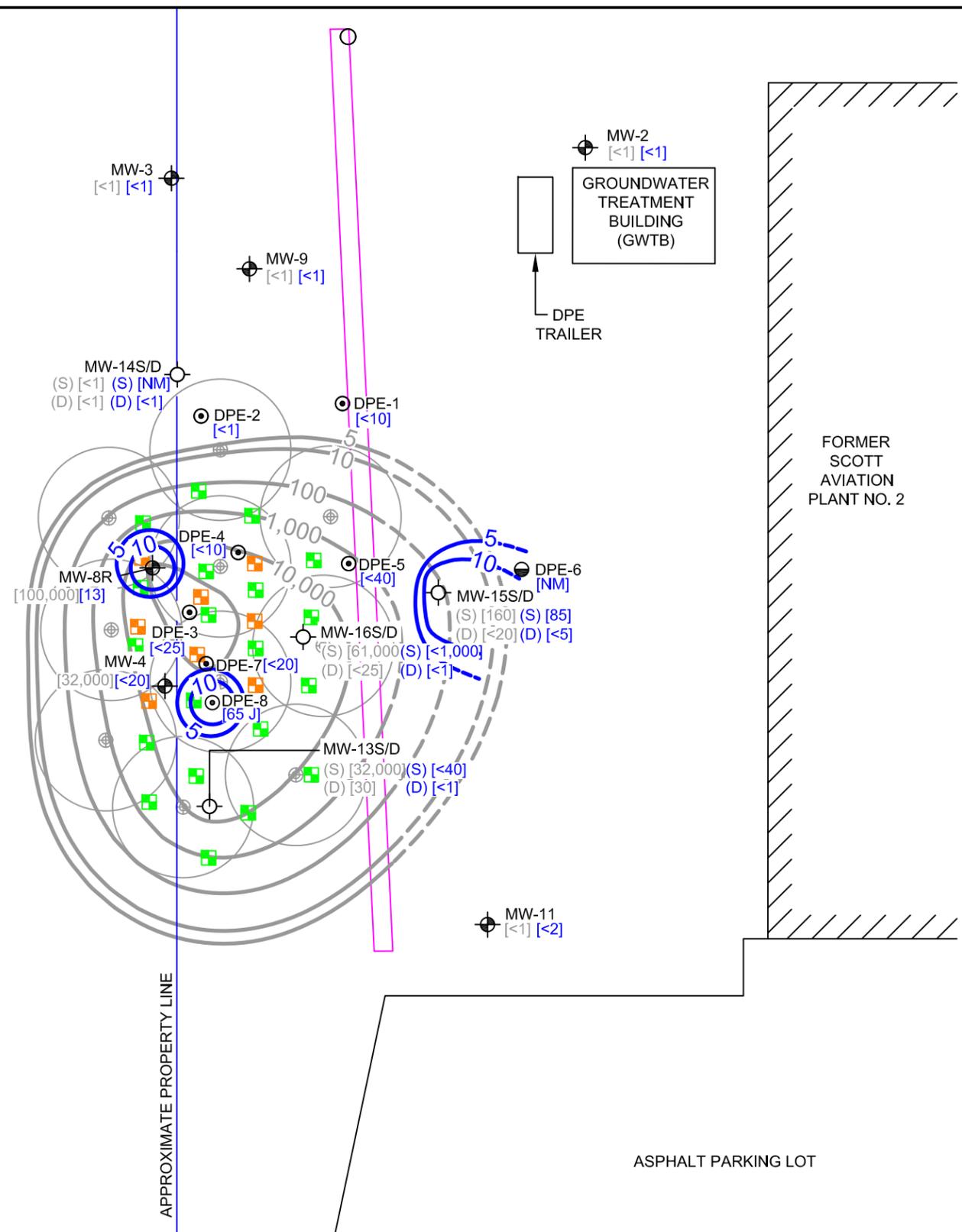


FIGURE 2
WEST OF PLANT 2 SITE FEATURES MAP

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK



GRAVEL PARKING LOT



LEGEND

- MW-9 MONITORING WELL LOCATION
- MW-13S/D NESTED PIEZOMETER LOCATION
- DPE-1 DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)
- DPE-6 DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
- NOVEMBER 2014 INJECTION POINTS (ABC+)
- MAY 2015 INJECTION POINTS (ABC+)
- OCT2010/OCT2011 INJECTION POINTS (PERSULFATE)
- [85] TRICHLOROETHENE CONCENTRATION (µg/L) (APRIL 2018)
- 10 TRICHLOROETHENE ISOCONCENTRATION CONTOUR (µg/L) (APRIL 2018)
- 5 REMEDIAL ACTION OBJECTIVE FOR TRICHLOROETHENE (µg/L) (APRIL 2018)
- [160] TRICHLOROETHENE CONCENTRATION (µg/L) (APRIL 2014)
- 10 TRICHLOROETHENE ISOCONCENTRATION CONTOUR (µg/L) (APRIL 2014)
- 5 REMEDIAL ACTION OBJECTIVE FOR TRICHLOROETHENE (µg/L) (APRIL 2014)
- < BELOW REPORTING LIMIT
- (S) SHALLOW PIEZOMETER
- (D) DEEP PIEZOMETER
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY
- J RESULT IS LESS THAN THE RL BUT GREATER THAN OR EQUAL TO THE MDL AND THE CONCENTRATION IS AN APPROXIMATE VALUE
- D COMPOUND ANALYZED AT A DILUTION
- NM NOT MEASURED

NOTE

1. THE HIGHEST CONCENTRATION OF TCE WAS USED AT PIEZOMETER PAIR LOCATIONS TO GENERATE ISOCONCENTRATION CONTOURS.

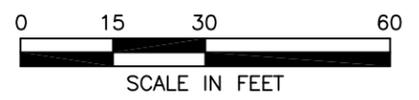
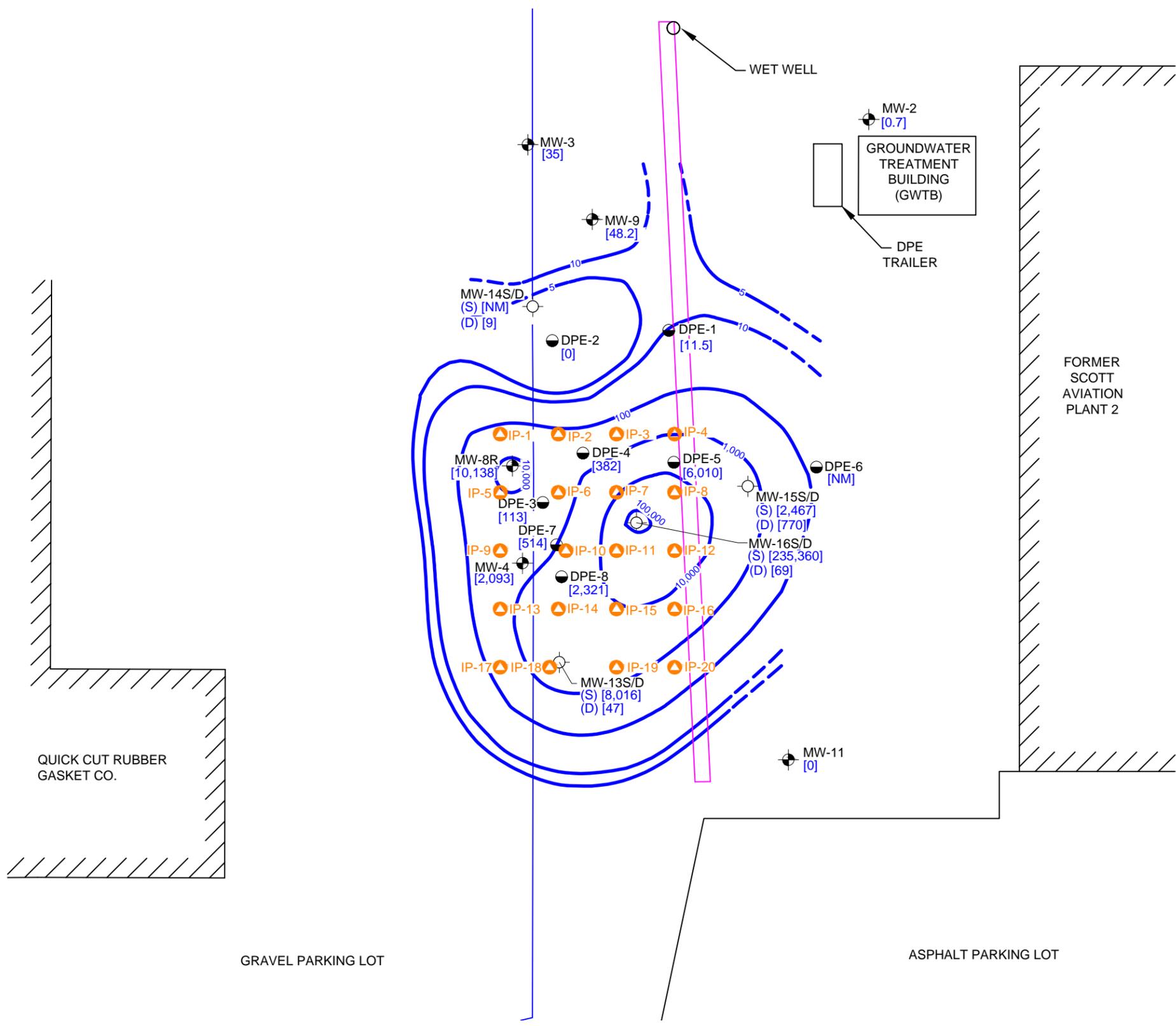


FIGURE 3
LOCATION OF PREVIOUS INJECTION POINTS

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK



LEGEND

- IP-1 ▲ INJECTION LOCATION
- MW-13S/D ○ NESTED PIEZOMETER LOCATION
- MW-9 ● MONITORING WELL LOCATION
- DPE-6 ● DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
- [69] TOTAL VOC CONCENTRATION (µg/L) (OCTOBER 2018)
- 10 — TOTAL VOC CONTOUR (DASHED WHERE INFERRED)
- (S) SHALLOW PIEZOMETER
- (D) DEEP PIEZOMETER
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY
- NM NOT MEASURED

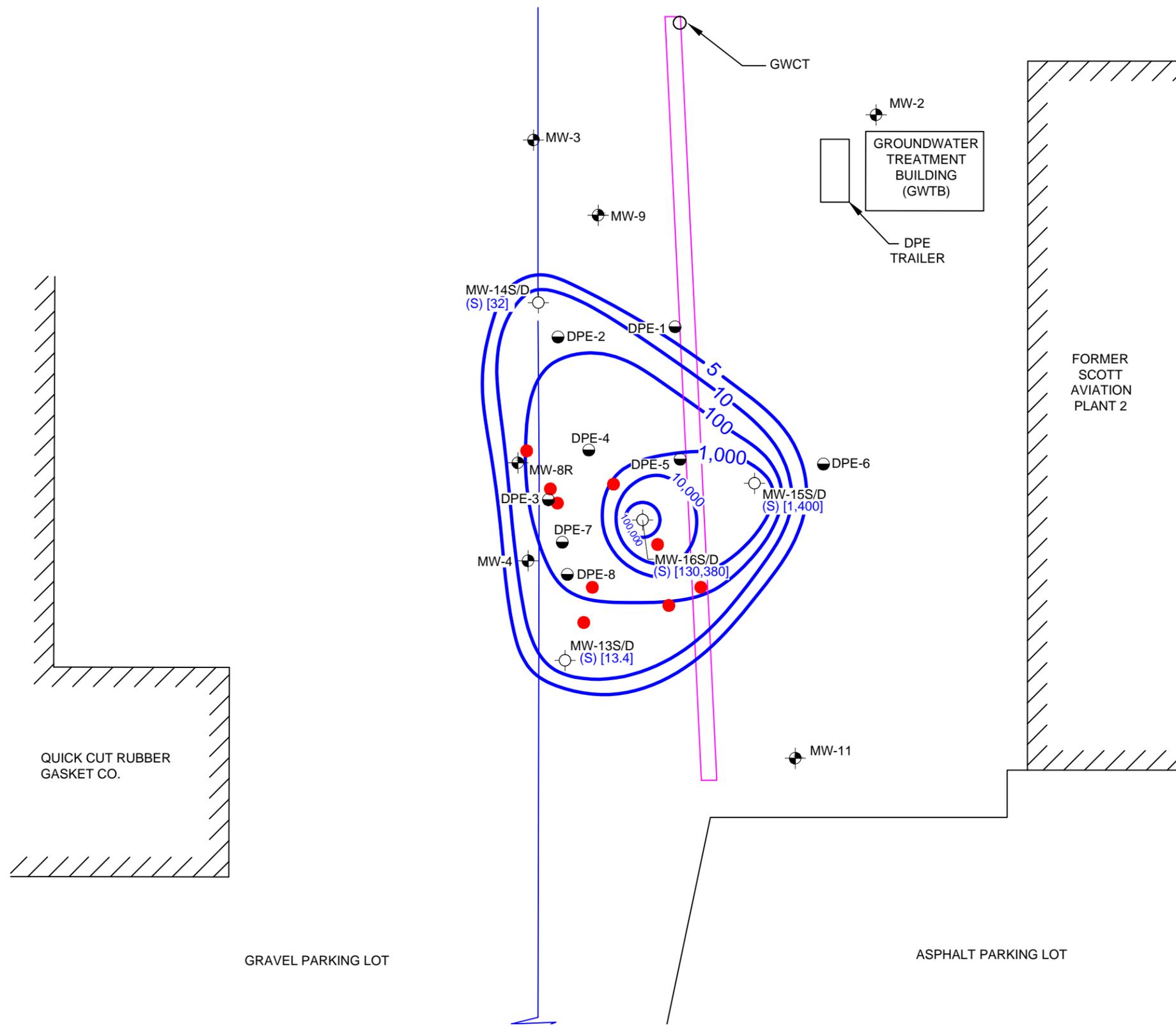
NOTE

1. TOTAL VOC FROM THE SHALLOW PIEZOMETER PAIR LOCATIONS (i.e. MW-13S, MW-15S, MW-16S) WERE USED TO CREATE THE TOTAL VOC CONTOURS.



FIGURE 4
NOVEMBER 2018 INJECTION POINTS

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK



LEGEND

- BIOAUGMENTATION INJECTION LOCATION
- NESTED PIEZOMETER LOCATION
- MONITORING WELL LOCATION
- DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
- [13.4] TOTAL VOC CONCENTRATION (µg/L)
- 10 — TOTAL VOC CONTOUR
- (S) SHALLOW PIEZOMETER
- (D) DEEP PIEZOMETER
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY

NOTES

1. GROUNDWATER DATA IS FROM APRIL 2021.
2. TOTAL VOC FROM THE SHALLOW PIEZOMETER PAIR LOCATIONS (i.e. MW-13S, MW-15S, MW-16S) WERE USED TO CREATE THE TOTAL VOC CONTOURS.
3. PROPOSED VFA SAMPLES TO BE COLLECTED AT MW-8R AND MW-16S.
4. PROPOSED GENE-TRAC SAMPLE TO BE COLLECTED AT MW-16S.
5. SHALLOW/DEEP OVERBURDEN GROUNDWATER FLOW IS TO THE NORTHWEST.

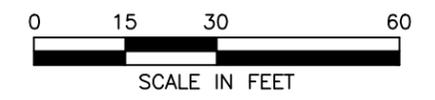


FIGURE 5
 SEPTEMBER 2021 BIOAUGMENTATION INJECTION POINTS
 FORMER SCOTT AVIATION FACILITY LANCASTER, NEW YORK

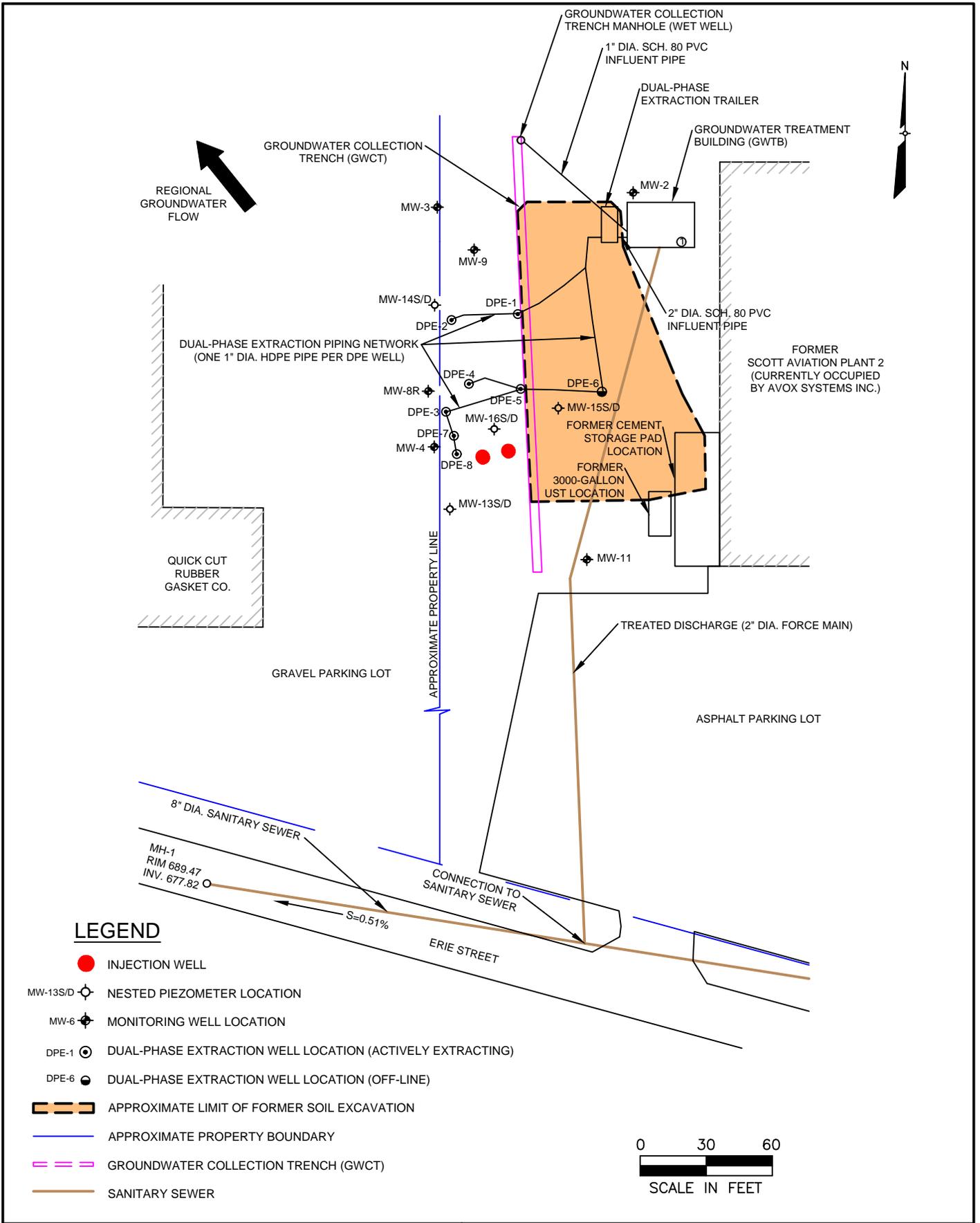
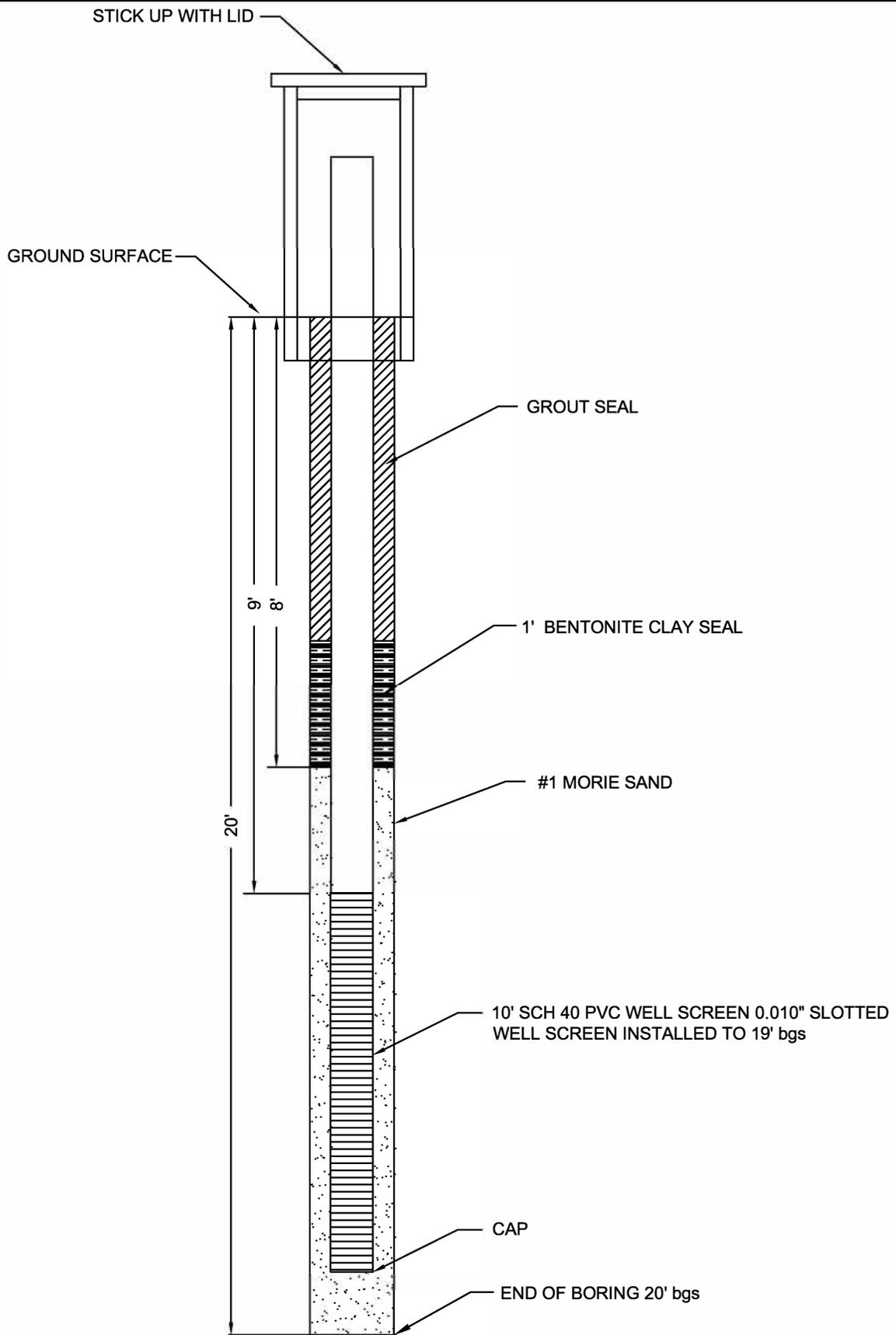


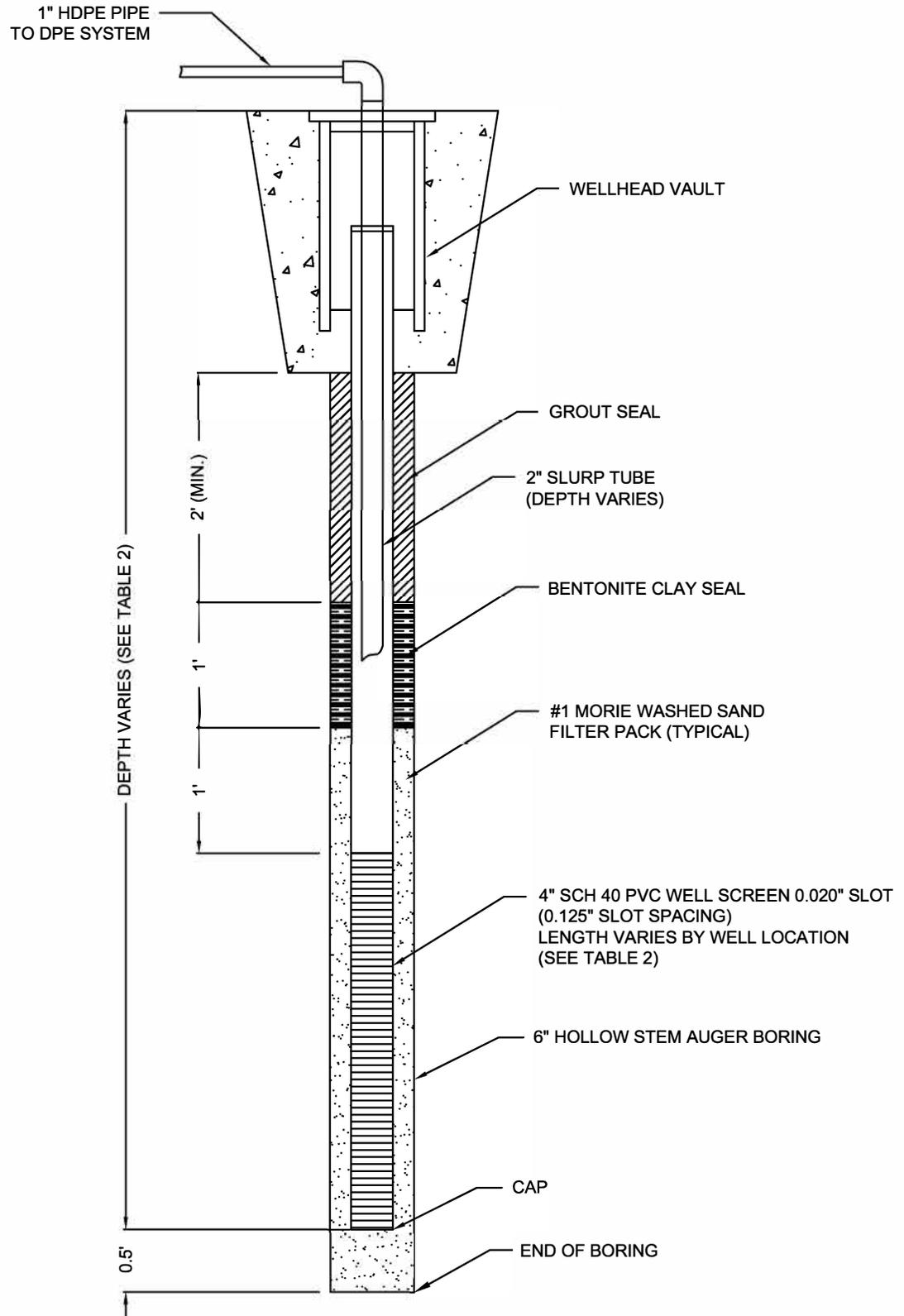
FIGURE 6
WEST OF PLANT 2 SITE ELECTRON DONOR
INJECTION WELL LOCATIONS
FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK



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**FIGURE 7
TYPICAL INJECTION WELL
CONSTRUCTION DIAGRAM**

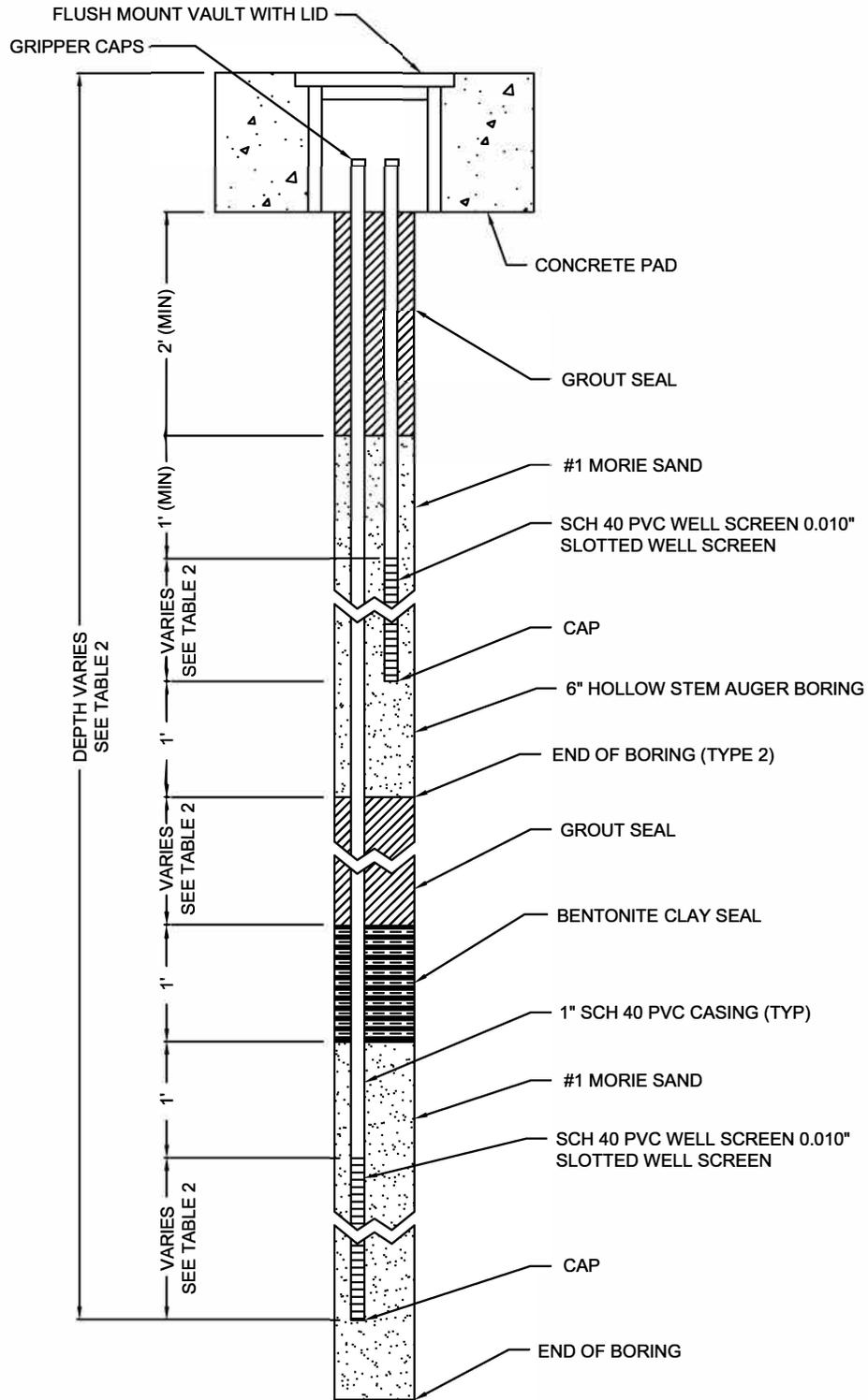
FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK



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FIGURE 8
TYPICAL DUAL PHASE EXTRACTION RECOVERY
WELL CONSTRUCTION DIAGRAM

FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK



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FIGURE 9
TYPICAL NESTED PIEZOMETER
CONSTRUCTION DIAGRAM

FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK

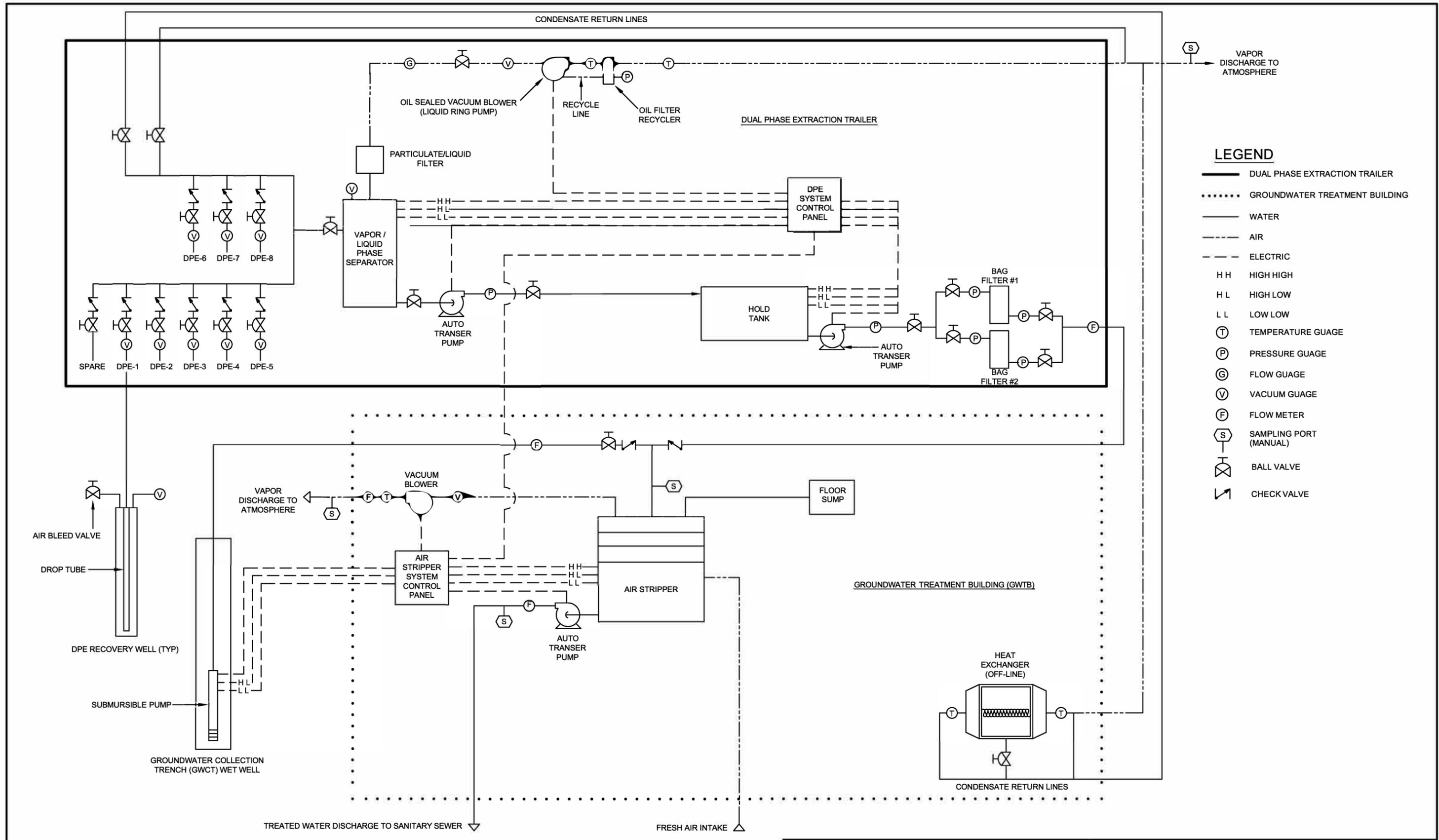


FIGURE 10
PROCESS AND INSTRUMENTATION DIAGRAM
FOR COMBINED DUAL PHASE EXTRACTION
REMEDATION SYSTEM
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK

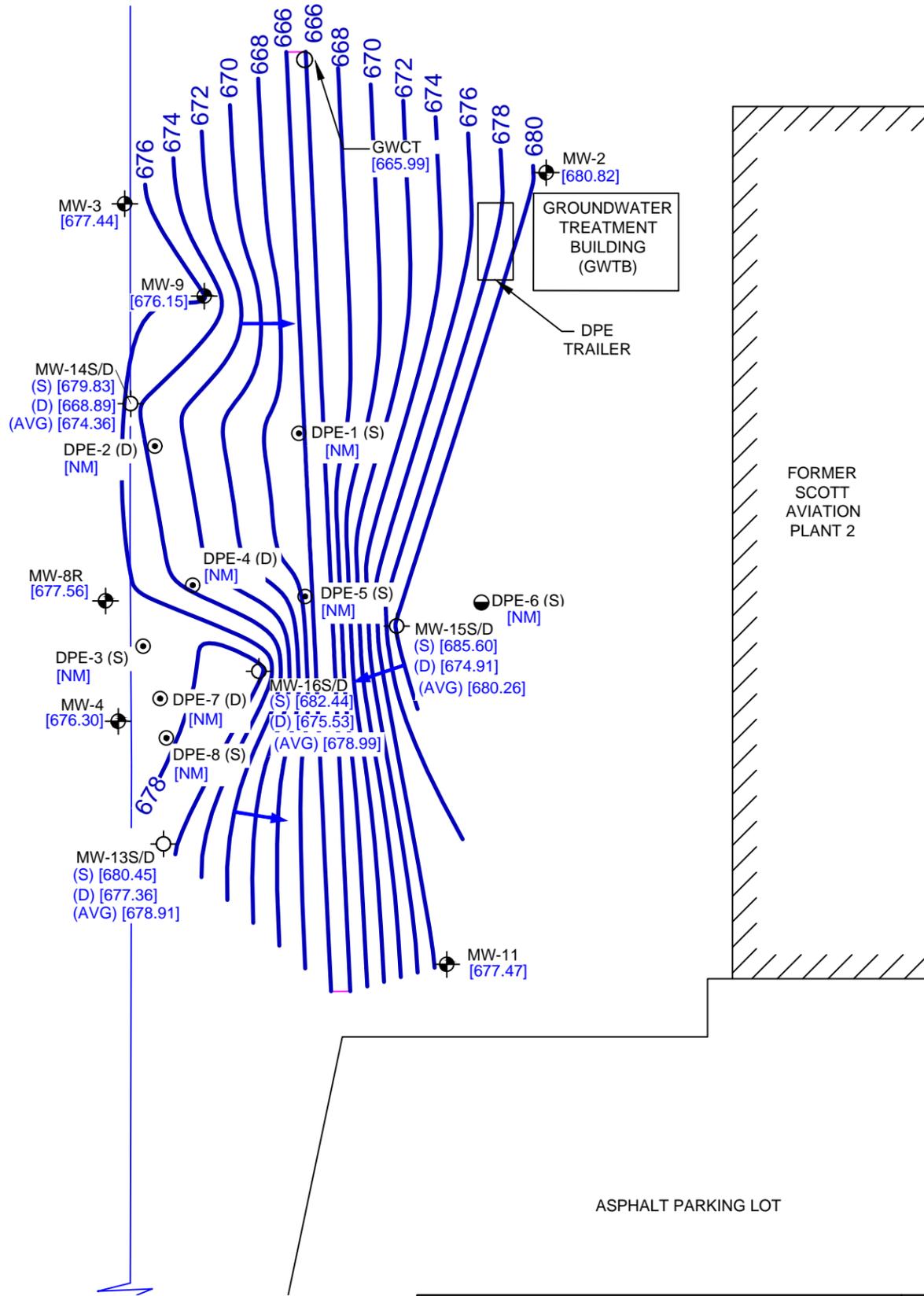
Groundwater Monitoring Water Level Data - January 14, 2025
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Monitoring Point Identification	Top of Casing Elevation (feet AMSL)	Depth to Water (feet from TOC)	Groundwater Elevation (feet AMSL)
Monitoring Wells			
MW-2	687.10	6.28	680.82
MW-3	687.05	9.61	677.44
MW-4	686.50	10.20	676.30
MW-8R	686.29	8.73	677.56
MW-9	689.57	13.42	676.15
MW-11	688.61	11.14	677.47
Nested Piezometers			
MW-13S	686.65	6.20	680.45
MW-13D	686.78	9.42	677.36
MW-14S	685.74	5.91	679.83
MW-14D	685.88	16.99	668.89
MW-15S	688.03*	2.43	685.60
MW-15D	688.03*	13.12	674.91
MW-16S	688.15	5.71	682.44
MW-16D	688.16	12.63	675.53
Remedial System			
GWCT Manhole (rim)	687.22	21.23	665.99

Notes:
 TOC - Top of Casing
 AMSL - Above Mean Sea Level
 NM - Not Measured
 GWCT - Groundwater Collection Trench
 GWCT is 200 feet long with a 0.01 foot/foot slope to the manhole
 GWCT and DPE remedial systems running during collection of groundwater elevations
 * - Ground elevation used instead of casing elevation to calculate groundwater elevation



GRAVEL PARKING LOT



FORMER SCOTT AVIATION PLANT 2

ASPHALT PARKING LOT

LEGEND

- MW-13S/D NESTED PIEZOMETER LOCATION
- MW-9 MONITORING WELL LOCATION
- DPE-1 DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)
- DPE-6 DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
- [680.82] GROUNDWATER SURFACE ELEVATION IN FEET AMSL
- 678 ESTIMATED GROUNDWATER SURFACE CONTOUR IN FEET AMSL
- GROUNDWATER FLOW DIRECTION
- (S) SHALLOW PIEZOMETER/DPE
- (D) DEEP PIEZOMETER/DPE
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY

- NOTES**
- GROUNDWATER ELEVATIONS WERE AVERAGED AT SHALLOW AND DEEP PIEZOMETER PAIR LOCATIONS (e.g. MW-15S/D) TO COMPARE TO ELEVATIONS MEASURED IN WELLS SCREENED ACROSS THE ENTIRE OVERBURDEN THICKNESS.
 - GROUNDWATER WATER LEVELS WERE COLLECTED ON JANUARY 14, 2025.



FIGURE 11
AVERAGE GROUNDWATER ELEVATIONS
JANUARY 14, 2025

FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK

Groundwater Monitoring Water Level Data - January 14, 2025
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Monitoring Point Identification	Top of Casing Elevation (feet AMSL)	Depth to Water (feet from TOC)	Groundwater Elevation (feet AMSL)
Monitoring Wells			
MW-2	687.10	6.28	680.82
MW-3	687.05	9.61	677.44
MW-4	686.50	10.20	676.30
MW-8R	686.29	8.73	677.56
MW-9	689.57	13.42	676.15
MW-11	688.61	11.14	677.47
Nested Piezometers			
MW-13S	686.65	6.20	680.45
MW-13D	686.78	9.42	677.36
MW-14S	685.74	5.91	679.83
MW-14D	685.88	16.99	668.89
MW-15S	688.03*	2.43	685.60
MW-15D	688.03*	13.12	674.91
MW-16S	688.15	5.71	682.44
MW-16D	688.16	12.63	675.53

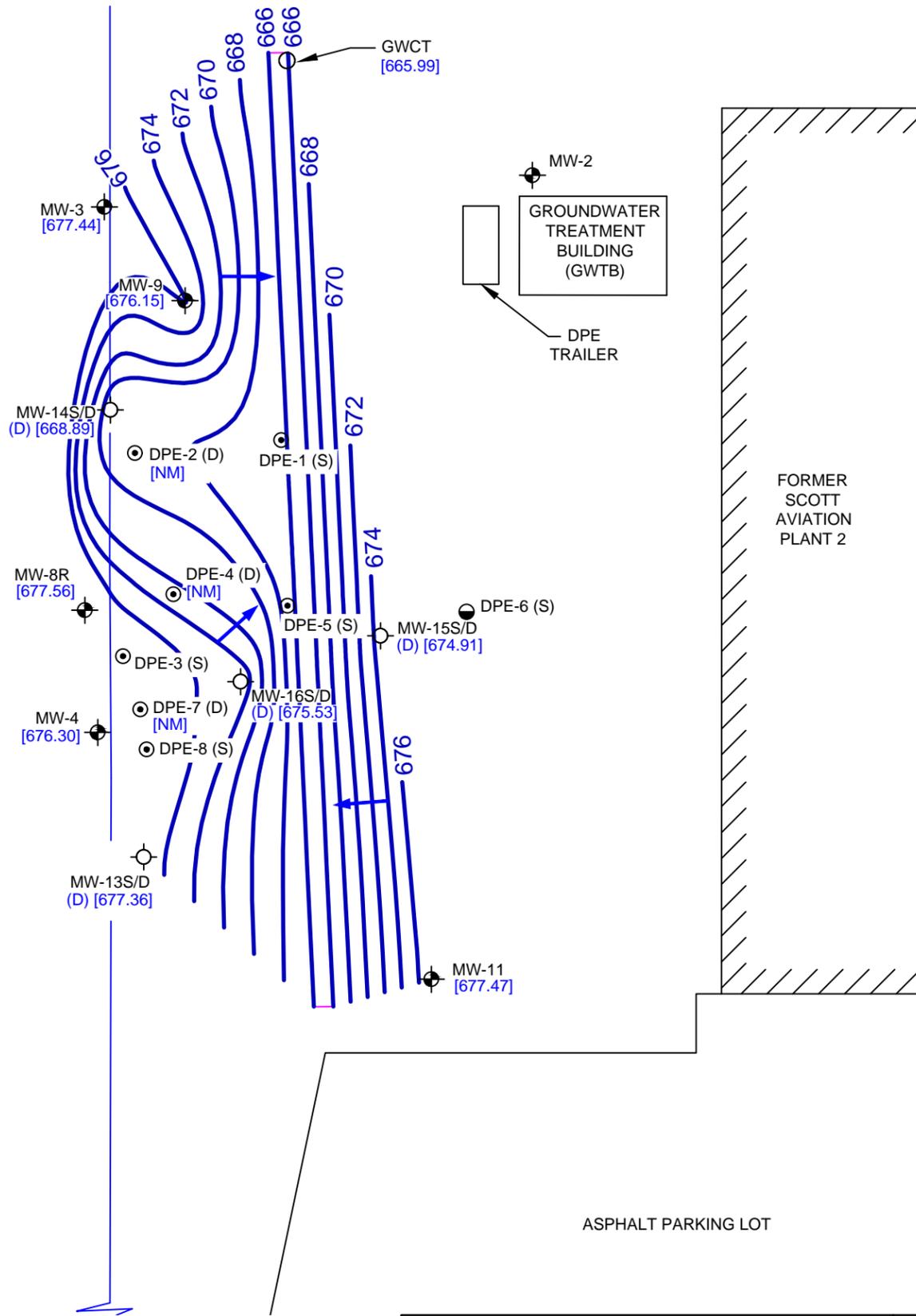
Remedial System			
GWCT Manhole (rim)	687.22	21.23	665.99

Notes:
 TOC - Top of Casing
 AMSL - Above Mean Sea Level
 NM - Not Measured
 GWCT - Groundwater Collection Trench
 GWCT is 200 feet long with a 0.01 foot/foot slope to the manhole
 GWCT and DPE remedial systems running during collection of groundwater elevations
 * - Ground elevation used instead of casing elevation to calculate groundwater elevation



GRAVEL PARKING LOT

ASPHALT PARKING LOT



LEGEND

- MW-13S/D NESTED PIEZOMETER LOCATION
- MW-9 MONITORING WELL LOCATION
- DPE-1 DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)
- DPE-6 DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
- [677.44] GROUNDWATER SURFACE ELEVATION IN FEET AMSL
- 678 ESTIMATED GROUNDWATER SURFACE CONTOUR IN FEET AMSL
- GROUNDWATER FLOW DIRECTION
- (S) SHALLOW PIEZOMETER/DPE
- (D) DEEP PIEZOMETER/DPE
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY

NOTE

1. GROUNDWATER WATER LEVELS WERE COLLECTED ON JANUARY 14, 2025.

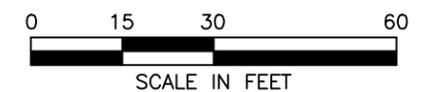
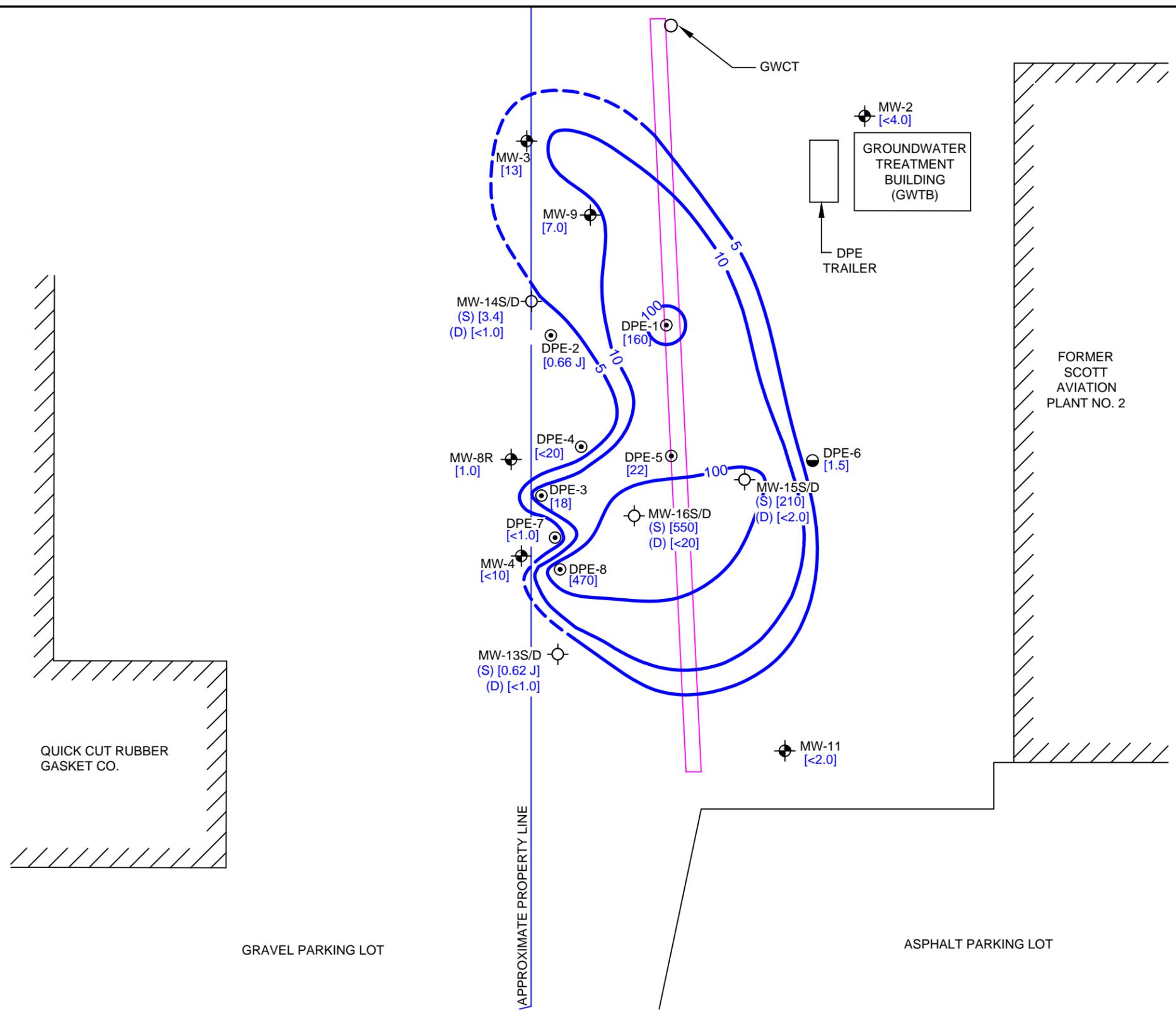


FIGURE 12
DEEP GROUNDWATER ELEVATIONS
JANUARY 14, 2025

FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK



LEGEND

- MW-9 MONITORING WELL LOCATION
- MW-13S/D NESTED PIEZOMETER LOCATION
- DPE-6 DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
- DPE-1 DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)
- [13] 1,1-DICHLOROETHANE CONCENTRATION (µg/L)
- 10 1,1-DICHLOROETHANE ISOCONCENTRATION CONTOUR (µg/L) (DASHED WHERE INFERRED)
- < BELOW REPORTING LIMIT
- (S) SHALLOW PIEZOMETER
- (D) DEEP PIEZOMETER
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY
- J RESULT IS LESS THAN THE RL BUT GREATER THAN OR EQUAL TO THE MDL AND THE CONCENTRATION IS AN APPROXIMATE VALUE

NOTE

1. THE HIGHEST CONCENTRATION OF 1,1-DICHLOROETHANE WAS USED AT PIEZOMETER PAIR LOCATIONS TO GENERATE ISOCONCENTRATION CONTOURS.

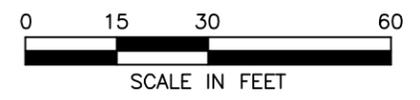
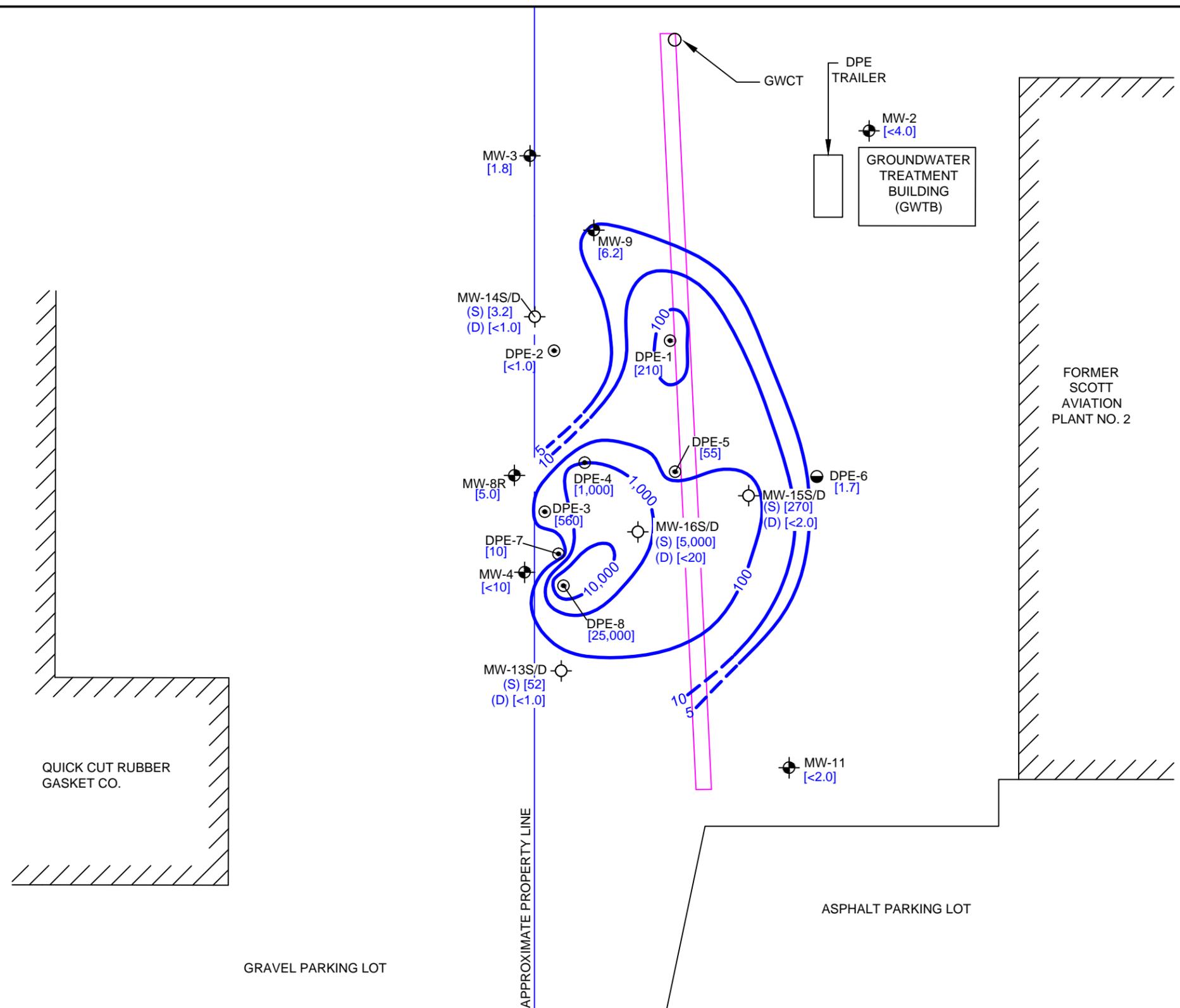


FIGURE 13
1,1-DICHLOROETHANE IN GROUNDWATER
ISOCONCENTRATION CONTOUR MAP
APRIL 2025
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK



LEGEND

- MW-9 MONITORING WELL LOCATION
- MW-13S/D NESTED PIEZOMETER LOCATION
- DPE-6 DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
- DPE-1 DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)
- [1.7] cis-1,2-DICHLOROETHENE CONCENTRATION (µg/L)
- < BELOW REPORTING LIMIT
- (S) SHALLOW PIEZOMETER
- (D) DEEP PIEZOMETER
- 10 cis-1,2-DICHLOROETHENE ISOCONCENTRATION CONTOUR (µg/L) (DASHED WHERE INFERRED)
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY

NOTE

1. THE HIGHEST CONCENTRATION OF cis-1,2-DICHLOROETHENE WAS USED AT PIEZOMETER PAIR LOCATIONS TO GENERATE ISOCONCENTRATION CONTOURS.

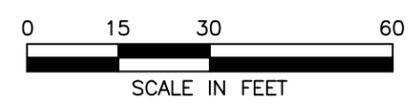
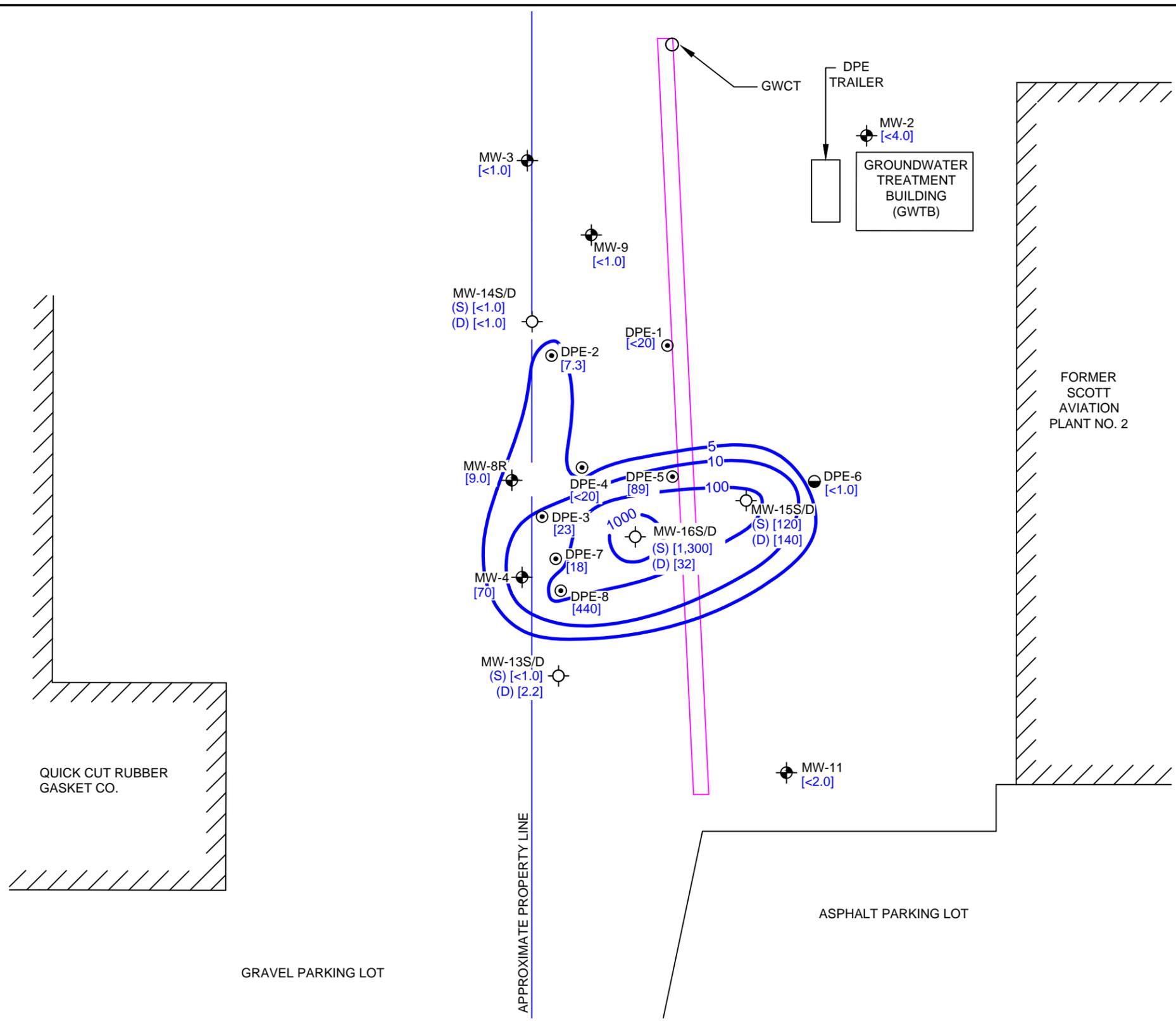


FIGURE 14
 cis-1,2-DICHLOROETHENE IN GROUNDWATER
 ISOCONCENTRATION CONTOUR MAP
 APRIL 2025
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK



LEGEND

- MW-9 MONITORING WELL LOCATION
- MW-13S/D NESTED PIEZOMETER LOCATION
- DPE-6 DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
- DPE-1 DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)
- [89] CHLOROETHANE CONCENTRATION (µg/L)
- 100 CHLOROETHANE ISOCONCENTRATION CONTOUR (µg/L) (DASHED WHERE INFERRED)
- < BELOW REPORTING LIMIT
- (S) SHALLOW PIEZOMETER
- (D) DEEP PIEZOMETER
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY

NOTE

1. THE HIGHEST CONCENTRATION OF CHLOROETHANE WAS USED AT PIEZOMETER PAIR LOCATIONS TO GENERATE ISOCONCENTRATION CONTOURS.

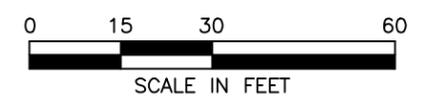
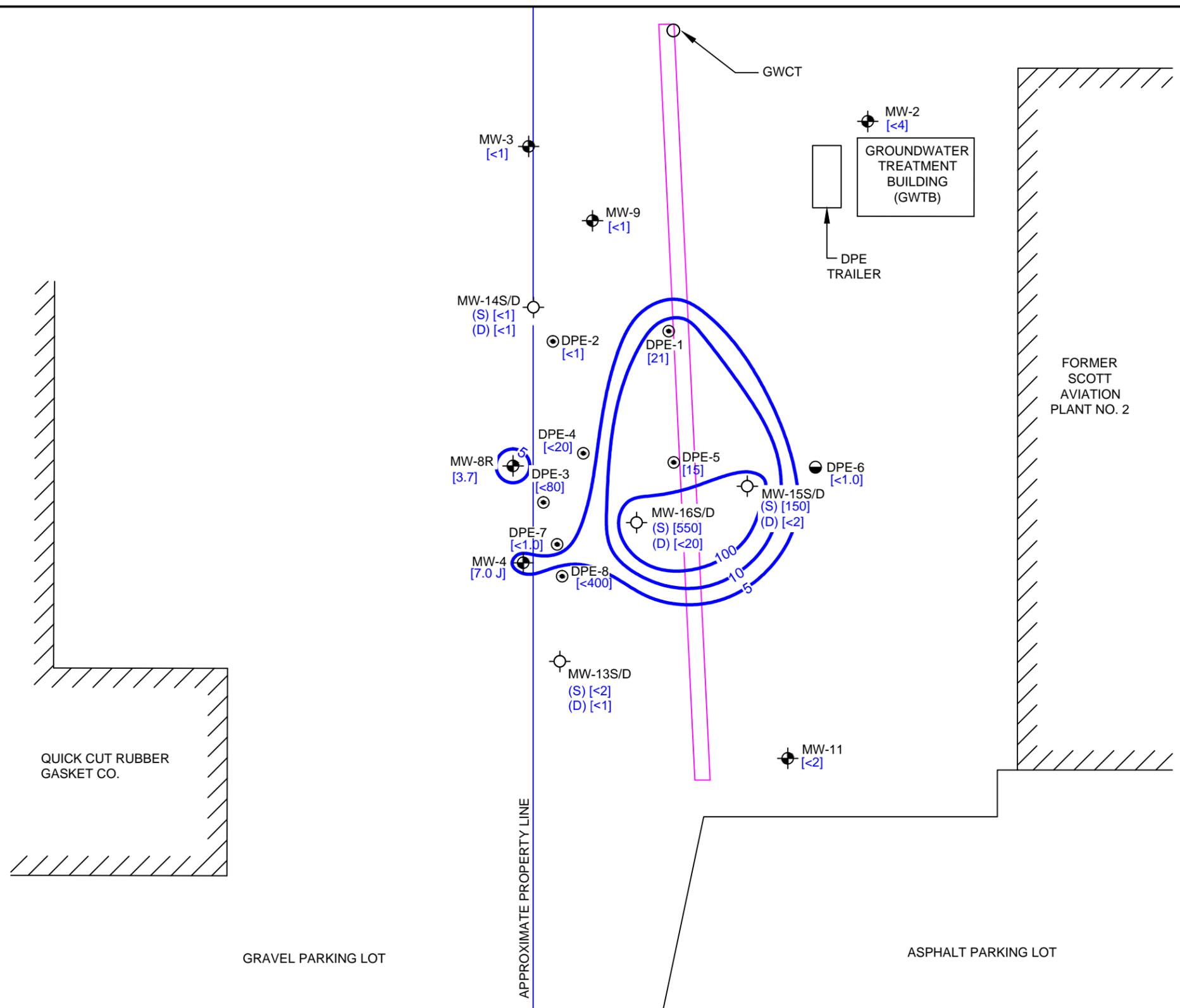


FIGURE 15
CHLOROETHANE IN GROUNDWATER
ISOCONCENTRATION CONTOUR MAP
APRIL 2025
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK



LEGEND

- MW-9 MONITORING WELL LOCATION
- MW-13S/D NESTED PIEZOMETER LOCATION
- DPE-6 DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
- DPE-1 DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)
- [3.7] TOLUENE CONCENTRATION (µg/L)
- 10 TOLUENE ISOCONCENTRATION CONTOUR (µg/L) (DASHED WHERE INFERRED)
- < BELOW REPORTING LIMIT
- (S) SHALLOW PIEZOMETER
- (D) DEEP PIEZOMETER
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY
- J RESULT IS LESS THAN THE RL BUT GREATER THAN OR EQUAL TO THE MDL AND THE CONCENTRATION IS AN APPROXIMATE VALUE

NOTE

1. THE HIGHEST CONCENTRATION OF TOLUENE WAS USED AT PIEZOMETER PAIR LOCATIONS TO GENERATE ISOCONCENTRATION CONTOURS.

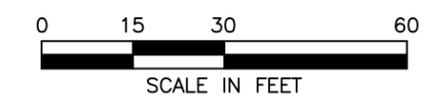
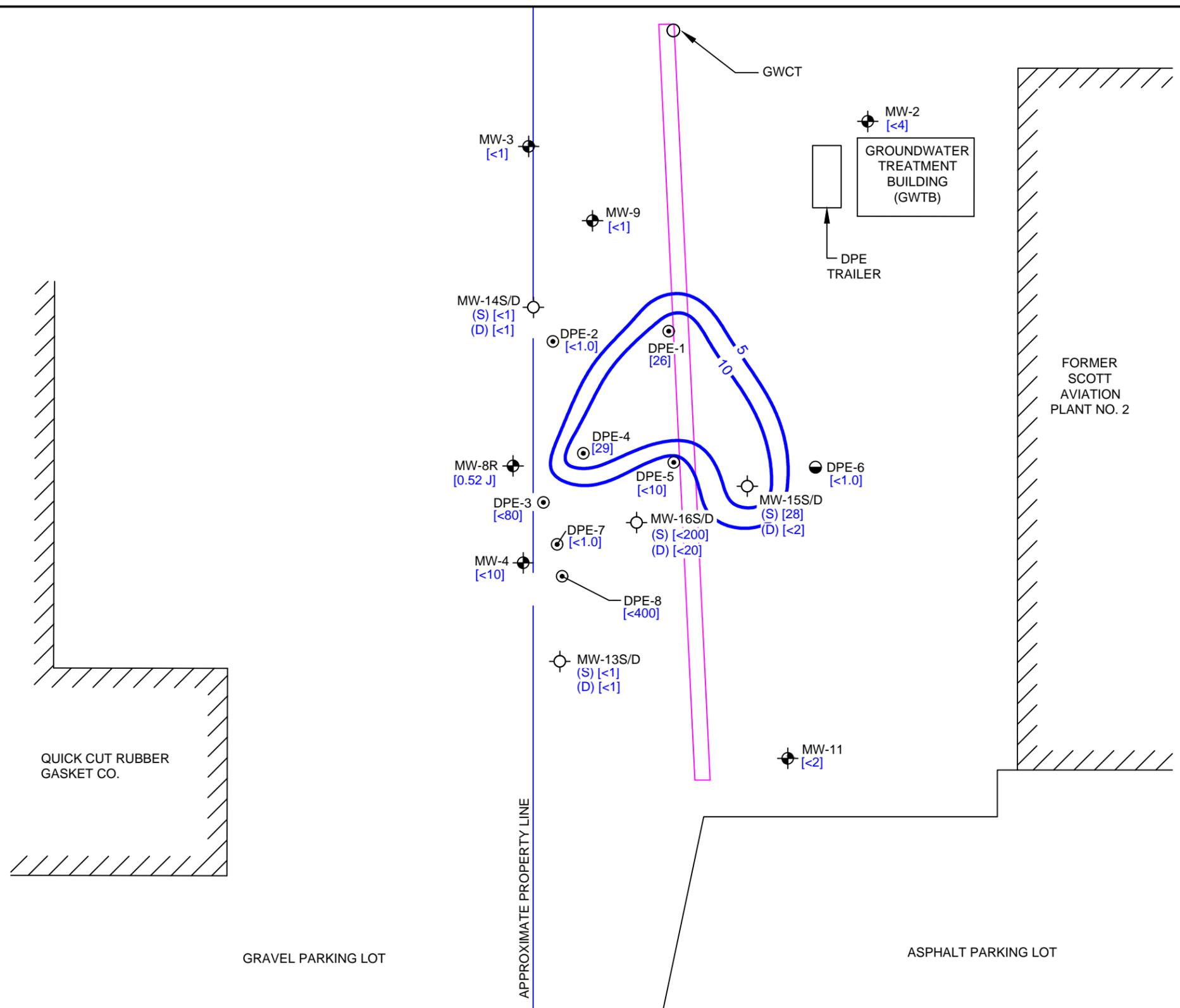


FIGURE 16
TOLUENE IN GROUNDWATER
ISOCONCENTRATION CONTOUR MAP
APRIL 2025
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK



LEGEND

- MW-9 MONITORING WELL LOCATION
- MW-13S/D NESTED PIEZOMETER LOCATION
- DPE-6 DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
- DPE-1 DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)
- [29] TRICHLOROETHENE CONCENTRATION (µg/L)
- 10 TRICHLOROETHENE ISOCONCENTRATION CONTOUR (µg/L)
- < BELOW REPORTING LIMIT
- (S) SHALLOW PIEZOMETER
- (D) DEEP PIEZOMETER
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY

NOTE

1. THE HIGHEST CONCENTRATION OF TCE WAS USED AT PIEZOMETER PAIR LOCATIONS TO GENERATE ISOCONCENTRATION CONTOURS.

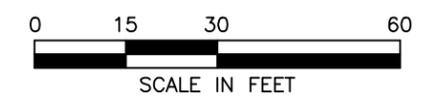
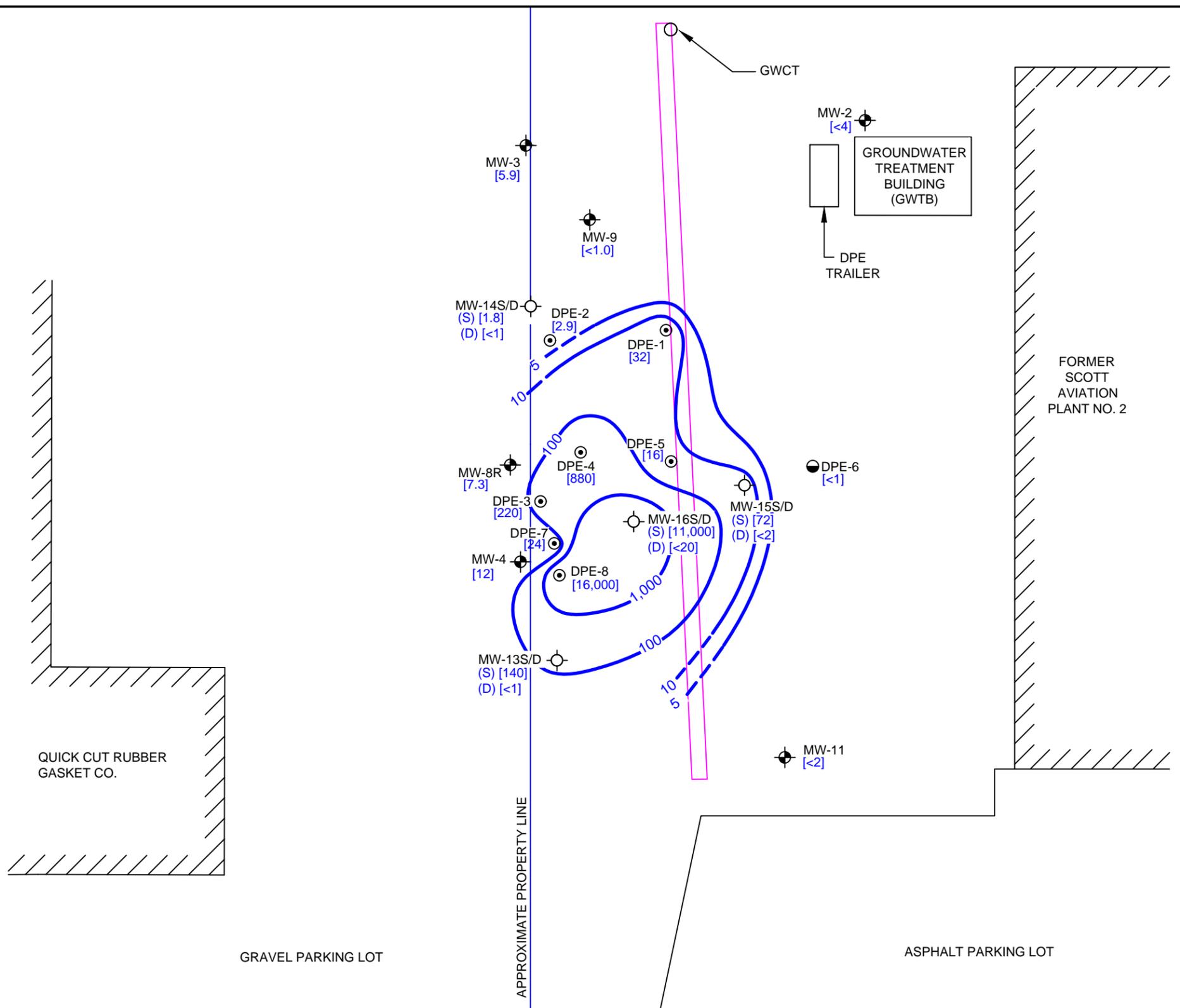


FIGURE 17
TRICHLOROETHENE IN GROUNDWATER
ISOCONCENTRATION CONTOUR MAP
APRIL 2025
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK



LEGEND

- MW-9 MONITORING WELL LOCATION
- MW-13S/D NESTED PIEZOMETER LOCATION
- DPE-6 DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
- DPE-1 DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)
- [36] VINYL CHLORIDE CONCENTRATION (µg/L)
- 10 VINYL CHLORIDE ISOCONCENTRATION CONTOUR (µg/L)
- ISOCONCENTRATION CONTOUR (µg/L) (DASHED WHERE INFERRED)
- < BELOW REPORTING LIMIT
- (S) SHALLOW PIEZOMETER
- (D) DEEP PIEZOMETER
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY

NOTE

1. THE HIGHEST CONCENTRATION OF VINYL CHLORIDE WAS USED AT PIEZOMETER PAIR LOCATIONS TO GENERATE ISOCONCENTRATION CONTOURS.

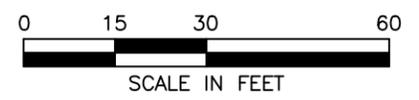
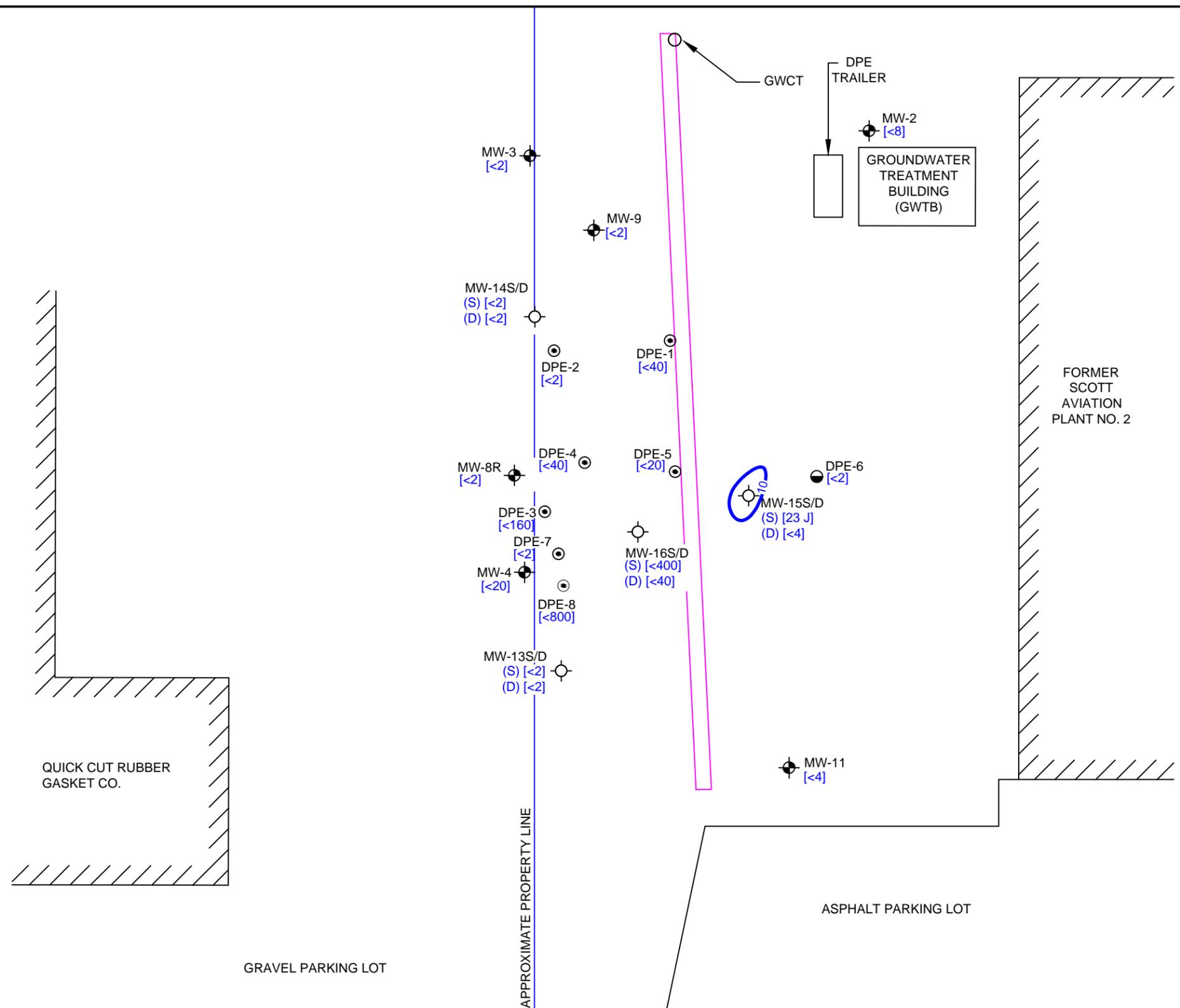


FIGURE 18
VINYL CHLORIDE IN GROUNDWATER
ISOCONCENTRATION CONTOUR MAP
APRIL 2024
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK



LEGEND

- MW-9 MONITORING WELL LOCATION
- MW-13S/D NESTED PIEZOMETER LOCATION
- DPE-6 DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
- DPE-1 DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)
- [23] XYLENES CONCENTRATION (µg/L)
- 10 XYLENES ISOCONCENTRATION CONTOUR (µg/L)
- < BELOW REPORTING LIMIT
- (S) SHALLOW PIEZOMETER
- (D) DEEP PIEZOMETER
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY
- J RESULT IS LESS THAN THE RL BUT GREATER THAN OR EQUAL TO THE MDL AND THE CONCENTRATION IS AN APPROXIMATE VALUE

NOTE

1. THE HIGHEST CONCENTRATION OF XYLENES WAS USED AT PIEZOMETER PAIR LOCATIONS TO GENERATE ISOCONCENTRATION CONTOURS.

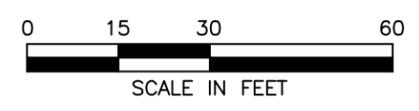
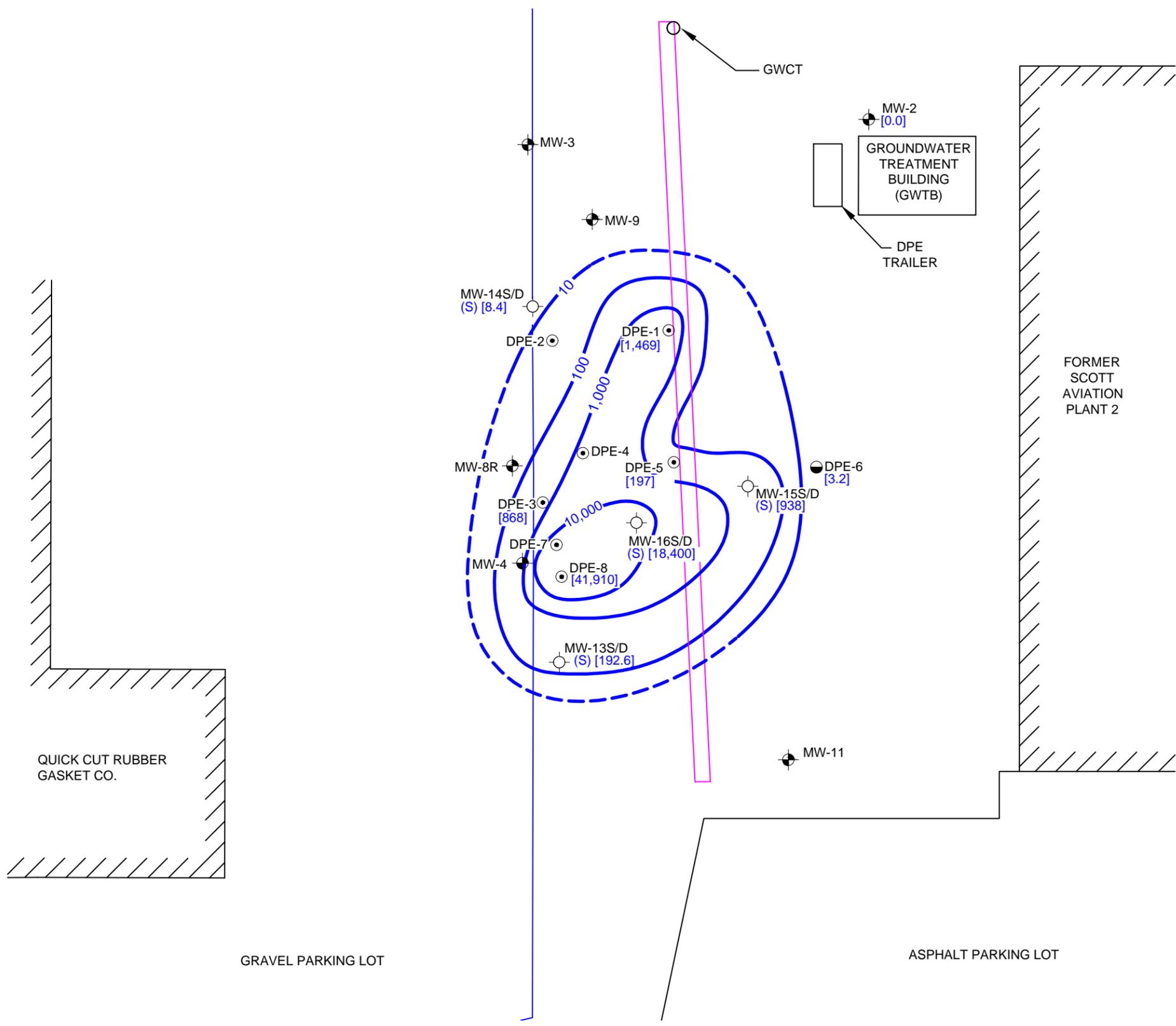


FIGURE 19
XYLENES ISOCONCENTRATION
CONTOUR MAP
APRIL 2025
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK



LEGEND

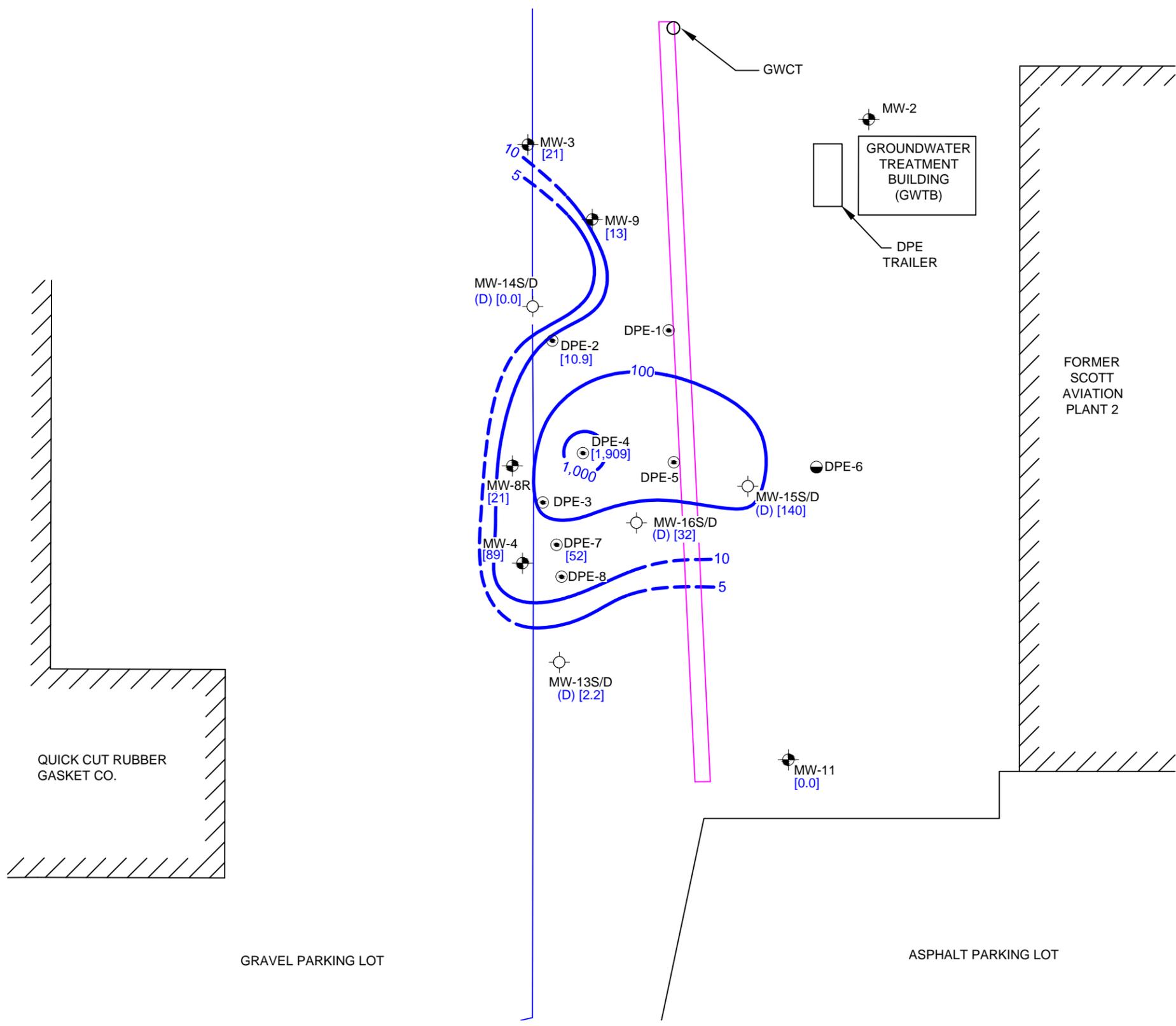
- MW-13S/D NESTED PIEZOMETER LOCATION
- MW-9 MONITORING WELL LOCATION
- DPE-6 DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
- DPE-1 DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)
- [3.2] TOTAL VOC CONCENTRATION (µg/L)
- 10 TOTAL VOC CONTOUR
- (S) SHALLOW PIEZOMETER
- (D) DEEP PIEZOMETER
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY

NOTE

1. TOTAL VOC FROM THE SHALLOW PIEZOMETER PAIR LOCATIONS (i.e. MW-13S, MW-14S, MW-15S, MW-16S) WERE USED TO CREATE THE TOTAL VOC CONTOURS.
2. TOTAL VOC FROM THE SHALLOW DPE WELL LOCATIONS (i.e. DPW-2, DPE-4 AND DPE-7) WERE USED TO CREATE THE TOTAL VOC CONTOURS.



FIGURE 20
 SHALLOW OVERBURDEN TOTAL VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER ISOCONCENTRATION CONTOUR MAP - APRIL 2025
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK



LEGEND

- MW-13S/D NESTED PIEZOMETER LOCATION
- MW-9 MONITORING WELL LOCATION
- DPE-6 DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
- DPE-1 DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)
- [13] TOTAL VOC CONCENTRATION (µg/L)
- 10 TOTAL VOC CONTOUR (DASHED WHERE INFERRED)
- (S) SHALLOW PIEZOMETER
- (D) DEEP PIEZOMETER
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY

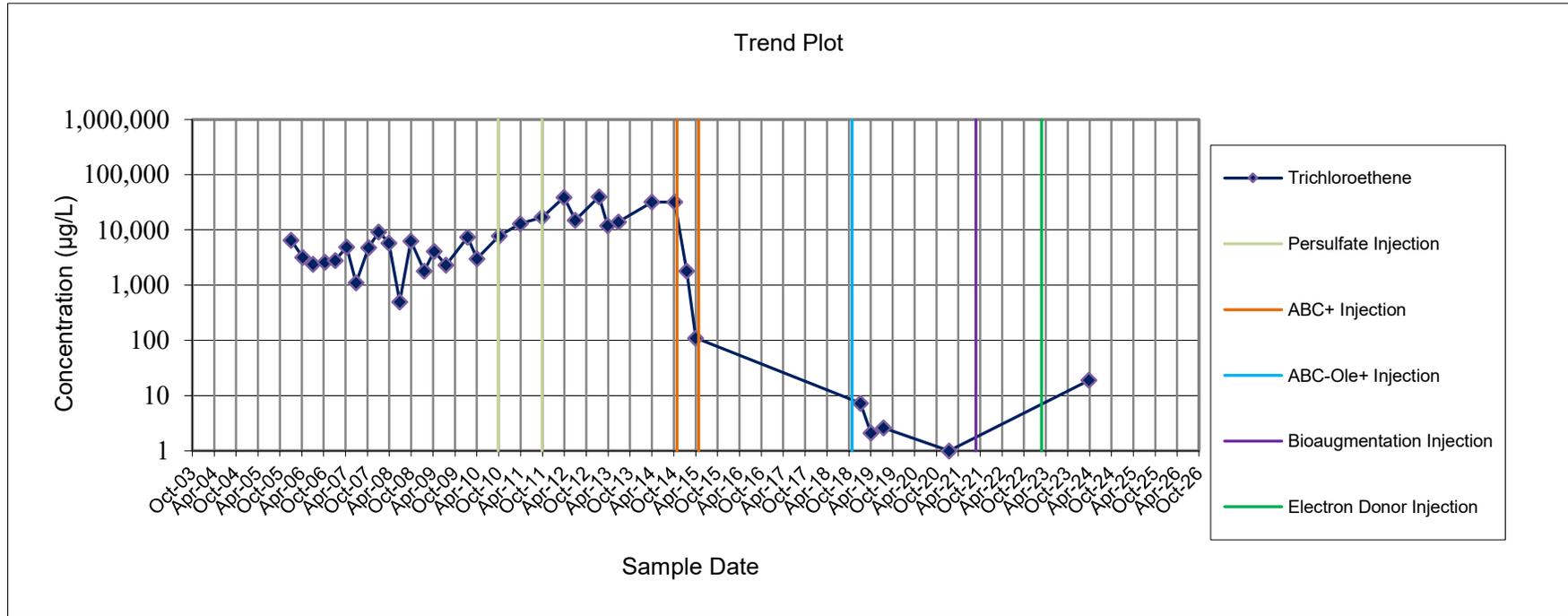
NOTES

1. TOTAL VOC FROM THE DEEP PIEZOMETER PAIR LOCATIONS (i.e. MW-13D, MW-14D, MW-15D, MW-16D) WERE USED TO CREATE THE TOTAL VOC CONTOURS.
2. TOTAL VOC FROM THE DEEP DPE WELL LOCATIONS (i.e. DPE-2, DPE-4, AND DPE-7) WERE USED TO CREATE THE TOTAL VOC CONTOURS.



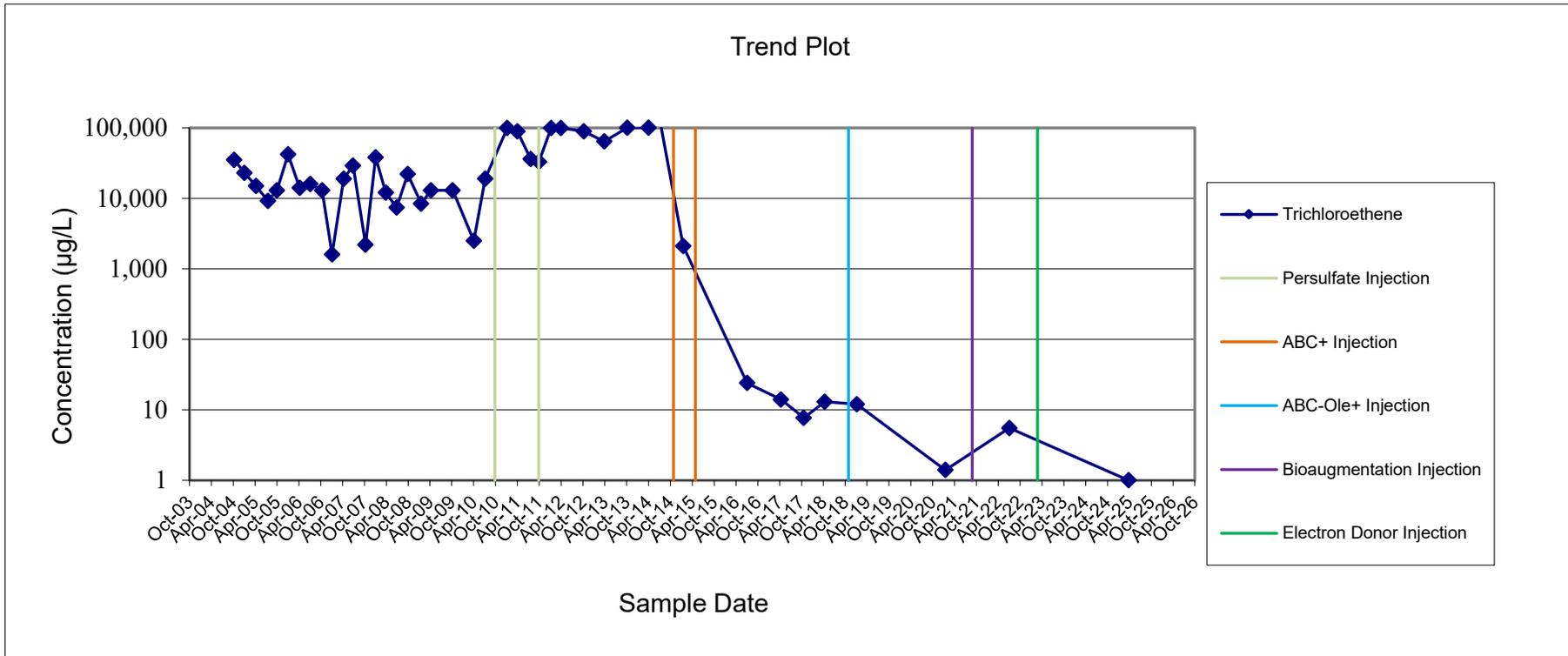
FIGURE 21
 DEEP OVERBURDEN TOTAL VOLATILE ORGANIC COMPOUNDS
 IN GROUNDWATER ISOCONCENTRATION CONTOUR MAP
 APRIL 2025
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK

FIGURE 22
MONITORING WELL MW-4
HISTORICAL AND CURRENT SUMMARY OF TRICHLOROETHENE IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



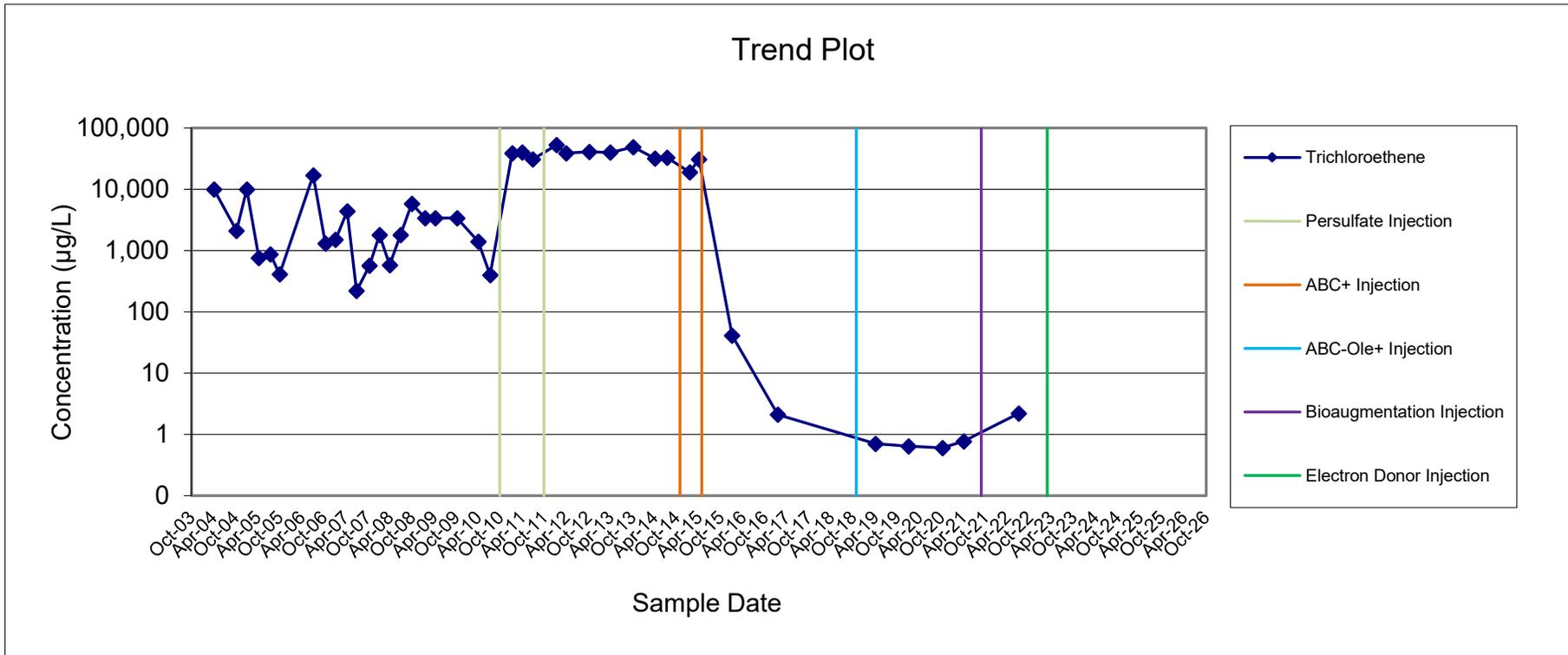
TCE last detected at MW-4 on 4/1/24 at a concentration of 19 µg/L.
 Non-detects are not plotted.

FIGURE 23
MONITORING WELL MW-8R
HISTORICAL AND CURRENT SUMMARY OF TRICHLOROETHENE IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



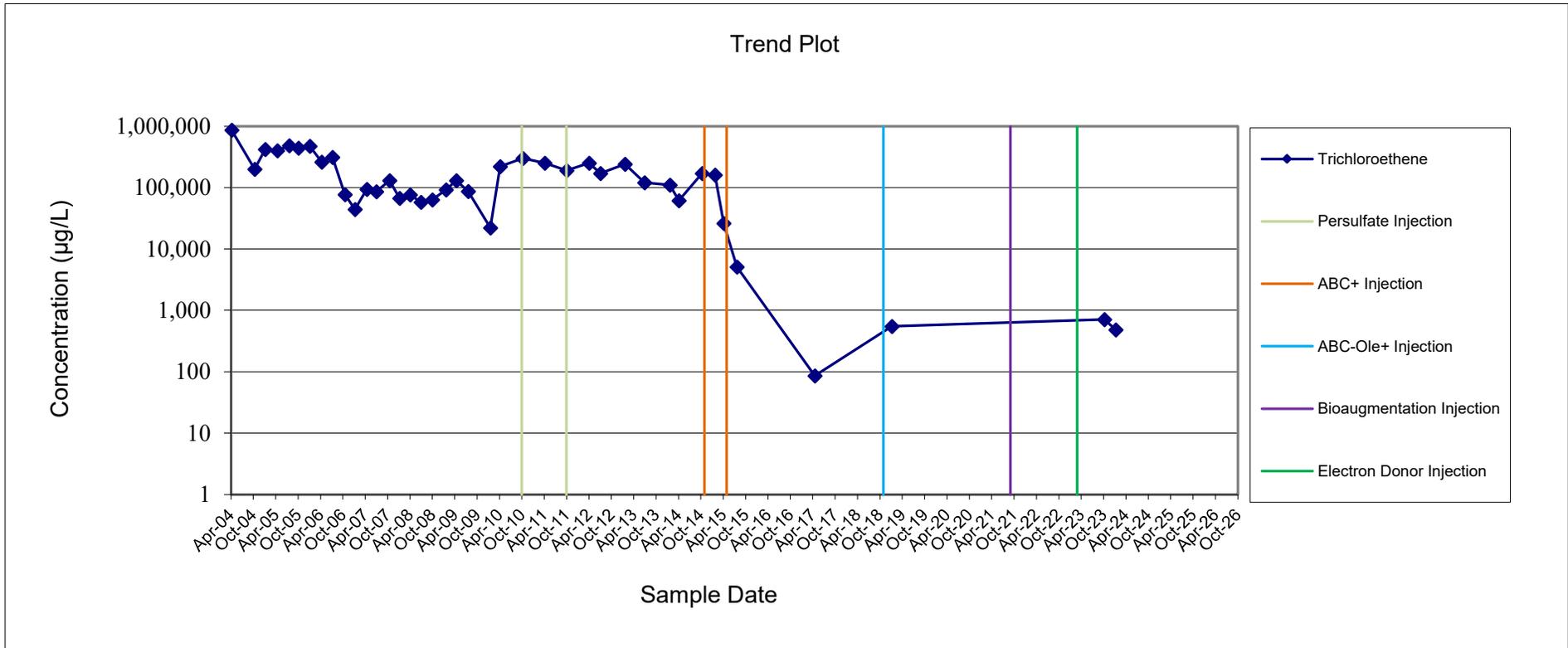
TCE last detected at MW-8R on 4/1/25 at a concentration of 0.52J µg/L.
 Non-detects are not plotted.

FIGURE 24
MONITORING WELL MW-13S
HISTORICAL AND CURRENT SUMMARY OF TRICHLOROETHENE IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

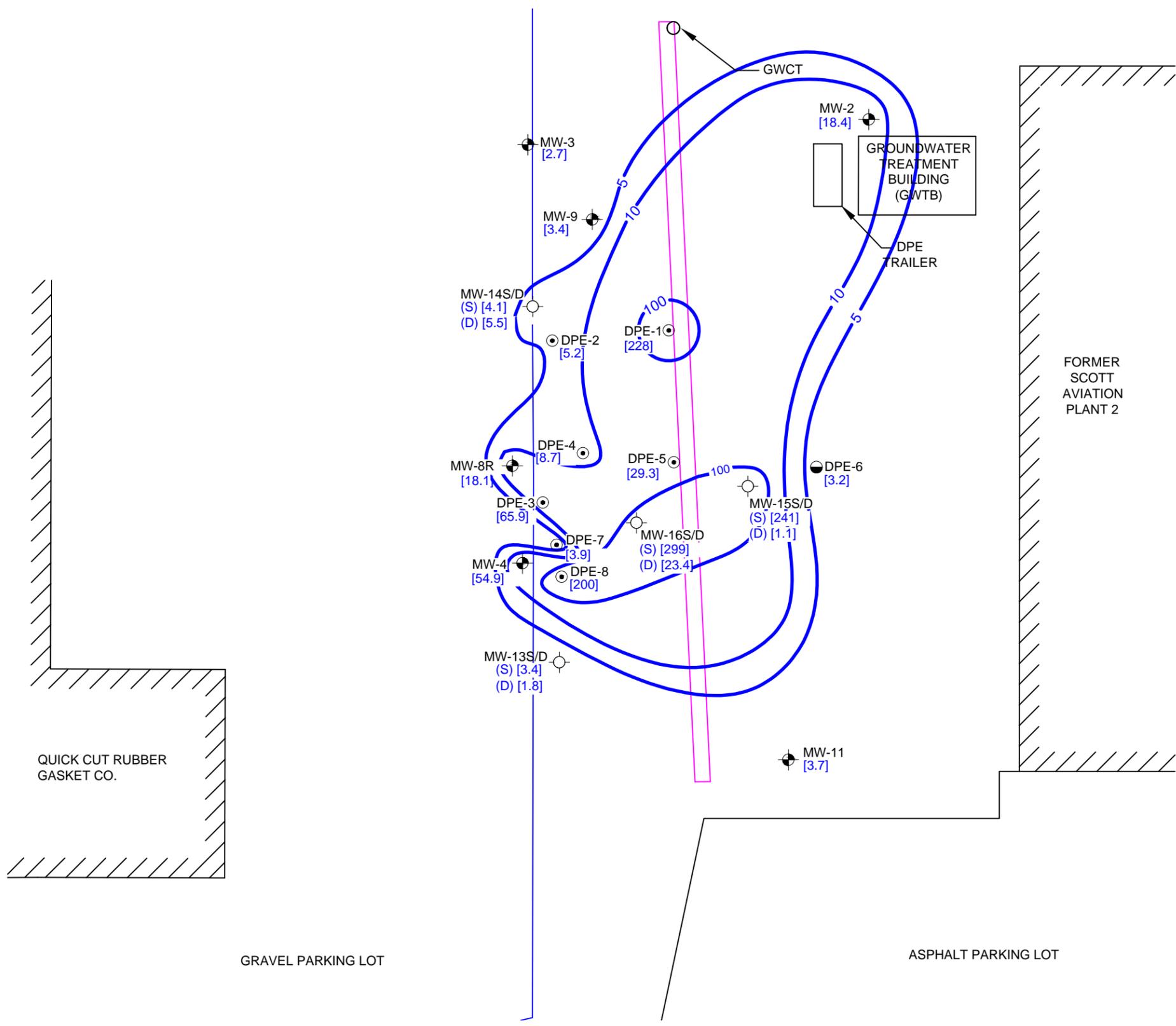


TCE last detected at MW-13S on 7/7/22 at a concentration of 2.2 µg/L.
 Non-detects are not plotted.

FIGURE 25
MONITORING WELL MW-16S
HISTORICAL AND CURRENT SUMMARY OF TRICHLOROETHENE IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



TCE last detected at MW-16S on 1/10/24 at a concentration of 480 µg/L.
 Non-detects are not plotted.



LEGEND

- MW-13S/D NESTED PIEZOMETER LOCATION
- MW-9 MONITORING WELL LOCATION
- DPE-6 DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
- DPE-1 DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)
- [3.4] TOTAL ORGANIC CARBON CONCENTRATION (mg/L)
- TOTAL ORGANIC CARBON CONTOUR
- (S) SHALLOW PIEZOMETER
- (D) DEEP PIEZOMETER
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY

NOTE

1. THE HIGHEST CONCENTRATION OF TOC WAS USED AT PIEZOMETER PAIR LOCATIONS TO GENERATE ISOCONCENTRATION CONTOURS.



FIGURE 26
TOTAL ORGANIC CARBON IN GROUNDWATER
ISOCONCENTRATION CONTOUR MAP
APRIL 2025
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK

Tables

Table 1

**Remedial Action Objectives
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Volatile Organic Compounds	Remedial Action Objectives*	
	Soil (mg/kg)	Groundwater (µg/L)
1,1,1-Trichloroethane	1	5
1,1-Dichloroethane	1	5
1,2-Dichloroethene	1	5
Chloroethane	1	5
Ethylbenzene	1	5
Toluene	1	5
Trichloroethene	1	5
Vinyl chloride	1	5
Xylenes	1	5
Total VOCs	10	NA

Notes:

mg/kg - milligrams per kilogram

µg/L - micrograms per liter

NA - not applicable

* Based on values presented in site-specific ROD (November 1994).

Table 2

**Monitoring Well, Nested Piezometer,
Dual-Phase Extraction, and Injection Well Construction Specifications
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Well ID	Date Installed	Top of Casing Elevation (ft AMSL)	Well Diameter (inches)	Bottom of Boring (ft bgs)	Screen Length (ft)	Well Screen Interval (ft bgs)	Filter Sand Pack Interval (ft bgs)	Bentonite Seal Interval (ft bgs)
Monitoring Wells								
MW-1	(1)	NA	NA	NA	NA	NA	NA	NA
MW-2	05/24/91	687.00	2.0	15.0	10	5.0 - 15.0	4.0 - 15.0	1.0 - 4.0
MW-3	05/19/91	687.05	2.0	26.0	15	11.0 - 26.0	9.0 - 26.0	5.0 - 9.0
MW-4	05/23/91	656.50	2.0	26.0	10	16.0 - 26.0	14.0 - 26.0	11.0 - 14.0
MW-5	(1)	NA	NA	NA	NA	NA	NA	NA
MW-6 (4)	03/17/04	686.46	2.0	26.0	10	16.0 - 26.0	14.0 - 16.0	11.5 - 14.0
MW-7	(2)	NA	NA	NA	NA	NA	NA	NA
MW-8R	02/17/04	686.29	2.0	28.0	10	14.0 - 24.0	13.0 - 24.5	12.0 - 13.0
MW-9	04/11/99	689.57	2.0	25.4	20	5.4 - 25.4	4.0 - 25.4	2.0 - 4.0
MW-10 (4)	04/11/99	687.70	2.0	24.4	20	4.4 - 24.4	3.0 - 4.4	1.0 - 3.0
MW-11	03/01/04	688.61	2.0	29.0	20	8.5 - 28.5	7.5 - 29.0	6.5 - 7.5
MW-12 (4)	03/17/04	686.19	2.0	27.5	20	7.0 - 27.0	6.0 - 27.5	5.0 - 6.0
Nested Piezometers								
MW-13S	03/03/04	686.65	1.0	24.0	8	8.5 - 16.5	7.5 - 17.0	6.5 - 7.5
MW-13D	03/03/04	686.75	1.0	24.0	4	19.5 - 23.5	19.0 - 24.0	17.0 - 19.0
MW-14S	03/04/05	685.74	1.0	24.0	8	8.5 - 16.5	7.5 - 16.75	6.5 - 7.5
MW-14D	03/04/05	685.88	1.0	24.0	5	18.5 - 23.5	18.25 - 24.0	16.75 - 18.25
MW-15S	03/02/05	687.17	1.0	28.0	6	12.0 - 18.0	11.0 - 12.0	10.0 - 11.0
MW-15D	03/02/05	687.87	1.0	28.0	4	21.0 - 25.0	20.5 - 28.0	18.5 - 20.5
MW-16S	03/03/05	688.15	1.0	24.0	6	12.0 - 18.0	11.0 - 18.25	10.0 - 11.0
MW-16D	03/03/05	688.16	1.0	24.0	4	20.0 - 24.0	19.75 - 24.0	18.25 - 19.75
Dual-Phase Extraction Recovery Wells								
DPE-1	02/17/04	687.17	4.0	18.5	5	13.0 - 18.0	12.0 - 18.5	11.0 - 12.0
DPE-2	02/19/04	685.32	4.0	26.0	5	18.5 - 23.5	18.0 - 26.0	17.0 - 18.0
DPE-3	02/18/04	685.98	4.0	18.0	8	8.5 - 16.5	8.0 - 18.0	7.0 - 8.0
DPE-4	(3)	686.00	2.0	27.7	20	7.7 - 27.7	6.0 - 27.7	4.0 - 6.0
DPE-5	02/16/04	686.91	4.0	18.3	6	12.0 - 18.0	11.0 - 18.3	10.0 - 11.0
DPE-6	02/16/04	687.53	4.0	18.3	6	12.0 - 18.0	11.0 - 18.3	10.0 - 11.0
DPE-7	02/19/04	685.92	4.0	26.0	4	19.5 - 23.5	19.0 - 26.0	18.0 - 19.0
DPE-8	02/18/04	686.03	4.0	17.0	8	8.5 - 16.5	8.0 - 17.0	7.0 - 8.0
Electron Donor Injection Wells								
IW-01	03/03/23	NA	2.0	20.0	10	8.0 - 18.0	8.0 - 20.0	7.0 - 8.0
IW-02	03/03/23	NA	2.0	20.0	10	8.0 - 18.0	8.0 - 20.0	7.0 - 8.0

Notes:

ft bgs - feet below ground surface

ft AMSL - feet above mean sea level

MW-# - Monitoring Well

DPE-# - Dual-Phase Extraction Recovery Well

IW-# - Electron Donor Injection Well

(1) MW-1 and MW-5 are not monitored for this project.

(2) MW-7 was abandoned in November 2003 per Section 3.7 of the Remedial Design Work Plan.

(3) Pre-existing monitoring well MW-8 (installed 04/11/99) was converted to DPE-4 in February 2004.

(4) Decommissioned

NA - Information is not available.

Table 3

**Summary of the Groundwater Monitoring Program - July 2024 through April 2025
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Event Date	Number of Locations Sampled	Locations Sampled			
Quarterly Groundwater Monitoring					
July 2024	18	MW-2 MW-11 MW-16D DPE-4 DPE-8	MW-3 MW-13S DPE-1 DPE-5 GWCT	MW-4 MW-13D DPE-2 DPE-6	MW-8R MW-16S DPE-3 DPE-7
October 2024	18	MW-2 MW-11 MW-16D DPE-4 DPE-8	MW-3 MW-13S DPE-1 DPE-5 GWCT	MW-4 MW-13D DPE-2 DPE-6	MW-8R MW-16S DPE-3 DPE-7
January 2025	18	MW-2 MW-11 MW-16D DPE-4 DPE-8	MW-3 MW-13S DPE-1 DPE-5 GWCT	MW-4 MW-13D DPE-2 DPE-6	MW-8R MW-16S DPE-3 DPE-7
Comprehensive Annual Groundwater Monitoring					
April 2025	23	MW-2 MW-9 MW-14S MW-16S DPE-3 DPE-7	MW-3 MW-11 MW-14D MW-16D DPE-4 DPE-8	MW-4 MW-13S MW-15S DPE-1 DPE-5 GWCT	MW-8R MW-13D MW-15D DPE-2 DPE-6

Table 4

**Groundwater Monitoring Water Level Data - April 1, 2025
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Monitoring Point Identification	Top of Casing Elevation (feet AMSL)	Depth to Water (feet from TOC)	Ground Water Elevation (feet AMSL)
Monitoring Wells			
MW-2	687.10	5.64	681.46
MW-3	687.05	8.50	678.55
MW-4	686.50	7.91	678.59
MW-8R	686.29	6.01	680.28
MW-9	689.57	11.73	677.84
MW-11	688.61	9.88	678.73
Nested Piezometers			
MW-13S	686.65	6.56	680.09
MW-13D	686.78	7.93	678.85
MW-14S	685.74	4.33	681.41
MW-14D	685.88	14.18	671.70
MW-15S	687.17	0.73	686.44
MW-15D	687.37	12.15	675.22
MW-16S	688.15	4.96	683.19
MW-16D	688.16	11.09	677.07
Remedial System			
GWCT Manhole (rim)	687.22	21.61	665.61

Notes:

TOC - Top of Casing

AMSL - Above Mean Sea Level

GWCT - Groundwater Collection Trench

GWCT is 200 feet long with a 0.01 foot/foot slope to the manhole

* All DPE wells except DPE-6 actively pumping during the collection of water levels

Table 5

Summary of Monitoring Well Analytical Data - April 2025
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID	Groundwater	MW-2	MW-3	MW-4	MW-8R	MW-9	MW-11	MW-13S
Date Collected	RAO/TOGS 1.1.1	04/03/24	04/03/24	04/01/24	04/01/24	04/03/24	04/01/24	04/01/24
Lab Sample ID	Objective	480-228416-2	480-228416-1	480-228332-1	480-228332-2	480-228416-3	480-228332-4	480-228332-3
Volatile Organic Compounds by Method 8260C (µg/L)								
1,1-Dichloroethane	5*	< 4.0 U	13	< 10 U	1.0	7.0	< 2.0 U	0.62 J
Acetone	50	< 40 U	< 10 U	< 100 U	< 10 U	< 10 U	< 20 U	< 10 U
Benzene	1	< 4.0 U	< 1.0 U	< 10 U	0.91 J	< 1.0 U	< 2.0 U	< 1.0 U
Chloroethane	5*	< 4.0 U	< 1.0 U	70	9.0	< 1.0 U	< 2.0 U	< 1.0 U
cis-1,2-Dichloroethene	5*	< 4.0 U	1.8	< 10 U	5.0	6.2	< 2.0 U	52
Toluene	5*	< 4.0 U	< 1.0 U	7.0 J	3.7	< 1.0 U	< 2.0 U	< 1.0 U
Trichloroethene	5*	< 4.0 U	< 1.0 U	< 10 U	0.52 J	< 1.0 U	< 2.0 U	< 1.0 U
Vinyl chloride	5*	< 4.0 U	5.9	12	7.3	< 1.0 U	< 2.0 U	140
Xylenes, Total	5*	< 8.0 U	< 2.0 U	< 20 U	< 2.0 U	< 2.0 U	< 4.0 U	< 2.0 U
Total Volatile Organic Compounds	NL	0.0	21	89	21	13	0.0	192.6
Total Organic Carbon	NL	18.4	2.7	54.9	18.1	3.4	3.7	3.4

Table 5

**Summary of Monitoring Well Analytical Data - April 2025
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Sample ID	Groundwater	MW-13D	MW-14S	MW-14D	MW-15S	MW-15D	MW-16S	MW-16D
Date Collected	RAO/TOGS 1.1.1	04/02/24	04/03/24	04/03/24	04/02/24	04/02/24	04/02/24	04/02/24
Lab Sample ID	Objective	480-228385-12	480-228416-4	480-228416-5	480-228385-13	480-228385-14	480-228385-1	480-228385-2
Volatile Organic Compounds by Method 8260 (µg/L)								
1,1-Dichloroethane	5*	< 1.0 U	3.4	< 1.0 U	210	< 2.0 U	550	< 20 U
Acetone	50	< 10 U	< 10 U	< 10 U	65 J	< 20 U	< 2,000 U	< 200 U
Benzene	1	< 1.0 U	< 1.0 U	< 1.0 U	< 20 U	< 2.0 U	< 200 U	< 20 U
Chloroethane	5*	2.2	< 1.0 U	< 1.0 U	120	140	1,300	32
cis-1,2-Dichloroethene	5*	< 1.0 U	3.2	< 1.0 U	270	< 2.0 U	5,000	< 20 U
Toluene	5*	< 1.0 U	< 1.0 U	< 1.0 U	150	< 2.0 U	550	< 20 U
Trichloroethene	5*	< 1.0 U	< 1.0 U	< 1.0 U	28	< 2.0 U	< 200 U	< 20 U
Vinyl chloride	5*	< 1.0 U	1.8	< 1.0 U	72	< 2.0 U	11,000	< 20 U
Xylenes, Total	5*	< 2.0 U	< 2.0 U	< 2.0 U	23 J	< 4.0 U	< 400 U	< 40 U
Total Volatile Organic Compounds	NL	2.2	8.4	0.0	938	140	18,400	32
Total Organic Carbon	NL	1.8	4.1	5.5	241	1.1	299	23.4

Notes:

Bold font indicates the analyte was detected.

Bold font and bold outline indicates the screening criteria was exceeded.

* Site-specific RAO per ROD (November 1994).

Site-specific RAO's 1,1,1-Trichloroethane, 1-2-Dichloroethene, and Ethylbenzene were not detected above the reporting limit.

J - Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.

U - Not detected at or above reporting limit.

NL - Not listed.

Total Organic Carbon by Method 9060A.

Table 6

**Summary of Annual TCE Concentrations in Groundwater from January 2009 (pre-injection) through April 2025
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Well ID	TCE Concentrations (µg/L)																
	January 2009	April 2010	April 2011	April 2012	April 2013	April 2014	April 2015	April 2016	April 2017	April 2018	April 2019	April 2020	April 2021	April 2022	April 2023	April 2024	April 2025
MW-2	< 5	<25	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<2	<1	<4
MW-3	< 5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-4*	19,000	3,000	13,000	39,000	12,000	32,000	110	<100	<5	<20	2.1	<4	<4	<4	<4	19	<10
MW-8R	8,400	2,500	8,900	99,000	64,000	100,000	<2,000	<1,000	14	13	<40	<2	<10	<8	<40	<5	0.52
MW-9	< 5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-11	0.77	0.95	1.2	0.51	<1	<1	<2	<1	<1	<2	<1	<1	<1	<1	<1	<1	<2
MW-13S*	3,400	1,400	40,000	39,000	40,000	32,000	31,000	<100	0.26	<40	0.7	<1	0.77	<2	<1	<2	<1
MW-13D*	< 5	< 5	22	62	53	30	40	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-14S	0.38	< 5	< 1	1.3	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1
MW-14D	< 5	9.4	0.97	0.64J	0.99	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-15S	180	270	200	240	140	160	85	110	70	85	98	95	58	47	31	32	28
MW-15D	< 25	<5	<8	<10	<8	<20	<20	<10	<1	<5	<8	<2	<2	<2	<2	<2	<2
MW-16S*	92,000	220,000	250,000	250,000	230,000	61,000	26,000	<4,000	86	<1,000	<1,000	<1	<1,000	<2,000	<2,000	1,000	<200
MW-16D*	52	12	22	42	57	<25	<20	<10	<1	<1	<2	<1	<1	<2	<1	<1	<20

Notes:

J – Estimated concentration.

Wells with asterisks were targeted during the October 2010 and October 2011 sodium persulfate with chelated iron injections; delineated by the grey and black dashed/dotted vertical lines respectively.

Wells in bold were targeted during the November 2014 injection and September 2021 injection; delineated by the black dashed vertical line and double vertical line respectively.

Wells in bold and shaded in grey were targeted during the April 2015 and November 2018 injections; delineated by the grey and black dotted vertical lines, respectively.

The September 2021 bioaugmentation injection targeted the wells in bold and is delineated by the double vertical lines.

The electron donor injection targeted the area adjacent to MW-16S in March 2023 and is delineated by the angled dashed/dotted line.

Table 7

Summary of Groundwater Collection Trench Analytical Data through April 2025
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID Date Collected Lab Sample ID	Groundwater RAO/TOGS 1.1.1 Objective	GWCT Manhole 07/24/15 480-84562-15	GWCT Manhole 10/19/15 480-89674-20	GWCT Manhole 01/05/16 480-93630-15	GWCT Manhole 04/04/16 480-84562-15	GWCT Manhole 07/05/16 480-102662-4	GWCT Manhole 10/27/16 480-108538-2	GWCT Manhole 01/16/17 480-112334-8	GWCT Manhole 04/20/17 480-116720-15
Volatile Organic Compounds by Method 8260 (µg/L)									
1,1-Dichloroethane	5*	1.3	0.7	< 1.0 U	0.4 J	< 1.0 U	< 1.0 U	< 1.0 U	0.74 J
2-Butanone (MEK)	50	2.4 J	< 10 U	< 10 U	< 10 U	< 1.0 U	< 1.0 U	< 1.0 U	< 10 U
Acetone	50	7.0 J	< 10 U	< 10 U	< 10 U	< 1.0 U	< 1.0 U	< 1.0 U	< 10 U
Carbon disulfide	1	< 1.0 U							
Chloroethane	5*	< 1.0 U	< 1.0 U	62	44	70	34	45	26
Chlormethane	5	< 1.0 U							
cis-1,2-Dichloroethene	5*	1.1	< 1.0 U	0.74 J					
Ethylbenzene	5	< 1.0 U							
Toluene	5*	< 1.0 U	< 1.0 U	0.99 J	< 1.0 U				
trans-1,2-Dichloroethene	5	< 1.0 U							
Vinyl chloride	5*	< 1.0 U							
Xylenes, Total	5*	< 2.0 U							
Total Volatile Organic Compounds	NA	11.8	0.7	63	44	70	34	45	27

Sample ID Date Collected Lab Sample ID	Groundwater RAO/TOGS 1.1.1 Objective	GWCT Manhole 07/11/17 480-121042-15	GWCT Manhole 10/23/17 480-126420-1	GWCT Manhole 01/08/18 480-129995-13	GWCT Manhole 04/13/18 480-134234-8	GWCT Manhole 07/12/18 480-138781-4	GWCT Manhole 10/24/18 480-144170-15	GWCT Manhole 01/09/19 480-147748-15	GWCT Manhole 04/08/19 480-151586-12
Volatile Organic Compounds by Method 8260 (µg/L)									
1,1-Dichloroethane	5*	< 1.0 U	< 1.0 U	< 1.0 U	0.52 J	< 1.0 U	< 1.0 U	0.38 J	0.48 J
2-Butanone (MEK)	50	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Acetone	50	< 10 U	< 10 U	< 10 U	10 J	< 10 U	< 10 U	< 10 U	< 10 U
Carbon disulfide	1	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.20 J
Chloroethane	5*	65	45	64	53	49	38	28	48
Chlormethane	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
cis-1,2-Dichloroethene	5*	< 1.0 U	< 1.0 U	5.1	< 1.0 U	< 1.0 U	< 1.0 U	0.93 J	1.20
Ethylbenzene	5	< 1.0 U	0.19 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Toluene	5*	< 1.0 U	0.25 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.80 J	0.60 J
Trichloroethene	5*	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
trans-1,2-Dichloroethene	5	< 1.0 U	0.34 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Vinyl chloride	5*	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	1.4
Xylenes, Total	5*	< 2.0 U	0.67 J	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
Total Volatile Organic Compounds	NA	65	46	69	64	49	38	30	52

Table 7

Summary of Groundwater Collection Trench Analytical Data through April 2025
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID Date Collected Lab Sample ID	Groundwater RAO/TOGS 1.1.1 Objective	GWCT Manhole 07/23/19 480-156622-7	GWCT Manhole 10/14/19 480-160839-7	GWCT Manhole 01/06/20 480-165026-18	GWCT Manhole 04/06/20 480-168383-16	GWCT Manhole 07/22/20 480-172827-15	GWCT Manhole 10/13/20 480-176470-13	GWCT Manhole 01/20/21 480-180395-15	GWCT Manhole 04/07/21 480-182978-13
Volatile Organic Compounds by Method 8260 (µg/L)									
1,1-Dichloroethane	5*	< 1.0 U	< 1.0 U	0.45 J	< 1.0 U				
2-Butanone (MEK)	50	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Acetone	50	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Carbon disulfide	1	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Chloroethane	5*	48	28	34	52	37	34	24	29
Chlormethane	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.42 J	< 1.0 U	< 1.0 U	< 1.0 U
cis-1,2-Dichloroethene	5*	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Ethylbenzene	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Toluene	5*	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
trans-1,2-Dichloroethene	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Vinyl chloride	5*	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	1.2 U	< 1.0 U	< 1.0 U	< 1.0 U
Xylenes, Total	5*	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
Total Volatile Organic Compounds	NA	48	28	34	52	39	34	24	29

Sample ID Date Collected Lab Sample ID	Groundwater RAO/ TOGS 1.1.1 Objective	GWCT Manhole 07/15/21 480-187292-18	GWCT Manhole 10/19/21 480-191095-10	GWCT Manhole 01/19/22 480-194344-18	GWCT Manhole 04/06/22 480-196479-18	GWCT Manhole 04/04/23 480-207495-10	GWCT Manhole 07/26/23 480-211209-5	GWCT Manhole 10/10/23 480-213596-7	GWCT Manhole 01/09/24 480-216331-13
Volatile Organic Compounds by Method 8260 (µg/L)									
1,1-Dichloroethane	5*	< 1.0 U	0.44 J	< 1.0 U	< 1.0 U	0.58 J	< 1.0 U	< 1.0 U	< 1.0 U
2-Butanone (MEK)	50	< 10 U	< 10 U	< 10 U	< 10 U				
Acetone	50	< 10 U	< 10 U	5.1 J	< 10 U				
Carbon disulfide	1	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U				
Chloroethane	5*	37	32	28	24	8.6	19	29	9.4
Chloromethane	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U				
cis-1,2-Dichloroethene	5*	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U				
Ethylbenzene	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U				
Toluene	5*	< 1.0 U	0.71 J	< 1.0 U	< 1.0 U				
Trichloroethene	5*	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U				
trans-1,2-Dichloroethene	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U				
Vinyl chloride	5*	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U				
Xylenes, Total	5*	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U				
Total Volatile Organic Compounds	NA	37	32	28	24	9.2	20	34	9.4

Table 7

**Summary of Groundwater Collection Trench Analytical Data through April 2025
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Sample ID	Groundwater	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole
Date Collected	RAO/ TOGS 1.1.1	04/02/24	07/02/24	10/03/24	01/15/25	04/01/25
Lab Sample ID	Objective	480-218363-8	480-221314-18	480-223952-7	480-226840-1	480-228332-5
Volatile Organic Compounds by Method 8260 (µg/L)						
1,1-Dichloroethane	5*	< 1.0 U	0.51 J	< 1.0 U	< 1.0 U	< 1.0 U
2-Butanone (MEK)	50	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Acetone	50	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Carbon disulfide	1	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Chloroethane	5*	13	28	28	15	15
Chloromethane	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
cis-1,2-Dichloroethene	5*	< 1.0 U	2.3	< 1.0 U	< 1.0 U	< 1.0 U
Ethylbenzene	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Toluene	5*	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
trans-1,2-Dichloroethene	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Vinyl chloride	5*	< 1.0 U	2.5	1.1	< 1.0 U	< 1.0 U
Xylenes, Total	5*	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
Total Volatile Organic Compounds	NA	13	33	29	15	15

Notes:

Bold font indicates the analyte was detected.

Bold font and bold outline indicates the screening criteria was exceeded.

* Site-specific RAO per ROD (November 1994)

J - Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.

U - Not detected at or above reporting limit.

NA - Not applicable

Table 8

Summary of Dual Phase Extraction Well Groundwater Analytical Data - April 2025
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID	Groundwater	DPE-1	DPE-2	DPE-3	DPE-4	DPE-5	DPE-6	DPE-7	DPE-8
Date Collected	RAO/TOGS 1.1.1	04/02/25	04/02/25	04/02/25	04/02/25	04/02/25	04/02/25	04/02/25	04/02/25
Lab Sample ID	Objective	480-228385-10	480-228385-11	480-228385-4	480-228385-5	480-228385-6	480-228385-7	480-228385-8	480-228385-9
Volatile Organic Compounds by Method 8260C (µg/L)									
1,1-Dichloroethane	5*	160	0.66 J	18	< 20 U	22	1.5	< 1.0 U	470
2-Butanone (MEK)	50	150 J	< 10 U	43 J	< 200 U	< 10 U	< 10 U	< 10 U	< 400 U
Acetone	50	870	< 10 U	< 100 U	< 200 U	< 10 U	< 10 U	< 10 U	< 4,000 U
Chloroethane	5*	< 20 U	7.3	23	< 20 U	89	< 1.0 U	18	440
Chloroform	7	< 20 U	< 1.0 U	3.7 J	< 20 U	< 10 U	< 1.0 U	< 1.0 U	< 400 U
cis-1,2-Dichloroethene	5*	210	< 1.0 U	560	1,000	55	1.7	10	25,000
Toluene	5*	21	< 1.0 U	< 80 U	< 20 U	15	< 1.0 U	< 1.0 U	< 400 U
Trichloroethene	5*	26	< 1.0 U	< 80 U	29	< 10 U	< 1.0 U	< 1.0 U	< 400 U
Vinyl chloride	5*	32	2.9	220	880	16	< 1.0 U	24	16,000
Total Volatile Organic Compounds	NL	1,469	10.9	868	1,909	197	3.2	52	41,910
Total Organic Carbon (mg/L)	NL	228	5.2	65.9	8.7	29.3	3.2	3.9	200

Notes:

Bold font indicates the analyte was detected.

Bold font and bold outline indicates the screening criteria was exceeded.

* Site-specific RAO per ROD (November 1994).

Total Organic Carbon by Method 9060A.

J - Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.

U - Not detected at or above reporting limit.

NL - Not listed.

Table 10

**Pre- and Post-Bioaugmentation Injection VFA Data Comparison
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Sample ID	Sample Date	Sample Dilution Factor	Lactate	Acetate	Propionate	Formate	Butyrate	Pyruvate
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-8R	8/26/2021	50	1.2	70	<0.31	<0.22	<0.41	<0.69
MW-8R	12/9/2021	50	<0.39	28	<0.31	<0.22	<0.41	<0.69
MW-8R	4/6/2022	50	<0.39	37	<0.31	<0.22	<0.41	<0.69
MW-8R	10/10/2022	50	1.4	145	<0.13	<0.22	1.2	<0.69
MW-8R	4/12/2023	50	<0.62	2.2	<0.10	<1.3	<0.06	<0.15
MW-8R	7/28/2023	50	<0.62	520	352	<1.3	212	<0.15
MW-8R	10/12/2023	50x	<0.50	158	269	<0.25	38	0.82 J
MW-8R	4/18/2024	50	<0.50	33	<0.26	1.1 J	<0.20 J	<0.75
MW-8R	10/4/2024	50	1.2 J	1.8 J	<0.26	<0.25	<0.06	<0.75
MW-8R	4/4/2025	50X	<0.50	<0.50	<0.30	<0.30	<0.15	<0.50
MW-16S	8/26/2021	50	<0.39	495	12	<0.22	81	0.71
MW-16S	12/9/2021	1000	<7.8	921	14	<4.4	98	<13.8
MW-16S	4/7/2022	1000	<7.8	532	<6.2	<4.4	48	<0.69
MW-16S	10/10/2022	50	1.0	427	<0.13	<0.22	<0.41	<0.69
MW-16S	4/12/2023	50	<0.62	347	240	<1.3	137	2.1
MW-16S	7/28/2023	50	<0.62	595	<0.10	776.0	351	<0.15
MW-16S	10/12/2023	1,000x	60	1,537	4,387	9.9 J	625	41
MW-16S	4/2/2024	1000	<10	758	22 J	<5.0	67	<15
MW-16S	10/4/2024	1000	26 J	725	<5.3	<5.0	76	<15
MW-16S	4/4/2025	1,000x	<10	716	26	<6.0	46	<10

Notes:

VFA - Volatile fatty acid

mg/L - milligram per liter

J - The associated value is an estimate result between the quantitation limit and the reporting limit.

< - The compound analyzed for but not detected, associated value is quantitation limit.

The bioaugmentation injection was performed on September 15 and 16, 2021.

The electron donor injection was performed between March 2023 and July 2023.

Table 11

Pre- and Post-Bioaugmentation Injection Gene-Trac Data Comparison
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID	Sample Date	Dehalococcoides (Dhc)		Dehalobacter (Dhb)		VC Reductase (vcrA)		BAV1 VC Reductase (bvcA)		TCE Reductase (tceA)	
		Percent Dhc	Enumeration/Liter	Percent Dhb	Gene Copies/Liter	Percent vcrA	Gene Copies/Liter	Percent bvcA	Gene Copies/Liter	Percent tceA	Gene Copies/Liter
MW-16S	8/26/2021	8 - 23 %	1 x 10 ⁹	0.3 - 1 %	5 x 10 ⁷	8 - 22 %	1 x 10 ⁹	1 - 3 %	1 x 10 ⁸	7 - 18 %	1 x 10 ⁹
MW-16S	12/9/2021	6 - 17 %	1 x 10 ⁹	0.08 - 0.2 %	2 x 10 ⁷	5 - 15 %	1 x 10 ⁹	0.3 - 1 %	6 x 10 ⁷	2 - 5 %	3 x 10 ⁸
MW-16S	4/7/2022	31 - 67 %	5 x 10 ⁹	0.07 - 0.2 %	1 x 10 ⁷	33 - 71 %	6 x 10 ⁹	0.3 - 0.8 %	4 x 10 ⁷	1 - 3 %	2 x 10 ⁸
MW-16S	10/10/2022	39 - 80 %	3 x 10 ⁹	0.08 - 0.2 %	5 x 10 ⁶	28 - 63 %	2 x 10 ⁹	2 - 4 %	9 x 10 ⁷	3 - 8 %	2 x 10 ⁸
MW-16S	4/12/2023	6 - 17 %	7 x 10 ⁸	0.09 - 0.23 %	1 x 10 ⁶	7 - 19 %	8 x 10 ⁸	0.8 - 2 %	8 x 10 ⁷	0.7 - 2 %	8 x 10 ⁷
MW-16S	7/28/2023	2 - 5 %	1 x 10 ⁹	0.001 - 0.004 %	9 x 10 ⁵	2 - 7 %	2 x 10 ⁹	0.2 - 0.5 %	1 x 10 ⁸	0.2 - 0.5 %	1 x 10 ⁸
MW-16S	10/12/2023	0.4 - 1 %	3 x 10 ⁷	0.001 - 0.003 %	6 x 10 ⁴	0.7 - 2 %	4 x 10 ⁷	0.04 - 0.1 %	2 x 10 ⁶	0.07 - 0.2 %	4 x 10 ⁶
MW-16S	4/2/2024	2.7%	9.93 x 10 ⁸	0.004%	1.60 x 10 ⁶	2.9%	1.07 x 10 ⁹	0.2%	8.94 x 10 ⁷	0.5%	1.98 x 10 ⁸
MW-16S	10/4/2024	4.49%	1.42 x 10 ⁹	0.0158%	5.02 x 10 ⁶	3.26%	1.03 x 10 ⁹	0.263%	8.34 x 10 ⁷	0.569%	1.80 x 10 ⁸
MW-16S	4/4/2025	6.76%	1.53 x 10 ⁹	0.00964%	2.19 x 10 ⁶	4.11%	9.33 x 10 ⁸	0.644%	1.46 x 10 ⁸	0.364%	8.28 x 10 ⁷

Notes:

The bioaugmentation was performed on September 15 and 16, 2021.

The electron donor injection was performed between March 2023 and July 2023.

Table 12

**Volatile Organic Compound Mass Removed - Vapor Phase
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Sample ID: Sample Date:	LRP Effluent 3Q24 7/1/2024	AS Effluent 3Q24 7/1/2024	LRP Effluent 4Q24 10/3/2024	AS Effluent 4Q24 10/3/2024	LRP Effluent 1Q25 1/14/2025	AS Effluent 1Q25 1/14/2025	LRP Effluent 2Q25 4/1/2025	AS Effluent 2Q25 4/1/2025
VOCs by Method TO-15 (µg/m³)								
1,1-Dichloroethane	4.1	0.95	10	- U	2.2	- U	26	0.99
1,1-Dichloroethene	- U	- U	3.1	- U	1.1	- U	- U	- U
1,2-Dichloroethene, Total	220	130	812.1	- U	250	- U	1,200	1.2
1,2,4-Trimethylbenzene	- U	- U	0.97	1.3	1.1	1.1	- U	- U
Acetone	15	15	- U	14	14	64	- U	- U
Benzene	- U	- U	- U	- U	0.63	0.85 U	- U	- U
Carbon disulfide	1.7	1.6	- U	- U	4.8	- U	57	2.7
Chloroethane	6.3	11	15	- U	1.8	- U	87	74
Chloromethane	1.5	1.3	1.3	1.1	1.5	1.9	4.4	1.5
Methyl Ethyl Ketone	6.9	8.1	- U	6.8	- U	6.0	- U	- U
n-Hexane	- U	- U	- U	- U	- U	0.98	- U	- U
Toluene	- U	0.92	4.2	0.96	2.2	1.3	- U	0.9
Trichlorofluoromethane	- U	- U	- U	- U	1.3	1.3	- U	- U
Trichloroethene	1.3	1.1	2.4	- U	3.5	- U	15	- U
Vinyl chloride	120	32	250	- U	220	- U	1,400	1.0
Total Detected VOCs (µg/m ³)	377	202	1,099	24	504	77	2,789	82
Vacuum (inches Hg)	23.0	1.416	23.0	1.250	23.0	1.508	23	1.397
Air Flow Rate (acfm)	68.70	123.30	121.52	119.74	93.58	166.75	82.64	167.57
VOC discharge loading (lb/hr)	0.000097	0.000093	0.000500	0.000011	0.000177	0.000048	0.000864	0.000052
LRP/AS Runtime (hours)	2,160	2,160	2,256	2,256	2,472	2,472	1,848	1,848
VOCs Removed (pounds)	0.41		1.15		0.56		1.69	
Total VOCs Removed (pounds)	3.81							

Notes:

1. µg/m³ = micrograms per cubic meter
2. acfm = actual cubic feet per minute
3. Hg = Mercury
4. lb/hr = pounds per hour
5. LRP Effluent represents the untreated vapor discharge for the Liquid Ring Pump.
6. AS Effluent represents the vapor discharge from the Air Stripper.

Table 13

**Summary of Vapor Monitoring Results - April 2025
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

	Sample ID: LRP Effluent 2Q25	AS Effluent 2Q25
	Sample Date: 4/1/2025	4/1/2025
VOCs by Method TO-15 (µg/m³)		
1,1-Dichloroethane	26	0.99
1,2-Dichloroethene, Total	1,200	1.2
Carbon disulfide	57	2.7
Chloroethane	87	74
Chloromethane	4.4	1.5
Toluene	U	0.9
Trichlorofluoromethane	U	1.3
Trichloroethene	15	U
Vinyl chloride	1,400	1.0
Total Detected VOCs (µg/m ³)	2,789	84
Vacuum (inches Hg)	23	1.397
Air Flow Rate (acfm)	82.64	167.57
VOC discharge loading (lb/hr)	0.000864	0.000052
Total VOC discharge loading (lb/hr)	0.000916	
Notes:		
1. µg/m ³ = micrograms per cubic meter		
2. acfm = actual cubic feet per minute		
3. Hg = Mercury		
4. scfm = standard cubic feet per minute		
5. lb/hr = pounds per hour		
6. AS Effluent represents the untreated vapor discharge for the Air Stripper.		
Qualifiers:		
U - Not detected at or above reporting limit (reporting limit not included in the Total Detected VOCs).		

Table 14

**Volatile Organic Compound Mass Removed - Aqueous Phase
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Sample ID Sample Date	Influent 3Q24 7/1/2024	Influent 4Q24 10/3/2024	Influent 1Q25 1/14/2025	Influent 2Q25 4/1/2025
VOCs (Method 8260) (µg/L)				
2-Butanone (MEK)	- U	- U	- U	- U
Acetone	- U	- U	- U	- U
Chloroethane	5.9	- U	- U	- U
2-Hexanone	- U	- U	- U	- U
Carbon disulfide	- U	- U	- U	- U
cis-1,2-Dichloroethene	13	3.6 J	- U	- U
Methylene Chloride	3.1 J	- U	- U	- U
Total VOCs (µg/L)	22	3.6	0.0	0.0
Totalizer Readings (gallons)	452,690 (4/2/24) 577,217 (7/1/24)	577,217 (7/1/24) 667,089 (10/3/24)	667,089 (10/3/24) 830,100 (1/14/25)	830,100 (1/14/25) 955,643 (4/1/25)
Gallons Processed	124,527	89,872	163,011	125,543
VOCs Removed (pounds)	0.023	0.003	0.000	0.000
Total VOCs Removed (pounds)	0.026			

Notes:

1. µg/L = micrograms per liter
2. Influent - Represents the combined dual phase extraction and groundwater collection trench influent to the air stripper.
3. Dates are indicated next to the air stripper totalizer readings.
4. Totalizer readings from the air stripper effluent.
5. The majority of the VOCs removed is through the liquid ring pump vapor discharge before it reaches the air stripper.

Qualifiers:

- J - Indicates compounds detected as estimated.
- U - Indicates compounds not detected above the quantitation limit.

Table 15

**Combined DPE Remediation System Operation and Maintenance Schedule
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Frequency	Operation and Maintenance Activity
Weekly	Record System Operational Parameters Inspect All Piping, Mechanical, and Electrical Components Check/Fill LRP Seal Fluid Change Bag Filters/Clean Housings
Quarterly	Clean System Components (KO Tank, Hold Tank, Air Stripper)
Annually	Replace LRP Seal Fluid Change KO Tank Filter Replace LRP Separator Element Perform DPE Well and Conveyance Lines Scale Abatement Activity

Notes:

DPE: Dual Phase Extraction

KO: Knockout

LRP: Liquid Ring Pump

Table 16

Proposed Monitoring and Compliance Sampling Summary
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Location/Type	Matrix	Analytical Parameter										Comments
		VOCs (aqueous)	TOC (aqueous)	MNA (aqueous)	VFA (aqueous)	Gene-Trac® (aqueous)	TPH (aqueous)	TSS (aqueous)	pH (aqueous)	VOCs (vapor)		
Quarterly BSA Sampling - 4 Events												
Air Stripper Influent	aqueous	1	0	0	0	0	1	1	1	0	Four grabs over 8 hour process day	
Air Stripper Effluent	aqueous	1	0	0	0	0	1	1	1	0	Four grabs over 8 hour process day	
Trip Blank	aqueous	1	0	0	0	0	0	0	0	0	Quality Assurance/Quality Control	
Per Event		3	0	0	0	0	2	2	2	0		
Sub-Total		12	0	0	0	0	8	8	8	0		
Remedial Action Compliance Sampling												
Quarterly - 3 Events												
Primary Samples	aqueous	18	18	0	2	1	0	0	0	0	Wells: MW-2, MW-3, MW-4, MW-8R*, MW-11, MW-13S, MW-13D, MW-16S^, MW-16D, DPE-1, DPE-2, DPE-3, DPE-4, DPE-5, DPE-6, DPE-7, DPE-8, GWCT	
Subset Samples	aqueous	0	0	6	0	0	0	0	0	0	Wells: MW-4, MW-8R, MW-11, MW-13S, MW-16S, MW-16D	
Duplicate	aqueous	0	0	0	0	0	0	0	0	0	NYSDEC approved discontinuation of Duplicate Samples	
Trip Blank	aqueous	1	0	0	0	0	0	0	0	0	Quality Assurance/Quality Control	
Rinsate Blank	aqueous	0	0	0	0	0	0	0	0	0	NYSDEC approved discontinuation of Rinsate Blanks	
Air Stripper Effluent	air	0	0	0	0	0	0	0	0	1	Air Discharge Limit Compliance	
LRP Effluent	air	0	0	0	0	0	0	0	0	1	Air Discharge Limit Compliance	
Per Event		19	18	0	2	1	0	0	0	2		
Subtotal		57	54	6	2	1	0	0	0	6		
Annual Event - 1 Event												
Primary Samples	aqueous	23	23	0	2	1	0	0	0	0	Wells: MW-2, MW-3, MW-4, MW-8R*, MW-9, MW-11, MW-13S, MW-13D, MW-14S, MW-14D, MW-15S, MW-15D, MW-16S^, MW-16D, DPE-1, DPE-2, DPE-3, DPE-4, DPE-5, DPE-6, DPE-7, DPE-8, GWCT	
Subset Samples	aqueous	0	0	6	0	0	0	0	0	0	Wells: MW-4, MW-8R, MW-11, MW-13S, MW-16S, MW-16D	
Trip Blank	aqueous	1	0	0	0	0	0	0	0	0	Quality Assurance/Quality Control	
Duplicate	aqueous	0	0	0	0	0	0	0	0	0	NYSDEC approved discontinuation of Duplicate Samples	
Rinsate Blank	aqueous	0	0	0	0	0	0	0	0	0	NYSDEC approved discontinuation of Rinsate Blanks	
Air Stripper Effluent	air	0	0	0	0	0	0	0	0	1	Air Discharge Limit Compliance	
LRP Effluent	air	0	0	0	0	0	0	0	0	1	Air Discharge Limit Compliance	
Subtotal		24	23	6	2	1	0	0	0	2		
Total		93	77	12	4	2	8	8	8	8		

Notes:
 Volatile organic compounds (VOCs) by USEPA SW-846 Method 8260C (aqueous).
 Total organic carbon (TOC) by USEPA SW-846 Method 9060A (aqueous).
 Monitored natural attenuation (MNA) by dissolved gases using Method RSK-175, anions, ion chromatography using Method 300.0, alkalinity using Method 310.2, nitrate, nitrogen, nitrite using Method 353.2, iron, ferrous and ferric using Method SM 3500 FE D, and total sulfide using Method SM 4500 S2 F.
 Total extractable hydrocarbons (TPH) by 40 CFR 136 Method 160.2
 Total suspended solids (TSS) by 40 CFR 136 Method 1664
 pH by 40 CFR 136 Method 150.1
 VOCs by USEPA Method TO-15 (air)
 MW - Monitoring Well
 DPE - Dual Phase Extraction
 GWCT - Groundwater Collection Trench
 LRP - Liquid Ring Pump
 * Volatile Fatty Acids (VFA) and Gene-Trac® samples collected in October and April
 ^ VFA sample
 ^ VFA and Gene-Trac sample
 BSA - Buffalo Sewer Authority

Table 17

**Proposed Groundwater Monitoring Schedule - July 2025 through April 2026
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Event Date	Number of Locations Scheduled for Sampling	Locations Scheduled for Sampling			
Quarterly Groundwater Monitoring					
July 2025	18	MW-2 MW-11 MW-16D DPE-4 DPE-8	MW-3 MW-13S DPE-1 DPE-5 GWCT	MW-4 MW-13D DPE-2 DPE-6	MW-8R MW-16S DPE-3 DPE-7
October 2025	18	MW-2 MW-11 MW-16D DPE-4 DPE-8	MW-3 MW-13S DPE-1 DPE-5 GWCT	MW-4 MW-13D DPE-2 DPE-6	MW-8R MW-16S DPE-3 DPE-7
January 2026	18	MW-2 MW-11 MW-16D DPE-4 DPE-8	MW-3 MW-13S DPE-1 DPE-5 GWCT	MW-4 MW-13D DPE-2 DPE-6	MW-8R MW-16S DPE-3 DPE-7
Comprehensive Annual Groundwater Monitoring					
April 2026	23	MW-2 MW-9 MW-14S MW-16S DPE-3 DPE-7	MW-3 MW-11 MW-14D MW-16D DPE-4 DPE-8	MW-4 MW-13S MW-15S DPE-1 DPE-5 GWCT	MW-8R MW-13D MW-15D DPE-2 DPE-6

Notes:

- MW-## - Monitoring Well
- MW-##S - Shallow Piezometer
- MW-##D - Deep Piezometer
- DPE-## - Dual Phase Extraction Well
- GWCT - Groundwater Collection Trench

Appendix A Former Scott Aviation Plant 2 O&M Checklist

AECOM Technical Services, Inc.
SCOTT AVIATION WEST OF PLANT 2 O&M CHECKLIST (updated 12/2024)

Date: _____

Weather: _____

Time: _____

Field Technician Name: _____

DPE Process Room

DPE Wells (indicate if well is in operation; YES or NO)

DPE-1 _____ DPE-5 _____

DPE-2 _____ DPE-6 _____ OFF LINE

DPE-3 _____ DPE-7 _____

DPE-4 _____ DPE-8 _____

Comments: _____

LRP Tank Exhaust Temperature - _____ °F LRP Flow Rate - _____ x1000 FPM

LRP Filter Pressure - _____ PSI KO Tank Vacuum - _____ "Hg

LRP Oil Level (above/below fill line) - _____

LRP Inlet Vacuum - _____ "Hg

LRP Exhaust Temperature - _____ °F

LRP Hour Meter _____ HRS

Comments: _____

DPE Control Room

LRP Hour Meter - _____ HRS

KO Tank Hour Meter - _____ HRS

Hold Tank Hour Meter - _____ HRS

Comments: _____

Groundwater Treatment Building

GW Trench Totalizer _____ GAL Air Stripper Vacuum - _____ "H₂O

Air Stripper Effluent Flowrate - _____ GPM Air Stripper Flow - _____ "H₂O

Air Stripper Effluent Totalizer - _____ GAL AS Flow Gauge - _____ SCFM

Air Stripper Effluent Temperature - _____ °F

Comments: _____

Appendix B April 2025 Groundwater Sampling Logs

Date (mo/day/yr) <u>4/3/2025</u>	Casing Diameter <u>2</u> inches
Field Personnel <u>C. Horrocks</u>	Casing Material <u>PVC</u>
Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>	Measuring Point Elevation <u>688.68</u> 1/100 ft
Job # <u>60676130</u>	Height of Riser (above land surface) <u>3.38</u> 1/100 ft
Well ID # <u>MW-2</u>	Land Surface Elevation <u>685.3</u> 1/100 ft
<input type="checkbox"/> Upgradient <input type="checkbox"/> Downgradient	Screened Interval (below land surface) <u>7-17</u> 1/100 ft
Weather Conditions <u>Cloudy</u>	
Air Temperature <u>58</u> °F	
Total Depth (TWD) Below Top of Casing = <u>16.4</u> 1/100 ft	
Depth to Groundwater (DGW) Below Top of Casing = <u>4.89</u> 1/100 ft	
Length of Water Column (LWC) = TWD - DGW = <u>11.51</u> 1/100 ft	
1 Casing Volume (OCV) = LWC x <u>0.17</u> = <u>2.0</u> gal	
3 Casing Volumes = <u>5.87</u> gal	
Method of Well Evacuation <u>Peristaltic Pump</u>	
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>	
Total Volume of Water Removed <u>2.0</u> gal	

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C TCL List)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	3	H ₂ SO ₄ , 4°C	

	200	200	200	200	200	200	200
Flow Rate (ml/min)	200	200	200	200	200	200	200
Time (Military)	1215	1220	1225	1230	1235	1240	1245
Depth to Groundwater Below Top of Casing (ft)	6.02	7.58	8.42	8.89	9.52	9.91	10.31
Drawdown (ft)	-1.13	-1.56	-0.84	-0.47	-0.63	-0.39	-0.40
pH (S.U.)	7.24	7.16	7.20	7.53	7.31	7.24	7.28
Sp. Cond. (mS/cm)	1.545	1.628	1.493	0.884	1.281	1.306	1.301
Turbidity (NTUs)	121	10.9	5.11	3.07	2.62	3.01	2.72
Dissolved Oxygen (mg/L)	4.76	1.00	0.83	0.95	0.99	0.94	0.91
Water Temperature (°C)	11.0	10.6	10.4	9.5	9.6	10.0	10.0
ORP (mV)	22.4	-42.9	-59.9	-78.4	-65.0	-66.7	-67.6

Physical appearance at start	Color	<u>Cloudy</u>	Physical appearance at sampling	Color	<u>Clear</u>
	Odor	<u>None</u>		Odor	<u>None</u>
Sheen/Free Product		<u>None</u>	Sheen/Free Product		<u>None</u>

COMMENTS/OBSERVATIONS Started purge at 1212

Sampled at 1245

Date (mo/day/yr) <u>4/3/2025</u>	Casing Diameter <u>2</u> inches
Field Personnel <u>C. Horrocks</u>	Casing Material <u>PVC</u>
Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>	Measuring Point Elevation <u>687.05</u> 1/100 ft
Job # <u>60676130</u>	Height of Riser (above land surface) <u>1.15</u> 1/100 ft
Well ID # <u>MW-3</u>	Land Surface Elevation <u>685.9</u> 1/100 ft
<input type="checkbox"/> Upgradient <input type="checkbox"/> Downgradient	Screened Interval (below land surface) <u>7.5 - 27.5</u> 1/100 ft
Weather Conditions <u>Cloudy/Windy</u>	
Air Temperature <u>65</u> °F	
Total Depth (TWD) Below Top of Casing = <u>28</u> 1/100 ft	
Depth to Groundwater (DGW) Below Top of Casing = <u>8.96</u> 1/100 ft	
Length of Water Column (LWC) = TWD - DGW = <u>19.04</u> 1/100 ft	
1 Casing Volume (OCV) = LWC x <u>0.17</u> = <u>3.2</u> gal	
3 Casing Volumes = <u>9.71</u> gal	
Method of Well Evacuation <u>Peristaltic Pump</u>	
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>	
Total Volume of Water Removed <u>2.0</u> gal	

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C TCL List)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	3	H ₂ SO ₄ , 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	200	200	200	200	200	200
Time (Military)	1010	1015	1020	1025	1030	1035
Depth to Groundwater Below Top of Casing (ft)	9.40	10.79	12.21	13.12	13.43	13.51
Drawdown (ft)	-0.44	-1.39	-1.42	-0.91	-0.31	-0.08
pH (S.U.)	7.75	7.60	7.57	7.53	7.52	7.53
Sp. Cond. (mS/cm)	1.087	1.082	1.081	1.079	1.077	1.073
Turbidity (NTUs)	487	273	108	73.0	70.2	68.3
Dissolved Oxygen (mg/L)	2.46	1.02	0.89	0.85	0.89	0.86
Water Temperature (°C)	11.4	11.2	11.1	11.0	11.0	11.4
ORP (mV)	50.4	48.3	46.1	44.0	44.5	44.6

Physical appearance at start	Color <u>Red</u>	Odor <u>None</u>	Sheen/Free Product <u>None</u>	Physical appearance at sampling	Color <u>Slightly Cloudy</u>	Odor <u>None</u>	Sheen/Free Product <u>None</u>
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COMMENTS/OBSERVATIONS Started purge at 1007
Sampled at 1035

Date (mo/day/yr) <u>4/1/2025</u>	Casing Diameter <u>2</u> inches
Field Personnel <u>C. Horrocks</u>	Casing Material <u>PVC</u>
Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>	Measuring Point Elevation <u>686.5</u> 1/100 ft
Job # <u>60676130</u>	Height of Riser (above land surface) <u>-0.39</u> 1/100 ft
Well ID # <u>MW-4</u>	Land Surface Elevation <u>686.89</u> 1/100 ft
<input type="checkbox"/> Upgradient <input type="checkbox"/> Downgradient	Screened Interval (below land surface) <u>15.5 - 25.5</u> 1/100 ft
Weather Conditions <u>Sunny</u>	
Air Temperature <u>36</u> °F	
Total Depth (TWD) Below Top of Casing = <u>26</u> 1/100 ft	
Depth to Groundwater (DGW) Below Top of Casing = <u>9.07</u> 1/100 ft	
Length of Water Column (LWC) = TWD - DGW = <u>16.93</u> 1/100 ft	
1 Casing Volume (OCV) = LWC x <u>0.17</u> = <u>2.88</u> gal	
3 Casing Volumes = <u>8.63</u> gal	
Method of Well Evacuation <u>Peristaltic Pump</u>	
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>	
Total Volume of Water Removed <u>2.0</u> gal	

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C TCL List)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	3	H ₂ SO ₄ , 4°C	
Various	MNA	12	Various	
VOA 40 mL glass	VFA	2	None	

FIELD ANALYSES

Flow Rate (ml/min)	200	200	200	200	200	200		
Time (Military)	1205	1210	1215	1220	1225	1230		
Depth to Groundwater Below Top of Casing (ft)	10.05	11.51	12.85	14.03	15.31	16.62		
Drawdown (ft)	-0.98	-1.46	-1.34	-1.18	-1.28	-1.31		
pH (S.U.)	7.58	7.71	7.73	7.62	7.60	7.63		
Sp. Cond. (mS/cm)	2.513	2.489	2.488	2.527	2.532	2.531		
Turbidity (NTUs)	223	250	184	148	157	149		
Dissolved Oxygen (mg/L)	1.26	0.93	0.89	0.75	0.73	0.73		
Water Temperature (°C)	10.6	10.6	10.6	10.7	10.8	10.7		
ORP (mV)	-101.3	-119.8	-129.5	-126.9	-126.8	-128.5		

Physical appearance at start	Color <u>Cloudy</u>	Odor <u>None</u>	Sheen/Free Product <u>None</u>	Physical appearance at sampling	Color <u>Cloudy</u>	Odor <u>None</u>	Sheen/Free Product <u>None</u>
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COMMENTS/OBSERVATIONS Started purge at 1201.

Sampled at 1230

Date (mo/day/yr) <u>4/1/2025</u>	Casing Diameter <u>4</u> inches
Field Personnel <u>C. Horrocks</u>	Casing Material <u>PVC</u>
Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>	Measuring Point Elevation <u>686.29</u> 1/100 ft
Job # <u>60676130</u>	Height of Riser (above land surface) <u>-0.29</u> 1/100 ft
Well ID # <u>MW-8R</u>	Land Surface Elevation <u>686.58</u> 1/100 ft
<input type="checkbox"/> Upgradient <input type="checkbox"/> Downgradient	Screened Interval (below land surface) <u>14 - 24</u> 1/100 ft
Weather Conditions <u>Sunny</u>	
Air Temperature <u>35</u> °F	
Total Depth (TWD) Below Top of Casing = <u>27.5</u> 1/100 ft	
Depth to Groundwater (DGW) Below Top of Casing = <u>6.19</u> 1/100 ft	
Length of Water Column (LWC) = TWD - DGW = <u>21.31</u> 1/100 ft	
1 Casing Volume (OCV) = LWC x <u>0.17</u> = <u>3.6</u> gal	
3 Casing Volumes = <u>10.87</u> gal	
Method of Well Evacuation <u>Peristaltic Pump</u>	
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>	
Total Volume of Water Removed <u>2.0</u> gal	

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C TCL List)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	3	H ₂ SO ₄ , 4°C	
Various	MNA	12	Various	

	200	200	200	200	200	200	200
Flow Rate (ml/min)	200	200	200	200	200	200	200
Time (Military)	1100	1105	1110	1115	1120	1125	1130
Depth to Groundwater Below Top of Casing (ft)	7.30	8.39	9.50	10.53	11.40	12.33	13.32
Drawdown (ft)	-1.11	-1.09	-1.11	-1.03	-0.87	-0.93	-0.99
pH (S.U.)	7.67	7.82	7.83	7.80	7.77	7.74	7.72
Sp. Cond. (S/cm)	1.354	1.353	1.352	1.353	1.361	1.359	1.359
Turbidity (NTUs)	170	175	166	120	109	107	108
Dissolved Oxygen (g/L)	1.66	1.09	0.94	0.86	0.87	0.82	0.79
Water Temperature (°C)	10.1	10.1	10.1	10.1	10.1	10.2	10.2
ORP (mV)	-108.5	-131.5	-138.6	-139.1	-128.6	-123.6	-129.9

Physical appearance at start	Color	<u>Cloudy</u>	Physical appearance at sampling	Color	<u>Slightly Cloudy</u>
	Odor	<u>None</u>		Odor	<u>None</u>
Sheen/Free Product		<u>None</u>	Sheen/Free Product		<u>None</u>

COMMENTS/OBSERVATIONS Started purge at 1056.

Sampled at 1130.

Date (mo/day/yr) <u>4/3/2025</u>	Casing Diameter <u>2</u> inches
Field Personnel <u>C. Horrocks</u>	Casing Material <u>PVC</u>
Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>	Measuring Point Elevation <u>689.57</u> 1/100 ft
Job # <u>60676130</u>	Height of Riser (above land surface) <u>1.57</u> 1/100 ft
Well ID # <u>MW-9</u>	Land Surface Elevation <u>688.0</u> 1/100 ft
<input type="checkbox"/> Upgradient <input type="checkbox"/> Downgradient	Screened Interval (below land surface) <u>3.5 - 23.5</u> 1/100 ft
Weather Conditions <u>Cloudy/Windy</u>	
Air Temperature <u>63</u> °F	
Total Depth (TWD) Below Top of Casing = <u>23.5</u> 1/100 ft	
Depth to Groundwater (DGW) Below Top of Casing = <u>12.25</u> 1/100 ft	
Length of Water Column (LWC) = TWD - DGW = <u>11.25</u> 1/100 ft	
1 Casing Volume (OCV) = LWC x <u>0.17</u> = <u>1.9</u> gal	
3 Casing Volumes = <u>5.74</u> gal	
Method of Well Evacuation <u>Peristaltic Pump</u>	
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>	
Total Volume of Water Removed <u>2.0</u> gal	

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C TCL List)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	3	H ₂ SO ₄ , 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	200	200	200	200	200	200	
Time (Military)	1140	1145	1150	1155	1200	1205	
Depth to Groundwater Below Top of Casing (ft)	13.02	13.44	13.86	14.20	14.67	15.00	
Drawdown (ft)	-0.77	-0.42	-0.42	-0.34	-0.47	-0.33	
pH (S.U.)	7.59	7.43	7.50	7.53	7.50	7.48	
Sp. Cond. (mS/cm)	1.195	1.196	1.195	1.194	1.193	1.197	
Turbidity (NTUs)	72.7	44.9	47.5	46.2	45.9	44.3	
Dissolved Oxygen (mg/L)	7.62	7.38	7.37	7.38	7.38	7.38	
Water Temperature (°C)	11.1	10.7	10.5	10.5	10.4	10.3	
ORP (mV)	113.8	115.9	114.5	114.5	113.8	115.1	

Physical appearance at start	Color <u>Cloudy</u>	Odor <u>None</u>	Sheen/Free Product <u>None</u>	Physical appearance at sampling	Color <u>Clear</u>	Odor <u>None</u>	Sheen/Free Product <u>None</u>
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COMMENTS/OBSERVATIONS Started purge at 1136
Sampled at 1205

Date (mo/day/yr) <u>4/1/2025</u>	Casing Diameter <u>2</u> inches
Field Personnel <u>C. Horrocks</u>	Casing Material <u>PVC</u>
Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>	Measuring Point Elevation <u>688.61</u> 1/100 ft
Job # <u>60676130</u>	Height of Riser (above land surface) <u>-0.26</u> 1/100 ft
Well ID # <u>MW-11</u>	Land Surface Elevation <u>688.87</u> 1/100 ft
<input type="checkbox"/> Upgradient <input type="checkbox"/> Downgradient	Screened Interval (below land surface) <u>8.5 - 28.5</u> 1/100 ft
Weather Conditions <u>Sunny</u>	
Air Temperature <u>33</u> °F	
Total Depth (TWD) Below Top of Casing = <u>28.5</u> 1/100 ft	
Depth to Groundwater (DGW) Below Top of Casing = <u>9.87</u> 1/100 ft	
Length of Water Column (LWC) = TWD - DGW = <u>18.63</u> 1/100 ft	
1 Casing Volume (OCV) = LWC x <u>0.17</u> = <u>3.2</u> gal	
3 Casing Volumes = <u>9.50</u> gal	
Method of Well Evacuation <u>Peristaltic Pump</u>	
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>	
Total Volume of Water Removed <u>2.0</u> gal	

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C TCL List)	3	HCL, 4°C	Dup
VOA 40 mL glass	TOC (9060A)	3	H ₂ SO ₄ , 4°C	
Various	MNA	12	Various	

	250	250	250	250	250	250	250
Flow Rate (ml/min)	250	250	250	250	250	250	250
Time (Military)	0955	1000	1005	1010	1015	1020	1025
Depth to Groundwater Below Top of Casing (ft)	10.33	10.82	11.18	11.37	11.58	11.80	11.99
Drawdown (ft)	-0.46	-0.49	-0.36	-0.19	-0.21	-0.22	-0.19
pH (S.U.)	6.52	6.64	6.68	6.72	6.76	6.79	6.74
Sp. Cond. (mS/cm)	4.979	5.139	5.132	5.126	5.117	5.112	5.091
Turbidity (NTUs)	10.8	18.8	7.82	5.15	1.17	0.67	0.73
Dissolved Oxygen (mg/L)	3.41	1.31	1.07	0.99	0.93	0.89	0.87
Water Temperature (°C)	11.4	11.9	11.7	11.7	11.8	11.9	11.9
ORP (mV)	43.0	-55.6	-74.6	-80.4	-85.0	-91.3	-94.4

Physical appearance at start	Color	Clear	Physical appearance at sampling	Color	Clear
	Odor	None		Odor	None
Sheen/Free Product		None	Sheen/Free Product		None

COMMENTS/OBSERVATIONS Started purge at 0953

Sampled at 1025

Date (mo/day/yr) <u>4/1/2025</u>	Casing Diameter <u>1</u> inches
Field Personnel <u>C. Horrocks</u>	Casing Material <u>PVC</u>
Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>	Measuring Point Elevation <u>685.74</u> 1/100 ft
Job # <u>60676130</u>	Height of Riser (above land surface) <u>-0.50</u> 1/100 ft
Well ID # <u>MW-13S</u>	Land Surface Elevation <u>686.24</u> 1/100 ft
<input type="checkbox"/> Upgradient <input type="checkbox"/> Downgradient	Screened Interval (below land surface) <u>8.5-16.5</u> 1/100 ft
Weather Conditions <u>Sunny</u>	
Air Temperature <u>36</u> °F	
Total Depth (TWD) Below Top of Casing = <u>16.5</u> 1/100 ft	
Depth to Groundwater (DGW) Below Top of Casing = <u>5.51</u> 1/100 ft	
Length of Water Column (LWC) = TWD - DGW = <u>10.99</u> 1/100 ft	
1 Casing Volume (OCV) = LWC x <u>0.0408</u> = <u>0.4</u> gal	
3 Casing Volumes = <u>1.35</u> gal	
Method of Well Evacuation <u>Peristaltic Pump</u>	
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>	
Total Volume of Water Removed <u>1.0</u> gal	

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C TCL List)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	3	H ₂ SO ₄ , 4°C	
Various	MNA	12	Various	

	150	150	150	150	150	150	150
Flow Rate (ml/min)	150	150	150	150	150	150	150
Time (Military)	1305	1310	1315	1320	1325	1330	1335
Depth to Groundwater Below Top of Casing (ft)	7.63	8.89	9.20	9.45	9.83	10.17	10.43
Drawdown (ft)	-2.12	-1.26	-0.31	-0.25	-0.38	-0.34	-0.26
pH (S.U.)	7.73	7.63	7.56	7.54	7.51	7.47	7.45
Sp. Cond. (mS/cm)	1.327	1.315	1.325	1.334	1.347	1.349	1.349
Turbidity (NTUs)	140	91.9	71.9	45.5	29.3	26.0	25.8
Dissolved Oxygen (mg/L)	1.65	1.10	0.97	0.92	0.89	0.87	0.86
Water Temperature (°C)	9.3	9.2	9.1	9.1	9.1	9.1	9.2
ORP (mV)	-89.4	-96.6	-97.5	94.8	-92.2	-92.3	-93.4

Physical appearance at start	Color	Cloudy	Physical appearance at sampling	Color	Clear
	Odor	None		Odor	None
Sheen/Free Product		None	Sheen/Free Product		None

COMMENTS/OBSERVATIONS Started purge at 1301

Sampled at 1335

Date (mo/day/yr) <u>4/2/2025</u>	Casing Diameter <u>1</u> inches
Field Personnel <u>C. Horrocks</u>	Casing Material <u>PVC</u>
Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>	Measuring Point Elevation <u>685.88</u> 1/100 ft
Job # <u>60676130</u>	Height of Riser (above land surface) <u>-0.36</u> 1/100 ft
Well ID # <u>MW-13D</u>	Land Surface Elevation <u>686.24</u> 1/100 ft
<input type="checkbox"/> Upgradient <input type="checkbox"/> Downgradient	Screened Interval (below land surface) <u>19.5-23.5</u> 1/100 ft
Weather Conditions <u>Cloudy</u>	
Air Temperature <u>37</u> °F	
Total Depth (TWD) Below Top of Casing = <u>23.5</u> 1/100 ft	
Depth to Groundwater (DGW) Below Top of Casing = <u>9.17</u> 1/100 ft	
Length of Water Column (LWC) = TWD - DGW = <u>14.33</u> 1/100 ft	
1 Casing Volume (OCV) = LWC x <u>0.0408</u> = <u>0.6</u> gal	
3 Casing Volumes = <u>1.75</u> gal	
Method of Well Evacuation <u>Peristaltic Pump</u>	
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>	
Total Volume of Water Removed <u>1.5</u> gal	

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C TCL List)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	3	H ₂ SO ₄ , 4°C	

	150	150	150	150	150	150		
Flow Rate (ml/min)	150	150	150	150	150	150		
Time (Military)	1055	1100	1105	1110	1115	1120		
Depth to Groundwater Below Top of Casing (ft)	10.23	11.03	12.51	13.95	14.22	14.61		
Drawdown (ft)	-1.06	-0.80	-1.48	-1.44	-0.27	-0.39		
pH (S.U.)	7.98	7.83	7.85	7.83	7.83	7.82		
Sp. Cond. (mS/cm)	1.175	1.168	1.166	1.179	1.170	1.169		
Turbidity (NTUs)	30.5	26.5	24.2	10.4	7.29	8.17		
Dissolved Oxygen (mg/L)	3.66	1.77	1.29	1.07	0.97	0.92		
Water Temperature (°C)	9.7	10.0	10.2	10.1	10.2	10.3		
ORP (mV)	7.9	-9.7	-31.9	-50.6	-62.1	-70.2		

Physical appearance at start	Color	Clear	Physical appearance at sampling	Color	Clear
	Odor	None		Odor	None
Sheen/Free Product		None	Sheen/Free Product		None

COMMENTS/OBSERVATIONS Started purge at 1052

Sampled at 1120

Date (mo/day/yr) <u>4/3/2025</u>	Casing Diameter <u>1</u> inches
Field Personnel <u>C. Horrocks</u>	Casing Material <u>PVC</u>
Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>	Measuring Point Elevation <u>685.65</u> 1/100 ft
Job # <u>60676130</u>	Height of Riser (above land surface) _____ 1/100 ft
Well ID # <u>MW-14S</u>	Land Surface Elevation <u>686.93</u> 1/100 ft
_____ Upgradient _____ Downgradient	Screened Interval (below land surface) <u>8.5-16.5</u> 1/100 ft
Weather Conditions <u>Cloudy/Windy</u>	
Air Temperature <u>62</u> °F	
Total Depth (TWD) Below Top of Casing = <u>16.5</u> 1/100 ft	
Depth to Groundwater (DGW) Below Top of Casing = <u>4.55</u> 1/100 ft	
Length of Water Column (LWC) = TWD - DGW = <u>11.95</u> 1/100 ft	
1 Casing Volume (OCV) = LWC x <u>0.0408</u> = <u>0.5</u> gal	
3 Casing Volumes = <u>1.46</u> gal	
Method of Well Evacuation <u>Peristaltic Pump</u>	
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>	
Total Volume of Water Removed <u>1.0</u> gal	

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C TCL List)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	3	H ₂ SO ₄ , 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	150	150	150	150	150	150	
Time (Military)	0835	0840	0845	0850	0855	0900	
Depth to Groundwater Below Top of Casing (ft)	4.55	5.48	7.52	8.93	9.02	9.17	
Drawdown (ft)	0.00	-0.93	-2.04	-1.41	-0.09	-0.15	
pH (S.U.)	7.49	7.22	7.22	7.19	7.20	7.23	
Sp. Cond. (S/cm)	1.237	1.213	1.158	1.150	1.142	1.147	
Turbidity (NTUs)	81.7	50.2	60.8	5.96	5.99	6.93	
Dissolved Oxygen (g/L)	4.12	2.17	1.36	1.62	1.58	1.64	
Water Temperature (°C)	11.0	10.3	10.1	10.3	10.4	10.4	
ORP (mV)	28.9	-10.9	-14.7	-6.9	-0.5	-3.5	

Physical appearance at start	Color <u>Clear</u>	Physical appearance at sampling	Color <u>Clear</u>
	Odor <u>None</u>		Odor <u>None</u>
Sheen/Free Product _____	<u>None</u>	Sheen/Free Product _____	<u>None</u>

COMMENTS/OBSERVATIONS Started purge at 0833

Sampled at 0900

Date (mo/day/yr) <u>4/3/2025</u>	Casing Diameter <u>1</u> inches
Field Personnel <u>C. Horrocks</u>	Casing Material <u>PVC</u>
Site Name Former Scott Aviation Site - Lancaster, NY	Measuring Point Elevation <u>685.84</u> 1/100 ft
Job # <u>60676130</u>	Height of Riser (above land surface) _____ 1/100 ft
Well ID # <u>MW-14D</u>	Land Surface Elevation _____ 1/100 ft
<input type="checkbox"/> Upgradient <input type="checkbox"/> Downgradient	Screened Interval (below land surface) <u>18.5-23.5</u> 1/100 ft
Weather Conditions <u>Cloudy/Windy</u>	
Air Temperature <u>62</u> °F	
Total Depth (TWD) Below Top of Casing = <u>23.5</u> 1/100 ft	
Depth to Groundwater (DGW) Below Top of Casing = <u>10.03</u> 1/100 ft	
Length of Water Column (LWC) = TWD - DGW = <u>13.47</u> 1/100 ft	
1 Casing Volume (OCV) = LWC x <u>0.0408</u> = <u>0.5</u> gal	
3 Casing Volumes = <u>1.65</u> gal	
Method of Well Evacuation <u>Peristaltic Pump</u>	
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>	
Total Volume of Water Removed <u>1.5</u> gal	

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C TCL List)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	3	H ₂ SO ₄ , 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	150	150	150	150	150	150	150	150
Time (Military)	0920	0925	0930	0935	0940	0945	0950	0955
Depth to Groundwater Below Top of Casing (ft)	10.42	10.94	11.54	11.87	12.23	12.71	13.14	13.43
Drawdown (ft)	-0.39	-0.52	-0.60	-0.33	-0.36	-0.48	-0.43	-0.29
pH (S.U.)	8.22	7.95	7.72	7.61	7.50	7.48	7.46	7.46
Sp. Cond. (mS/cm)	0.838	0.846	0.882	0.923	0.972	0.999	1.002	0.993
Turbidity (NTUs)	94.3	89.6	96.2	52.7	47.3	34.6	39.2	38.3
Dissolved Oxygen (mg/L)	9.31	7.87	5.45	4.36	3.09	2.53	2.42	2.49
Water Temperature (°C)	11.9	10.9	10.9	11.0	11.2	11.2	11.6	11.7
ORP (mV)	55.2	37.0	37.3	36.1	29.0	22.8	19.0	16.8

Physical appearance at start	Color <u>Slightly Cloudy</u>	Physical appearance at sampling	Color <u>Clear</u>
	Odor <u>None</u>		Odor <u>None</u>
Sheen/Free Product	<u>None</u>	Sheen/Free Product	<u>None</u>

COMMENTS/OBSERVATIONS Started purge at 0918

Sampled at 0955

Date (mo/day/yr) <u>4/2/2025</u>	Casing Diameter <u>1</u> inches
Field Personnel <u>C. Horrocks</u>	Casing Material <u>PVC</u>
Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>	Measuring Point Elevation <u>687.52</u> 1/100 ft
Job # <u>60676130</u>	Height of Riser (above land surface) <u>-0.33</u> 1/100 ft
Well ID # <u>MW-15S</u>	Land Surface Elevation <u>687.85</u> 1/100 ft
<input type="checkbox"/> Upgradient <input type="checkbox"/> Downgradient	Screened Interval (below land surface) <u>12-18</u> 1/100 ft
Weather Conditions <u>Cloudy</u>	
Air Temperature <u>43</u> °F	
Total Depth (TWD) Below Top of Casing = <u>18</u> 1/100 ft	
Depth to Groundwater (DGW) Below Top of Casing = <u>0.91</u> 1/100 ft	
Length of Water Column (LWC) = TWD - DGW = <u>17.09</u> 1/100 ft	
1 Casing Volume (OCV) = LWC x <u>0.0408</u> = <u>0.697272</u> gal	
3 Casing Volumes = <u>2.09</u> gal	
Method of Well Evacuation <u>Peristaltic Pump</u>	
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>	
Total Volume of Water Removed <u>1.5</u> gal	

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C TCL List)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	3	H ₂ SO ₄ , 4°C	

	150	150	150	150	150	150	150
Flow Rate (ml/min)	150	150	150	150	150	150	150
Time (Military)	1205	1210	1215	1220	1225	1230	1235
Depth to Groundwater Below Top of Casing (ft)	1.83	2.05	2.17	2.21	2.21	2.21	2.21
Drawdown (ft)	-0.92	-0.22	-0.12	-0.04	0.00	0.00	0.00
pH (S.U.)	8.49	9.77	11.85	12.28	12.43	12.45	12.50
Sp. Cond. (mS/cm)	0.357	0.514	0.862	1.115	1.332	1.362	1.374
Turbidity (NTUs)	244	228	133.0	94.3	57.5	56.8	54.2
Dissolved Oxygen (mg/L)	5.08	2.01	1.36	1.17	1.07	1.02	0.97
Water Temperature (°C)	8.7	9.0	9.3	9.4	9.4	9.5	9.5
ORP (mV)	-58.8	-122.1	-199.6	-220.5	-230.9	-235.8	-241.2

Physical appearance at start	Color <u>Cloudy</u>	Physical appearance at sampling	Color <u>Clear</u>
	Odor <u>None</u>		Odor <u>None</u>
Sheen/Free Product <u>None</u>		Sheen/Free Product <u>None</u>	

COMMENTS/OBSERVATIONS Started purge at 1202
Sampled at 1235

Date (mo/day/yr) <u>4/2/2025</u>	Casing Diameter <u>1</u> inches
Field Personnel <u>C. Horrocks</u>	Casing Material <u>PVC</u>
Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>	Measuring Point Elevation <u>687.62</u> 1/100 ft
Job # <u>60676130</u>	Height of Riser (above land surface) <u>-0.27</u> 1/100 ft
Well ID # <u>MW-15D</u>	Land Surface Elevation <u>687.89</u> 1/100 ft
<input type="checkbox"/> Upgradient <input type="checkbox"/> Downgradient	Screened Interval (below land surface) <u>21-25</u> 1/100 ft
Weather Conditions <u>Cloudy</u>	
Air Temperature <u>44</u> °F	
Total Depth (TWD) Below Top of Casing = <u>25</u> 1/100 ft	
Depth to Groundwater (DGW) Below Top of Casing = <u>12.17</u> 1/100 ft	
Length of Water Column (LWC) = TWD - DGW = <u>12.83</u> 1/100 ft	
1 Casing Volume (OCV) = LWC x <u>0.0408</u> = <u>0.5</u> gal	
3 Casing Volumes = <u>1.57</u> gal	
Method of Well Evacuation <u>Peristaltic Pump</u>	
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>	
Total Volume of Water Removed <u>1.0</u> gal	

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C TCL List)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	3	H ₂ SO ₄ , 4°C	

	150	150	150	150	150	150		
Flow Rate (ml/min)	150	150	150	150	150	150		
Time (Military)	1320	1325	1330	1335	1340	1345		
Depth to Groundwater Below Top of Casing (ft)	12.93	14.43	14.62	14.91	15.23	15.45		
Drawdown (ft)	-0.76	-1.50	-0.19	-0.29	-0.32	-0.22		
pH (S.U.)	9.32	8.51	8.36	8.24	8.19	8.18		
Sp. Cond. (mS/cm)	1.387	1.538	1.573	1.625	1.640	1.670		
Turbidity (NTUs)	144	28.1	8.75	6.40	5.21	4.73		
Dissolved Oxygen (mg/L)	4.25	1.30	1.13	1.00	0.99	0.93		
Water Temperature (°C)	9.0	10.7	10.9	11.0	10.7	10.6		
ORP (mV)	-17.5	133.5	-142.5	-149.0	-150.7	-151.3		

Physical appearance at start	Color <u>Clear</u>	Physical appearance at sampling	Color <u>Clear</u>
	Odor <u>None</u>		Odor <u>None</u>
Sheen/Free Product <u>None</u>		Sheen/Free Product <u>None</u>	

COMMENTS/OBSERVATIONS Started purge at 1316

Sampled at 1345

Date (mo/day/yr) <u>4/1/2025</u>	Casing Diameter <u>1</u> inches
Field Personnel <u>C. Horrocks</u>	Casing Material <u>PVC</u>
Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>	Measuring Point Elevation <u>688.15</u> 1/100 ft
Job # <u>60676130</u>	Height of Riser (above land surface) <u>2.46</u> 1/100 ft
Well ID # <u>MW-16S</u>	Land Surface Elevation <u>685.69</u> 1/100 ft
<input type="checkbox"/> Upgradient <input type="checkbox"/> Downgradient	Screened Interval (below land surface) <u>12 - 18</u> 1/100 ft
Weather Conditions <u>Sunny</u>	
Air Temperature <u>38</u> °F	
Total Depth (TWD) Below Top of Casing = <u>15.4</u> 1/100 ft	
Depth to Groundwater (DGW) Below Top of Casing = <u>4.99</u> 1/100 ft	
Length of Water Column (LWC) = TWD - DGW = <u>10.41</u> 1/100 ft	
1 Casing Volume (OCV) = LWC x <u>0.0408</u> = <u>0.4</u> gal	
3 Casing Volumes = <u>1.27</u> gal	
Method of Well Evacuation <u>Peristaltic Pump</u>	
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>	
Total Volume of Water Removed <u>1.0</u> gal	

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C TCL List)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	3	H ₂ SO ₄ , 4°C	
Various	MNA	12	Various	
1 L	Gen-Trac	1	None	
VOA 40 mL glass	VFA	2	None	

FIELD ANALYSES	4/4/2023			
Flow Rate (ml/min)	150	150	150	150
Time (Military)	1402	1407	1412	1417
Depth to Groundwater Below Top of Casing (ft)	6.82	10.00	14.62	17.93
Drawdown (ft)	-1.83	-3.18	-4.62	-3.31
pH (S.U.)	7.33	7.19	7.15	7.09
Sp. Cond. (mS/cm)	3.480	3.525	3.500	3.481
Turbidity (NTUs)	122	57.6	88.6	78.3
Dissolved Oxygen (mg/L)	2.01	1.26	0.97	0.94
Water Temperature (°C)	8.1	8.6	8.4	8.5
ORP (mV)	-59.5	-69.0	-78.9	-82.3

Physical appearance at start	Color <u>Slightly Cloudy</u>	Physical appearance at sampling	Color <u>Clear</u>
	Odor <u>None</u>		Odor <u>None</u>
Sheen/Free Product <u>None</u>		Sheen/Free Product <u>None</u>	

COMMENTS/OBSERVATIONS Started purge at 1400. Dry at 1417

Sampled for VOC and TOC at 0900 on 4/2/25. VFA sampled on 4/3/24. MNA sampled on 4/2/24 at 0900

Date (mo/day/yr) <u>4/2/2025</u>	Casing Diameter <u>1</u> inches
Field Personnel <u>C. Horrocks</u>	Casing Material <u>PVC</u>
Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>	Measuring Point Elevation <u>688.16</u> 1/100 ft
Job # <u>60676130</u>	Height of Riser (above land surface) <u>2.47</u> 1/100 ft
Well ID # <u>MW-16D</u>	Land Surface Elevation <u>685.69</u> 1/100 ft
<u> </u> Upgradient <u> </u> Downgradient	Screened Interval (below land surface) <u>20-24</u> 1/100 ft
Weather Conditions <u>Cloudy</u>	
Air Temperature <u>33</u> °F	
Total Depth (TWD) Below Top of Casing = <u>24</u> 1/100 ft	
Depth to Groundwater (DGW) Below Top of Casing = <u>13.31</u> 1/100 ft	
Length of Water Column (LWC) = TWD - DGW = <u>10.69</u> 1/100 ft	
1 Casing Volume (OCV) = LWC x <u>0.0408</u> = <u>0.4</u> gal	
3 Casing Volumes = <u>1.31</u> gal	
Method of Well Evacuation <u>Peristaltic Pump</u>	
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>	
Total Volume of Water Removed <u>1.0</u> gal	

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C TCL List)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	3	H ₂ SO ₄ , 4°C	
Various	MNA	12	Various	

FIELD ANALYSES

Flow Rate (ml/min)	150	150	150	150	150	150	150
Time (Military)	0940	0945	0950	0955	1000	1005	1010
Depth to Groundwater Below Top of Casing (ft)	15.20	16.52	16.94	17.49	17.69	17.91	18.14
Drawdown (ft)	-1.89	-1.32	-0.42	-0.55	-0.20	-0.22	-0.23
pH (S.U.)	6.91	6.87	6.92	6.94	6.99	7.05	7.04
Sp. Cond. (mS/cm)	1.926	1.951	1.949	1.915	1.850	1.835	1.818
Turbidity (NTUs)	128	133	127	114	112	108	107
Dissolved Oxygen (g/L)	1.23	1.15	1.07	0.95	0.72	0.51	0.45
Water Temperature (°C)	9.5	9.8	9.3	9.4	9.4	9.5	9.5
ORP (mV)	-79.5	-82.1	-85.0	-85.8	-96.3	-98.2	-101.7

Physical appearance at start	Color <u>Cloudy</u>	Physical appearance at sampling	Color <u>Cloudy</u>
	Odor <u>None</u>		Odor <u>None</u>
Sheen/Free Product <u>None</u>		Sheen/Free Product <u>None</u>	

COMMENTS/OBSERVATIONS Started purge at 0937

Sampled at 1010.

Appendix C Current and Historical Summary of Groundwater Elevations

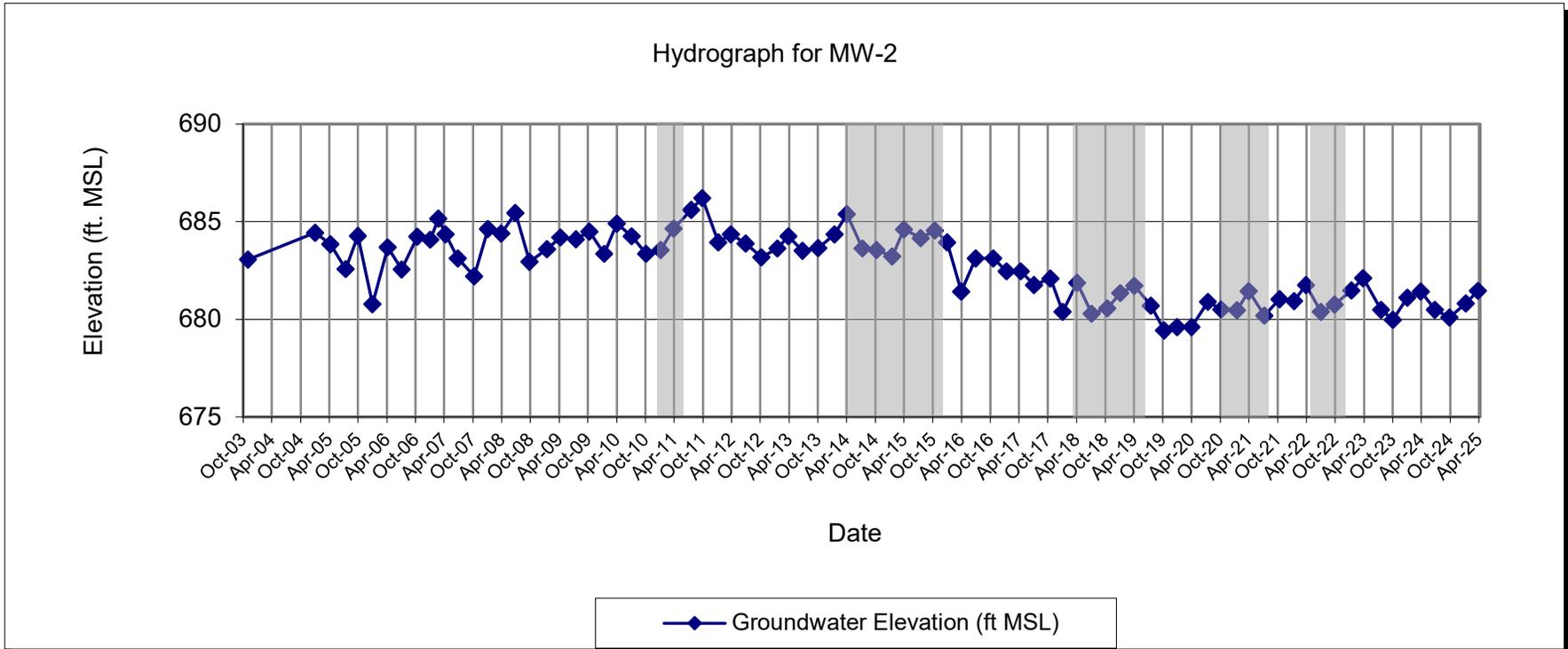
**MONITORING WELL MW-2
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York**

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	7.29	683.06
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	5.92	684.43
4/14/2005	6.50	683.85
7/20/2005	7.77	682.58
10/4/2005	6.08	684.27
1/5/2006	9.56	680.79
4/11/2006	6.65	683.70
7/10/2006	7.79	682.56
10/18/2006	6.11	684.24
1/9/2007	6.27	684.08
2/28/2007	5.20	685.15
4/16/2007	5.99	684.36
7/2/2007	7.22	683.13
10/15/2007	8.15	682.20
1/8/2008	5.73	684.62
4/2/2008	5.95	684.40
7/1/2008	4.90	685.45
9/30/2008	7.40	682.95
1/19/2009	6.75	683.60
4/14/2009	6.15	684.20
7/21/2009	6.25	684.10
10/14/2009	5.85	684.50
1/18/2010	7.00	683.35
4/8/2010	5.45	684.90
7/12/2010	6.10	684.25
10/11/2010	7.00	683.35
1/11/2011	6.80	683.55
4/4/2011	5.70	684.65
7/25/2011	4.75	685.60
10/3/2011	4.13	686.22
1/12/2012	6.40	683.95
4/2/2012	6.00	684.35
7/5/2012	6.47	683.88
10/11/2012	7.17	683.18
1/21/2013	6.72	683.63
4/1/2013	6.10	684.25
7/1/2013	6.84	683.51
10/9/2013	6.70	683.65
1/21/2014	6.00	684.35
4/7/2014	4.95	685.40
7/16/2014	6.72	683.63
10/14/2014	6.79	683.56
1/20/2015	7.12	683.23
4/6/2015	5.74	684.61
7/22/2015	6.19	684.16
10/19/2015	5.79	684.56
1/5/2016	6.41	683.94
4/4/2016	5.68	681.42
7/5/2016	5.56	683.12
10/24/2016	5.56	683.12
1/16/2017	6.21	682.47
4/18/2017	6.06	682.47
7/11/2017	6.92	681.76
10/23/2017	6.59	682.09
1/8/2018	6.61	680.39
4/11/2018	5.12	681.88
7/12/2018	6.71	680.29
10/19/2018	6.44	680.56
1/9/2019	5.65	681.35
4/8/2019	5.28	681.72
7/22/2019	6.30	680.70
10/14/2019	7.56	679.44
1/6/2020	7.39	679.61
4/6/2020	7.40	679.60
7/21/2020	6.10	680.90
10/13/2020	6.50	680.50
1/19/2021	6.53	680.47
4/6/2021	5.56	681.44
7/13/2021	6.80	680.20
10/18/2021	5.97	681.03
1/18/2022	6.07	680.93
4/4/2022	5.25	681.75
7/7/2022	6.62	680.38
10/3/2022	6.24	680.76
1/17/2023	5.52	681.48
4/3/2023	4.99	682.11
7/26/2023	6.61	680.49
10/9/2023	7.12	679.98
1/8/2024	5.98	681.12
4/1/2024	5.68	681.42
7/1/2024	6.61	680.49
10/2/2024	7.01	680.09
1/14/2025	6.28	680.82
4/1/2025	5.64	681.46

NOTES:

ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 690.35
DPE and GWCT off line for repairs in February 2007.
DPE off line for repairs in January 2008.
DPE off line for repairs in October 2013.
TOC Elevation re-measured June 13, 2008 at 687.1.
DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).
DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).
DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE injection pilot test (note shading on graph).
DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection (note shading on graph).
DPE-3, -5, -8 off line between March 2023 and October 2023 to accommodate electron donor injection (note shading on graph).

MONITORING WELL MW-2
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York



**MONITORING WELL MW-3
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York**

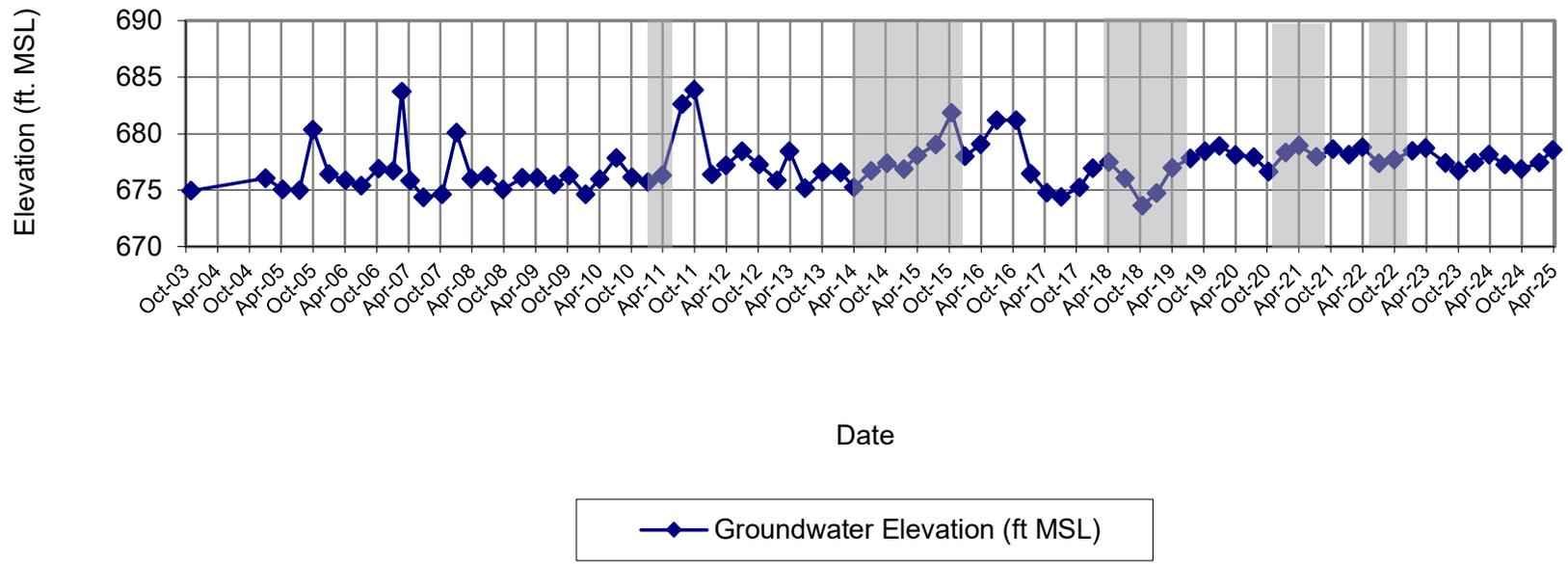
Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	12.76	674.96
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	11.65	676.07
4/14/2005	12.64	675.08
7/20/2005	12.73	674.99
10/4/2005	7.38	680.34
1/5/2006	11.31	676.41
4/11/2006	11.84	675.88
7/10/2006	12.31	675.41
10/18/2006	10.82	676.9
1/9/2007	10.99	676.73
2/28/2007	3.99	683.73
4/16/2007	11.87	675.85
7/2/2007	13.35	674.37
10/17/2007	13.1	674.62
1/8/2008	7.61	680.11
4/2/2008	11.71	676.01
7/1/2008	10.75	676.27
9/30/2008	11.95	675.07
1/19/2009	10.94	676.08
4/14/2009	10.94	676.08
7/21/2009	11.51	675.51
10/14/2009	10.75	676.27
1/18/2010	12.38	674.64
4/8/2010	11.02	676.00
7/12/2010	9.18	677.84
10/11/2010	10.90	676.12
1/12/2011	11.30	675.72
4/4/2011	10.70	676.32
7/25/2011	4.38	682.64
10/3/2011	3.14	683.88
1/12/2012	10.65	676.37
4/2/2012	9.81	677.21
7/5/2012	8.56	678.46
10/11/2012	9.77	677.25
1/21/2013	11.15	675.87
4/1/2013	8.56	678.46
7/1/2013	11.85	675.17
10/9/2013	10.43	676.59
1/21/2014	10.45	676.57
4/7/2014	11.77	675.25
7/16/2014	10.29	676.73
10/14/2014	9.65	677.37
1/20/2015	10.15	676.87
4/6/2015	8.94	678.08
7/22/2015	7.98	679.04
10/19/2015	5.15	681.87
1/5/2016	9.01	678.01
4/4/2016	8.00	679.05
7/5/2016	5.86	681.19
10/24/2016	5.86	681.19
1/16/2017	10.58	676.47
4/18/2017	12.29	674.76
7/11/2017	12.65	674.40
10/23/2017	11.80	675.25
1/8/2018	10.12	676.93
4/11/2018	9.58	677.47
7/12/2018	10.98	676.07
10/19/2018	13.40	673.65
1/9/2019	12.32	674.73
4/8/2019	10.09	676.96
7/22/2019	9.24	677.81
10/14/2019	8.61	678.44
1/6/2020	8.14	678.91
4/6/2020	8.93	678.12
7/21/2020	9.14	677.91
10/13/2020	10.41	676.64
1/19/2021	8.73	678.32
4/6/2021	8.10	678.95
7/13/2021	9.10	677.95
10/18/2021	8.41	678.64
1/18/2022	8.89	678.16
4/4/2022	8.24	678.81
7/7/2022	9.69	677.36
10/3/2022	9.33	677.72
1/17/2023	8.56	678.49
4/3/2023	8.33	678.72
7/26/2023	9.65	677.40
10/9/2023	10.35	676.70
1/8/2024	9.60	677.45
4/1/2024	8.91	678.14
7/1/2024	9.78	677.27
10/2/2024	10.17	676.88
1/14/2025	9.61	677.44
4/1/2025	8.50	678.55

NOTES:

ft MSL - feet mean sea level
 NA - Not Available
 NM - Not Measured
 TOC - top of PVC casing
 TOC Elevation - 687.72
 DPE and GWCT off line for repairs in February 2007.
 DPE off line for repairs in January 2008.
 DPE off line for repairs in October 2013.
 TOC Elevation re-measured June 13, 2008 at 687.02
 DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).
 DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).
 DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE injection pilot test (note shading on graph).
 DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection (note shading on graph).
 DPE-3, -5, -8 off line between March 2023 and October 2023 to accommodate electron donor injection (note shading on graph).

**MONITORING WELL MW-3
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York**

Hydrograph for MW-3



**MONITORING WELL MW-4
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York**

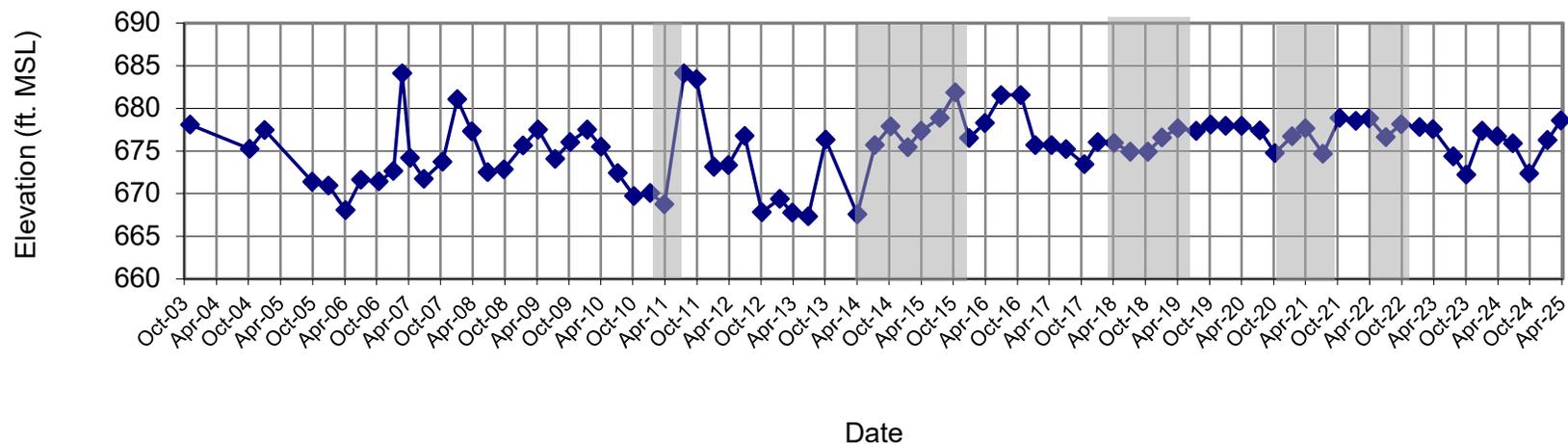
Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
1/7/2003	8.54	678.10
4/8/2004	NM	NA
10/12/2004	11.40	675.24
1/6/2005	9.20	677.44
4/14/2005	NM	NA
7/20/2005	NM	NA
10/4/2005	15.24	671.40
1/5/2006	15.71	670.93
4/11/2006	18.56	668.08
7/10/2006	15.02	671.62
10/18/2006	15.21	671.43
1/9/2007	14.00	672.64
2/28/2007	2.54	684.10
4/16/2007	12.45	674.19
7/2/2007	14.89	671.75
10/17/2007	12.91	673.73
1/8/2008	5.59	681.05
4/2/2008	9.31	677.33
7/1/2008	13.91	672.51
9/30/2008	13.55	672.87
1/19/2009	10.78	675.64
4/14/2009	8.90	677.52
7/21/2009	12.35	674.07
10/14/2009	10.40	676.02
1/18/2010	8.90	677.52
4/8/2010	10.90	675.52
7/12/2010	14.00	672.42
10/11/2010	16.69	669.73
1/12/2011	16.35	670.07
4/4/2011	17.67	668.75
7/25/2011	2.32	684.10
10/3/2011	2.98	683.44
1/12/2012	13.26	673.16
4/2/2012	13.10	673.32
7/6/2012	9.66	676.76
10/11/2012	18.60	667.82
1/21/2013	17.04	669.38
4/1/2013	18.65	667.77
7/1/2013	19.10	667.32
10/9/2013	10.10	676.32
1/21/2014	NM	NA
4/7/2014	18.85	667.57
7/16/2014	10.74	675.68
10/14/2014	8.52	677.90
1/20/2015	10.95	675.47
4/6/2015	9.05	677.37
7/22/2015	7.55	678.87
10/19/2015	4.59	681.83
1/5/2016	9.92	676.50
4/4/2016	8.20	678.30
7/5/2016	4.94	681.56
10/24/2016	4.94	681.56
1/16/2017	10.80	675.70
4/18/2017	11.92	675.70
7/11/2017	11.30	675.20
10/23/2017	13.06	673.44
1/8/2018	10.45	676.05
4/11/2018	10.55	675.95
7/12/2018	11.57	674.93
10/19/2018	11.57	674.93
1/9/2019	9.95	676.55
4/8/2019	8.83	677.67
7/22/2019	9.15	677.35
10/14/2019	8.39	678.11
1/6/2020	8.57	677.93
4/6/2020	8.57	677.93
7/21/2020	9.11	677.39
10/13/2020	11.72	674.78
1/19/2021	9.78	676.72
4/6/2021	8.84	677.66
7/13/2021	11.85	674.65
10/18/2021	7.65	678.85
1/18/2022	7.99	678.51
4/4/2022	7.67	678.83
7/7/2022	9.89	676.61
10/3/2022	8.35	678.15
1/17/2023	8.70	677.80
4/3/2023	8.93	677.57
7/28/2023	12.15	674.35
10/9/2023	14.30	672.20
1/8/2024	9.16	677.34
4/1/2024	9.79	676.71
7/1/2024	10.62	675.88
10/2/2024	14.12	672.38
1/14/2025	10.20	676.30
4/1/2025	7.91	678.59

NOTES:

ft MSL - feet mean sea level
 NA - Not Available
 NM - Not Measured
 TOC - top of PVC casing
 TOC Elevation - 686.64
 DPE and GWCT off line for repairs in February 2007.
 DPE off line for repairs in January 2008.
 DPE off line for repairs in October 2013.
 TOC Elevation re-measured on June 13, 2008 at 686.42.
 DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).
 DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).
 DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE injection pilot test (note shading on graph).
 DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection (note shading on graph).
 DPE-3, -5, -8 off line between March 2023 and October 2023 to accommodate electron donor injection (note shading on graph).

MONITORING WELL MW-4
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York

Hydrograph for MW-4



—◆— Groundwater Elevation (ft MSL)

**MONITORING WELL MW-8R
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York**

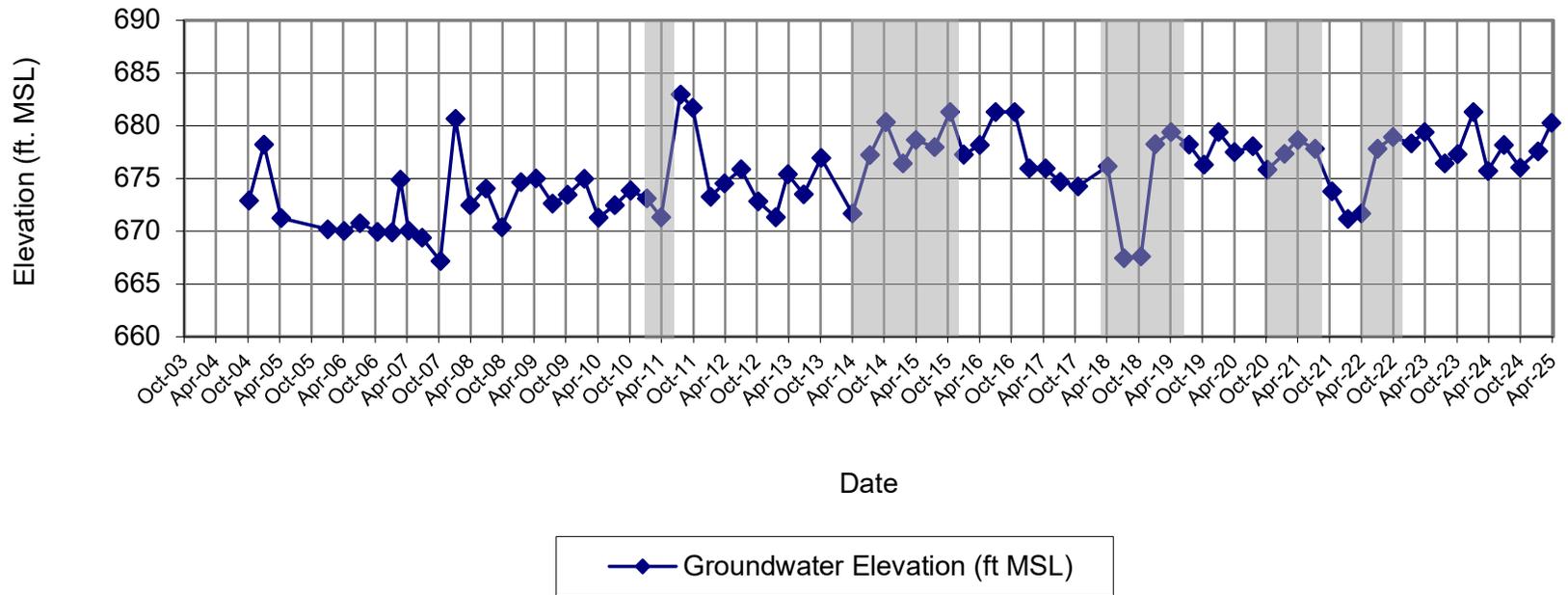
Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	NM	NA
10/12/2004	12.75	672.92
1/6/2005	7.45	678.22
4/14/2005	14.45	671.22
7/20/2005	NM	NA
10/4/2005	NM	NA
1/6/2006	15.51	670.16
4/11/2006	15.65	670.02
7/10/2006	14.9	670.77
10/18/2006	15.72	669.95
1/9/2007	15.76	669.91
2/28/2007	10.78	674.89
4/16/2007	15.60	670.07
7/2/2007	16.29	669.38
10/15/2007	18.50	667.17
1/8/2008	4.99	680.68
4/2/2008	13.19	672.48
7/1/2008	12.15	674.06
9/30/2008	15.83	670.38
1/19/2009	11.55	674.66
4/14/2009	11.20	675.01
7/21/2009	13.57	672.64
10/14/2009	12.76	673.45
1/18/2010	11.26	674.95
4/8/2010	14.95	671.26
7/12/2010	13.74	672.47
10/11/2010	12.34	673.87
1/12/2011	13.10	673.11
4/4/2011	14.88	671.33
7/25/2011	3.25	682.96
10/3/2011	4.50	681.71
1/12/2012	12.96	673.25
4/2/2012	11.70	674.51
7/5/2012	10.34	675.87
10/11/2012	13.38	672.83
1/21/2013	14.90	671.31
4/1/2013	10.82	675.39
7/1/2013	12.70	673.51
10/9/2013	9.25	676.96
1/21/2014	NM	NA
4/7/2014	14.55	671.66
7/16/2014	8.97	677.24
10/14/2014	5.85	680.36
1/20/2015	9.80	676.41
4/6/2015	7.55	678.66
7/22/2015	8.22	677.99
10/19/2015	4.90	681.31
1/5/2016	8.95	677.26
4/4/2016	8.10	678.19
7/5/2016	4.99	681.30
10/24/2016	4.99	681.30
1/16/2017	10.35	675.94
4/18/2017	13.68	675.94
7/11/2017	11.60	674.69
10/23/2017	12.06	674.23
4/1/2018	10.05	676.16
7/12/2018	18.78	667.43
10/19/2018	18.60	667.61
1/9/2019	7.95	678.26
4/8/2019	6.80	679.41
7/22/2019	8.00	678.21
10/14/2019	9.91	676.30
1/6/2020	6.81	679.40
4/6/2020	8.71	677.50
7/21/2020	8.15	678.06
10/13/2020	10.39	675.82
1/20/2021	8.89	677.32
4/6/2021	7.55	678.66
7/13/2021	8.40	677.81
10/18/2021	12.45	673.76
1/18/2022	15.03	671.18
4/4/2022	14.52	671.69
7/7/2022	8.40	677.81
10/3/2022	7.36	678.93
1/17/2023	7.90	678.31
4/3/2023	6.90	679.39
7/27/2023	9.85	676.44
10/9/2023	8.99	677.30
1/8/2024	5.00	681.29
4/1/2024	10.56	675.73
7/1/2024	8.10	678.19
10/2/2024	10.24	676.05
1/14/2025	8.73	677.56
4/1/2025	6.01	680.28

NOTES:

ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.67
DPE and GWCT off line for repairs in February 2007.
DPE off line for repairs in January 2008.
DPE off line for repairs in October 2013.
TOC Elevation re-measured on June 13, 2008 at 686.21.
DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).
DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).
DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE injection pilot test (note shading on graph).
DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection (note shading on graph).
DPE-3, -5, -8 off line between March 2023 and October 2023 to accommodate electron donor injection (note shading on graph).

MONITORING WELL MW-8R
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York

Hydrograph for MW-8R



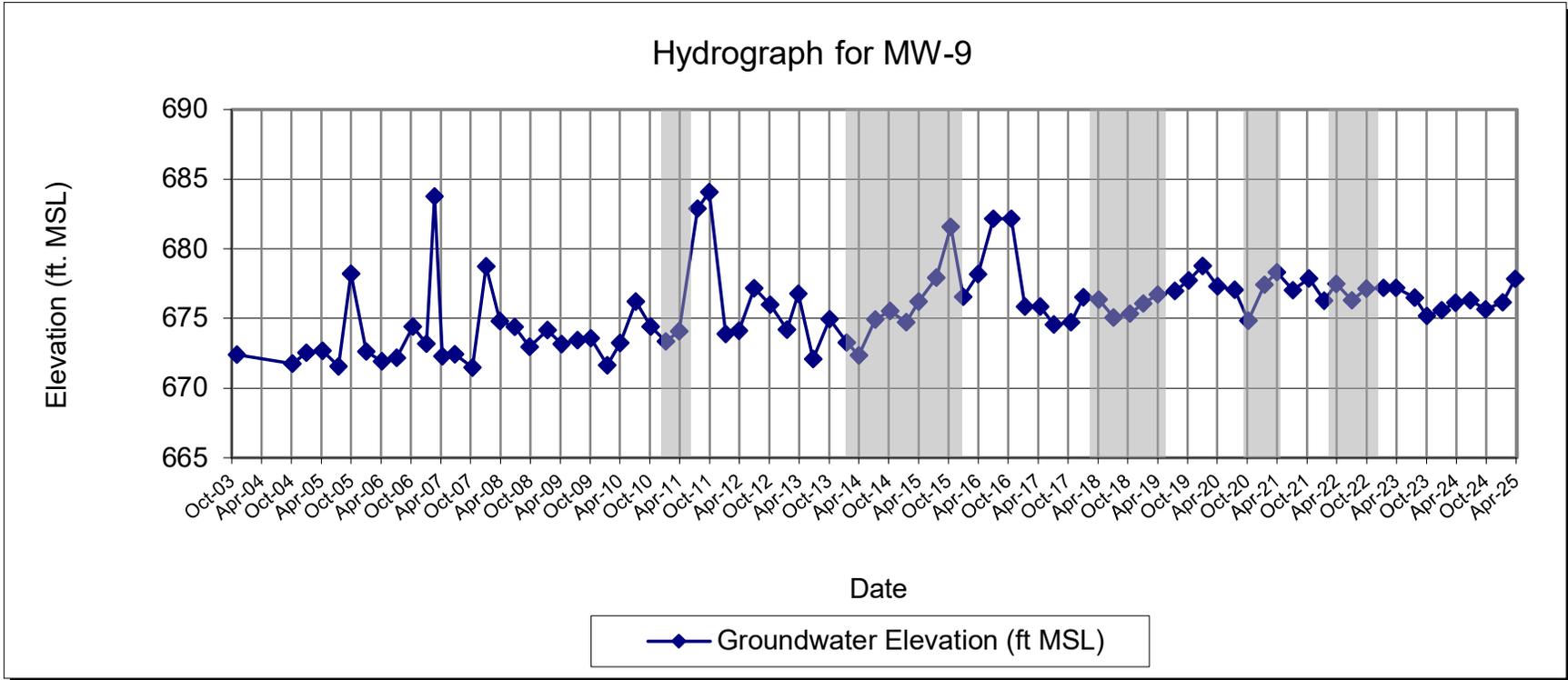
**MONITORING WELL MW-9
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York**

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	13.03	672.4
4/8/2004	NM	NA
10/12/2004	13.68	671.75
1/6/2005	12.89	672.54
4/14/2005	12.74	672.69
7/20/2005	13.68	671.55
10/4/2005	7.22	678.21
1/5/2006	12.79	672.64
4/11/2006	13.50	671.93
7/10/2006	13.24	672.19
10/18/2006	11.00	674.43
1/9/2007	12.24	673.19
2/28/2007	1.66	683.77
4/16/2007	13.15	672.28
7/2/2007	13.00	672.43
10/17/2007	13.95	671.48
1/8/2008	6.70	678.73
4/2/2008	10.61	674.82
7/1/2008	14.25	674.39
9/30/2008	15.67	672.97
1/19/2009	14.48	674.16
4/14/2009	15.48	673.16
7/21/2009	15.20	673.44
10/10/2009	15.06	673.58
1/18/2010	17.00	671.64
4/8/2010	15.40	673.24
7/12/2010	12.42	676.22
10/11/2010	14.21	674.43
1/12/2011	15.29	673.35
4/4/2011	14.55	674.09
7/25/2011	5.75	682.89
10/3/2011	4.58	684.06
1/12/2012	14.75	673.89
4/2/2012	14.52	674.12
7/5/2012	11.48	677.16
10/11/2012	12.66	675.98
1/21/2013	14.44	674.20
4/1/2013	11.87	676.77
7/1/2013	16.54	672.10
10/9/2013	13.68	674.96
1/21/2014	15.38	673.26
4/7/2014	16.30	672.34
7/16/2014	13.71	674.93
10/14/2014	13.09	675.55
1/20/2015	13.92	674.72
4/6/2015	12.41	676.23
7/22/2015	10.72	677.92
10/19/2015	7.06	681.58
1/5/2016	12.09	676.55
4/4/2016	11.38	678.19
7/5/2016	7.41	682.16
10/24/2016	7.41	682.16
1/16/2017	13.72	675.85
4/18/2017	14.24	675.85
7/1/2017	15.00	674.57
10/23/2017	14.84	674.73
1/8/2018	13.04	676.53
4/11/2018	13.20	676.37
7/12/2018	14.49	675.08
10/19/2018	14.21	675.36
1/9/2019	13.49	676.08
4/8/2019	12.85	676.72
7/22/2019	12.61	676.96
10/14/2019	11.83	677.74
1/6/2020	10.81	678.76
4/6/2020	12.25	677.32
7/21/2020	12.50	677.07
10/13/2020	14.72	674.85
1/19/2021	12.14	677.43
4/6/2021	11.26	678.31
7/13/2021	12.55	677.02
10/18/2021	11.69	677.88
1/18/2022	13.30	676.27
4/4/2022	12.10	677.47
7/7/2022	13.27	676.30
10/3/2022	12.42	677.15
1/17/2023	12.38	677.19
4/3/2023	12.38	677.19
7/28/2023	13.08	676.49
10/9/2023	14.40	675.17
1/8/2024	13.97	675.60
4/1/2024	13.44	676.13
7/1/2024	13.27	676.30
10/2/2024	13.91	675.66
1/14/2025	13.42	676.15
4/1/2025	11.73	677.84

NOTES:

ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.43
DPE and GWCT off line for repairs in February 2007.
DPE off line for repairs in January 2008.
DPE off line for repairs in October 2013.
TOC Elevation re-measured on June 13, 2008 at 688.64.
DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).
DPE system off line between November 2014 and August 2016 to accommodate first and second phase of the ABC+ injection pilot test (note shading on graph).
DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE injection pilot test (note shading on graph).
DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection (note shading on graph).
DPE-3, -5, -8 off line between March 2023 and October 2023 to accommodate electron donor injection (note shading on graph).

MONITORING WELL MW-9
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York



**MONITORING WELL MW-11
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York**

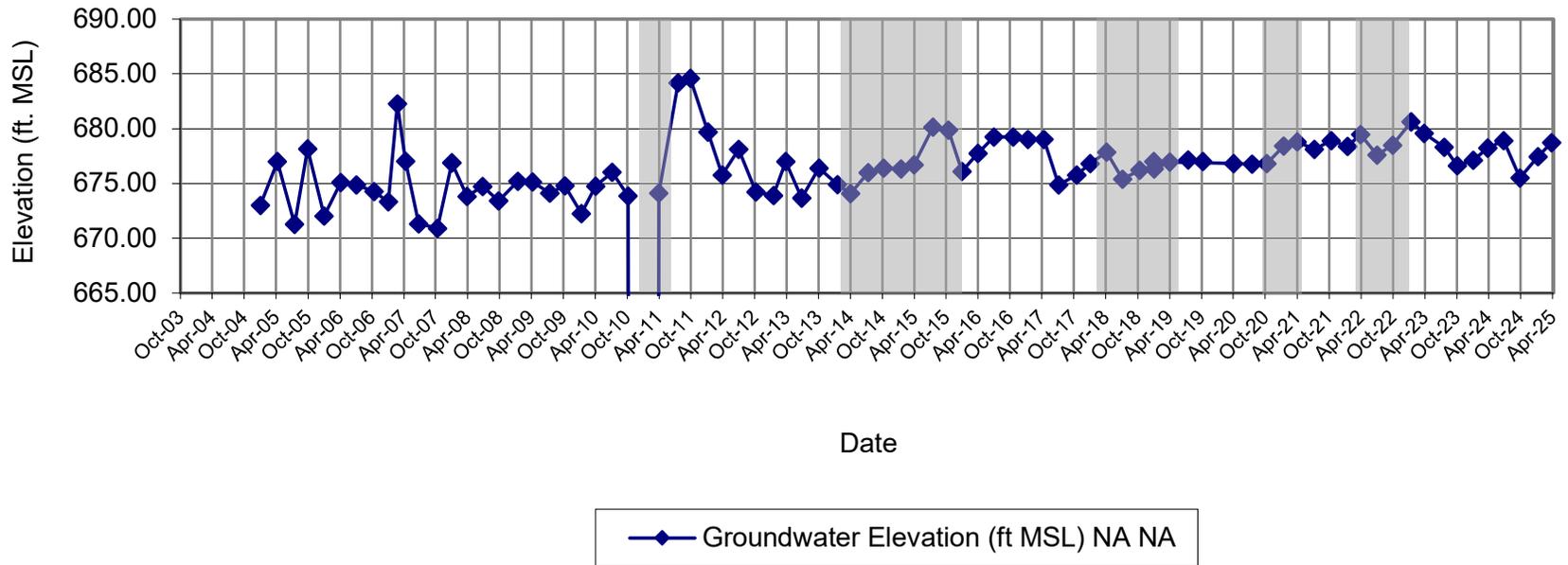
Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	15.59	673.02
4/14/2005	11.59	677.02
7/20/2005	17.34	671.27
10/4/2005	10.45	678.16
1/5/2006	16.58	672.03
4/11/2006	13.52	675.09
7/10/2006	13.75	674.86
10/18/2006	14.35	674.26
1/9/2007	15.26	673.35
2/28/2007	6.34	682.27
4/16/2007	11.55	677.06
7/2/2007	17.30	671.31
10/16/2007	17.69	670.92
1/8/2008	11.73	676.88
4/2/2008	14.78	673.83
7/1/2008	13.91	674.74
9/30/2008	15.25	673.40
1/19/2009	13.45	675.20
4/14/2009	13.50	675.15
7/21/2009	14.51	674.14
10/14/2009	13.85	674.80
1/18/2010	16.38	672.27
4/8/2010	13.90	674.75
7/12/2010	12.60	676.05
10/11/2010	14.80	673.85
1/12/2011	NM	NA
4/4/2011	14.52	674.13
7/25/2011	4.48	684.17
10/3/2011	4.05	684.60
1/12/2012	8.96	679.69
4/2/2012	12.87	675.78
7/5/2012	10.53	678.12
10/11/2012	14.40	674.25
1/21/2013	14.75	673.90
4/1/2013	11.66	676.99
7/1/2013	14.99	673.66
10/9/2013	12.25	676.40
1/21/2014	13.75	674.90
4/7/2014	14.56	674.09
7/16/2014	12.64	676.01
10/14/2014	12.26	676.39
1/20/2015	12.31	676.34
4/6/2015	11.95	676.70
7/22/2015	8.49	680.16
10/19/2015	8.75	679.90
1/5/2016	12.53	676.12
4/4/2016	10.84	677.77
7/5/2016	9.37	679.24
10/24/2016	9.37	679.24
1/16/2017	9.60	679.01
4/18/2017	11.98	679.01
7/11/2017	13.75	674.86
10/23/2017	12.83	675.78
1/8/2018	11.79	676.82
4/11/2018	10.75	677.86
7/12/2018	13.21	675.40
10/19/2018	12.40	676.21
1/9/2019	12.27	676.34
4/9/2019	11.66	676.95
7/22/2019	11.45	677.16
10/14/2019	11.59	677.02
1/6/2019	11.59	677.02
4/6/2020	11.79	676.82
7/21/2020	11.82	676.79
10/13/2020	11.81	676.80
1/19/2021	10.17	678.44
4/6/2021	9.81	678.80
7/13/2021	10.50	678.11
10/18/2021	9.68	678.93
1/18/2022	10.22	678.39
4/4/2022	9.14	679.47
7/7/2022	11.01	677.60
10/3/2022	10.12	678.49
1/17/2023	7.98	680.63
4/3/2023	9.01	679.60
7/26/2023	10.31	678.30
10/9/2023	11.98	676.63
1/8/2024	11.50	677.11
4/1/2024	10.39	678.22
7/1/2024	9.71	678.90
10/2/2024	13.11	675.50
1/14/2025	11.14	677.47
4/1/2025	9.88	678.73

NOTES:

ft MSL - feet mean sea level
 NA - Not Available
 NM - Not Measured
 TOC - top of PVC casing
 TOC Elevation - 688.61
 DPE and GWCT off line for repairs in February 2007.
 DPE off line for repairs in January 2008.
 DPE off line for repairs in October 2013.
 TOC Elevation re-measured on June 13, 2008 at 688.65.
 DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).
 DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).
 DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE injection pilot test (note shading on graph).
 DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection (note shading on graph).
 DPE-3, -5, -8 off line between March 2023 and October 2023 to accommodate electron donor injection (note shading on graph).

MONITORING WELL MW-11
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York

Hydrograph for MW-11



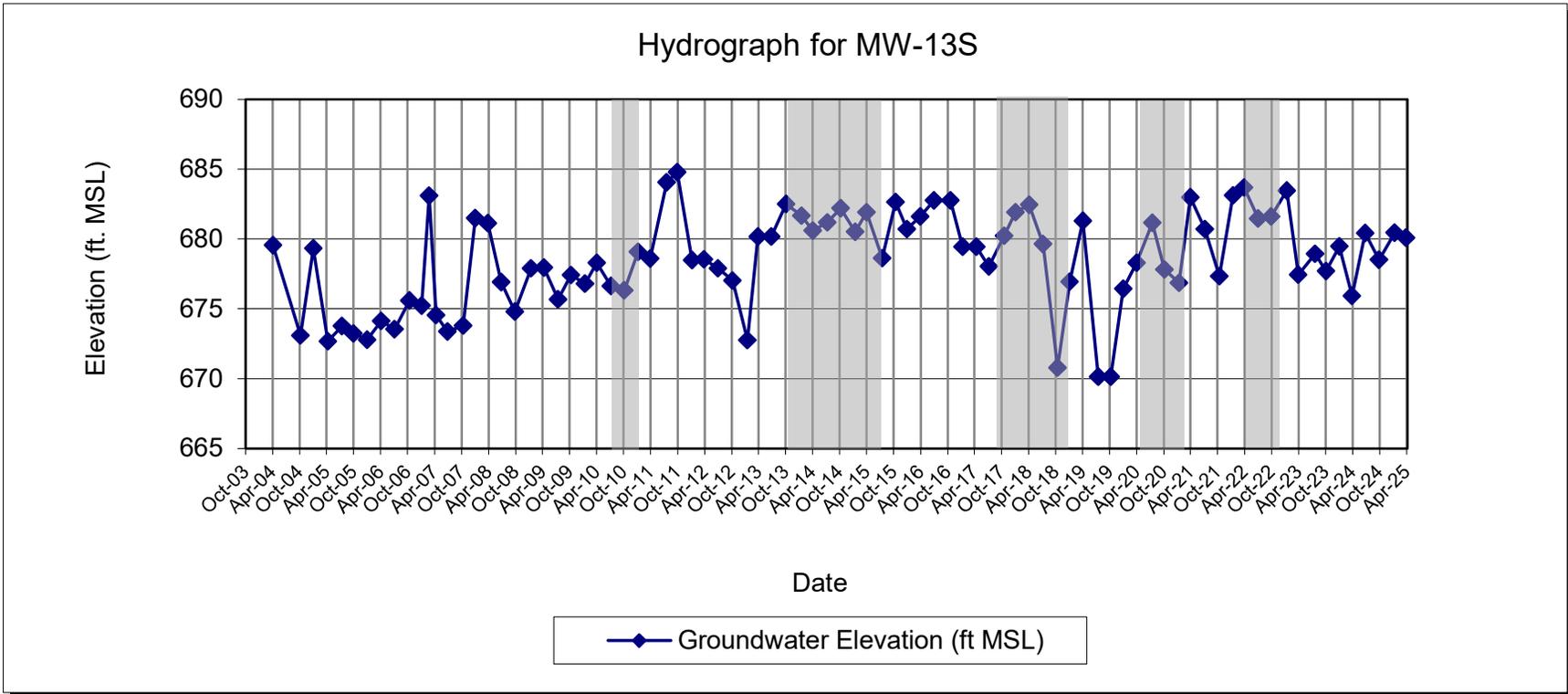
MONITORING WELL MW-13S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	7.01	679.56
10/12/2004	13.47	673.10
1/6/2005	7.24	679.33
4/14/2005	13.91	672.66
7/20/2005	12.81	673.76
10/4/2005	13.35	673.22
1/5/2006	13.79	672.78
4/11/2006	12.45	674.12
7/10/2006	13.02	673.55
10/18/2006	10.99	675.58
1/9/2007	11.35	675.22
2/28/2007	3.49	683.08
4/18/2007	12.01	674.56
7/2/2007	13.20	673.37
10/18/2007	12.77	673.80
1/8/2008	5.08	681.49
4/2/2008	5.45	681.12
7/1/2008	9.70	676.90
9/30/2008	11.80	674.80
1/19/2009	8.70	677.90
4/14/2009	8.64	677.96
7/21/2009	10.91	675.69
10/14/2009	9.18	677.42
1/18/2010	9.80	676.80
4/8/2010	8.30	678.30
7/12/2010	9.96	676.64
10/11/2010	10.29	676.31
1/12/2011	7.53	679.07
4/4/2011	8.00	678.60
7/25/2011	2.55	684.05
10/3/2011	1.81	684.79
1/12/2012	8.11	678.49
4/2/2012	8.06	678.54
7/5/2012	8.71	677.89
10/11/2012	9.57	677.03
1/21/2013	13.85	672.75
4/1/2013	6.44	680.16
7/1/2013	6.44	680.16
10/9/2013	4.10	682.50
1/21/2014	4.95	681.65
4/7/2014	6.02	680.58
7/16/2014	5.42	681.18
10/14/2014	4.41	682.19
1/20/2015	6.10	680.50
4/6/2015	4.69	681.91
7/22/2015	7.97	678.63
10/19/2015	3.95	682.65
1/5/2016	5.90	680.70
4/4/2016	5.05	681.60
7/5/2016	3.90	682.75
10/24/2016	3.90	682.75
1/16/2017	7.20	679.45
4/18/2017	6.11	679.45
7/11/2017	8.60	678.05
10/23/2017	6.42	680.23
1/8/2018	4.73	681.92
4/11/2018	4.20	682.45
7/12/2018	7.02	679.63
10/19/2018	15.86	670.79
1/9/2019	9.71	676.94
4/8/2019	5.35	681.30
7/22/2019	16.50	670.15
10/14/2019	16.50	670.15
1/6/2020	10.21	676.44
4/6/2020	8.36	678.29
7/21/2020	5.50	681.15
10/13/2020	8.84	677.81
1/19/2021	9.78	676.87
4/6/2021	3.67	682.98
7/13/2021	5.95	680.70
10/18/2021	9.31	677.34
1/18/2022	3.52	683.13
4/4/2022	2.97	683.68
7/7/2022	5.20	681.45
10/3/2022	5.04	681.61
1/17/2023	3.20	683.45
4/3/2023	9.20	677.45
7/27/2023	7.71	678.94
10/9/2023	8.94	677.71
1/8/2024	7.18	679.47
4/1/2024	10.72	675.93
7/1/2024	6.23	680.42
10/2/2024	8.14	678.51
1/14/2025	6.20	680.45
4/1/2025	6.58	680.09

NOTES:

ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.57
DPE and GWCT off line for repairs in February 2007.
DPE off line for repairs in January 2008.
DPE off line for repairs in October 2013.
TOC Elevation re-measured on June 13, 2008 at 686.60.
DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).
DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).
DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE injection pilot test (note shading on graph).
DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection (note shading on graph).
DPE-3, -5, -8 off line between March 2023 and October 2023 to accommodate electron donor injection (note shading on graph).

MONITORING WELL MW-13S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York



**MONITORING WELL MW-13D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York**

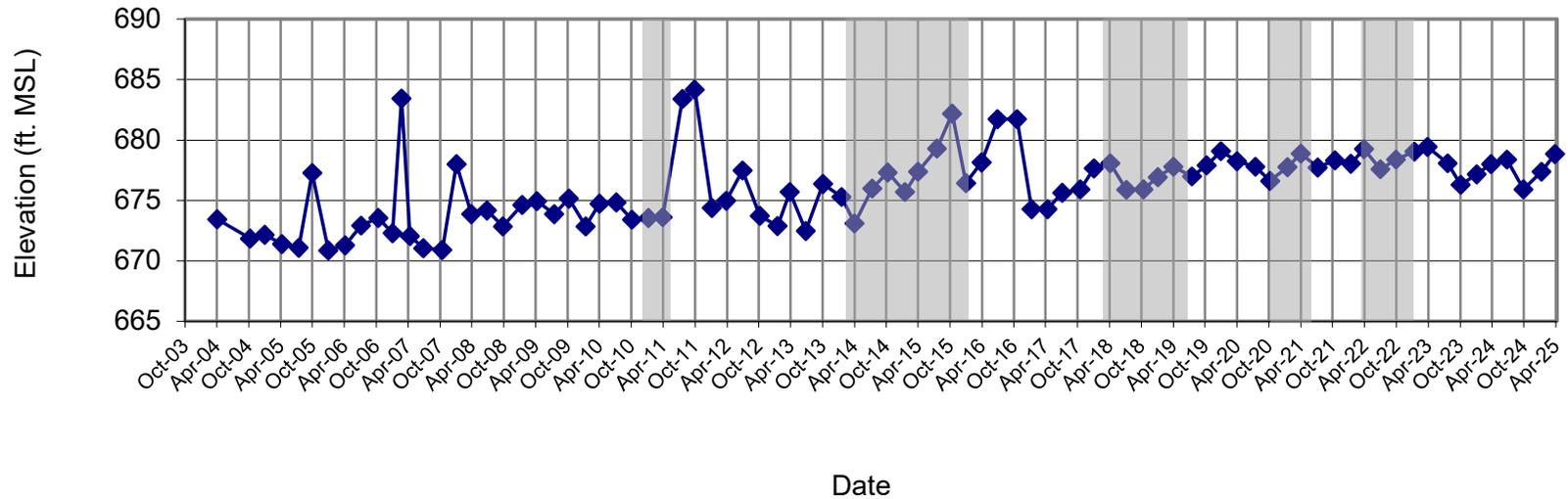
Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	13.28	673.43
10/12/2004	14.87	671.84
1/6/2005	14.55	672.16
4/14/2005	15.32	671.39
7/20/2005	15.65	671.06
10/4/2005	9.44	677.27
1/5/2006	15.83	670.88
4/11/2006	15.41	671.30
7/10/2006	13.79	672.92
10/18/2006	13.17	673.54
1/9/2007	14.41	672.30
2/28/2007	3.28	683.43
4/16/2007	14.66	672.05
7/2/2007	15.68	671.03
10/18/2007	15.80	670.91
1/8/2008	8.69	678.02
4/2/2008	12.86	673.85
7/1/2008	12.55	674.18
9/30/2008	13.89	672.84
1/19/2009	12.10	674.63
4/14/2009	11.78	674.95
7/21/2009	12.86	673.87
10/14/2009	11.59	675.14
1/18/2010	13.88	672.85
4/8/2010	12.00	674.73
7/12/2010	11.90	674.63
10/11/2010	13.34	673.39
1/12/2011	13.20	673.53
4/4/2011	13.13	673.60
7/25/2011	3.33	683.40
10/3/2011	2.55	684.18
1/12/2012	12.34	674.39
4/2/2012	11.76	674.97
7/5/2012	9.25	677.48
10/11/2012	13.00	673.73
1/21/2013	13.85	672.88
4/1/2013	11.01	675.72
7/1/2013	14.26	672.47
10/9/2013	10.36	676.37
1/21/2014	11.45	675.28
4/7/2014	13.65	673.08
7/16/2014	10.74	675.99
10/14/2014	9.41	677.32
1/20/2015	11.02	675.71
4/6/2015	9.35	677.38
7/22/2015	7.44	679.29
10/19/2015	4.55	682.18
1/5/2016	10.31	676.42
4/4/2016	8.65	678.13
7/5/2016	5.06	681.72
10/24/2016	5.06	681.72
1/16/2017	12.50	674.28
4/18/2017	10.10	674.28
7/11/2017	11.15	675.63
10/23/2017	10.87	675.91
1/8/2018	9.12	677.66
4/11/2018	8.70	678.08
7/12/2018	10.91	675.87
10/19/2018	10.86	675.92
1/9/2019	9.85	676.93
4/8/2019	9.00	677.78
7/22/2019	9.79	676.99
10/14/2019	8.87	677.91
1/6/2020	7.69	679.09
4/6/2020	8.54	678.24
7/21/2020	9.00	677.78
10/13/2020	10.16	676.62
1/19/2021	9.02	677.76
4/6/2021	7.90	678.88
7/13/2021	9.05	677.73
10/18/2021	8.45	678.33
1/18/2022	8.75	678.03
4/4/2022	7.52	679.26
7/7/2022	9.20	677.58
10/3/2022	8.38	678.40
1/17/2023	7.72	679.06
4/3/2023	7.35	679.43
7/27/2023	8.70	678.08
10/9/2023	10.47	676.31
1/8/2024	9.62	677.16
4/1/2024	8.78	678.00
7/1/2024	8.40	678.38
10/2/2024	10.87	675.91
1/14/2025	9.42	677.36
4/1/2025	7.93	678.85

NOTES:

ft MSL - feet mean sea level
 NA - Not Available
 NM - Not Measured
 TOC - top of PVC casing
 TOC Elevation - 686.71
 DPE and GWCT off line for repairs in February 2007.
 DPE off line for repairs in January 2008.
 DPE off line for repairs in October 2013.
 TOC Elevation re-measured on June 13, 2008 at 686.73.
 DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).
 DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).
 DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE injection pilot test (note shading on graph).
 DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection (note shading on graph).
 DPE-3, -5, -8 off line between March 2023 and October 2023 to accommodate electron donor injection (note shading on graph).

MONITORING WELL MW-13D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York

Hydrograph for MW-13D



◆ Groundwater Elevation (ft MSL)

**MONITORING WELL MW-14S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York**

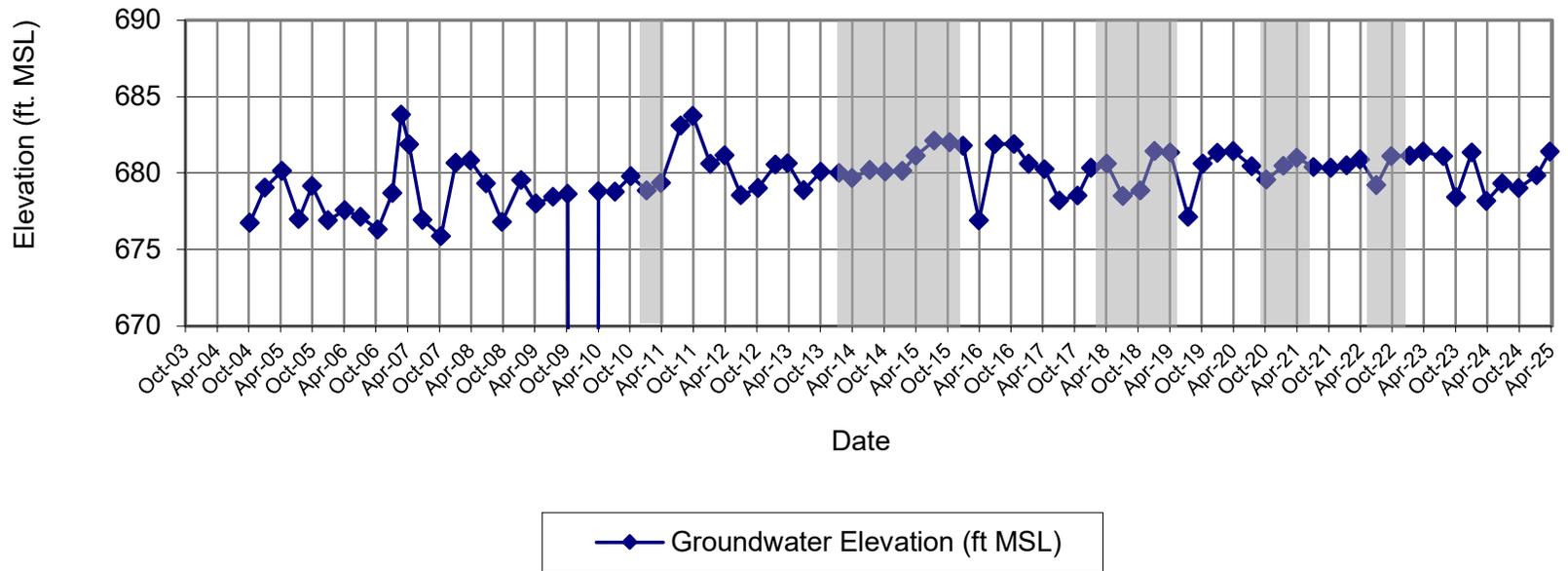
Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	5.14	680.17
10/12/2004	8.57	676.74
1/6/2005	6.27	679.04
4/14/2005	5.16	680.15
7/20/2005	8.32	676.99
10/4/2005	6.14	679.17
1/5/2006	8.41	676.90
4/11/2006	7.75	677.56
7/10/2006	8.18	677.13
10/19/2006	9.00	676.31
1/9/2007	6.61	678.70
2/28/2007	1.50	683.81
4/16/2007	3.45	681.86
7/2/2007	8.36	676.95
10/15/2007	9.45	675.86
1/8/2008	4.65	680.66
4/2/2008	4.47	680.84
7/1/2008	6.37	679.33
9/30/2008	8.90	676.80
1/19/2009	6.15	679.55
4/14/2009	7.70	678.00
7/21/2009	7.25	678.45
10/14/2009	7.05	678.65
1/18/2010	NM	NA
4/8/2010	6.50	678.81
7/12/2010	6.54	678.77
10/11/2010	5.90	679.80
1/12/2011	6.83	678.87
4/4/2011	6.34	679.36
7/25/2011	2.59	683.11
10/3/2011	1.98	683.72
1/12/2012	5.10	680.60
4/2/2012	4.55	681.15
7/5/2012	7.15	678.55
10/11/2012	6.67	679.03
1/21/2013	5.15	680.55
4/1/2013	5.05	680.65
7/1/2013	6.81	678.89
10/9/2013	5.60	680.10
1/21/2014	5.68	680.02
4/7/2014	6.03	679.67
7/16/2014	5.49	680.21
10/14/2014	5.61	680.09
1/20/2015	5.55	680.15
4/6/2015	4.58	681.12
7/22/2015	3.59	682.11
10/19/2015	3.70	682.00
1/5/2016	3.92	681.78
4/4/2016	8.80	676.90
7/5/2016	3.80	681.90
10/24/2016	3.80	681.90
1/16/2017	5.10	680.60
4/18/2017	5.44	680.26
7/11/2017	7.50	678.20
10/23/2017	7.18	678.52
1/8/2018	5.39	680.35
4/11/2018	5.14	680.60
7/12/2018	7.25	678.49
10/19/2018	6.89	678.85
1/9/2019	4.30	681.44
4/8/2019	4.40	681.34
7/22/2019	8.60	677.14
10/14/2019	5.14	680.60
1/6/2020	4.42	681.32
4/6/2020	4.31	681.43
7/21/2020	5.30	680.44
10/13/2020	6.18	679.56
1/19/2021	5.28	680.46
4/6/2021	4.75	680.99
7/13/2021	5.35	680.39
10/18/2021	5.41	680.33
1/18/2022	5.23	680.51
4/4/2022	4.86	680.88
7/7/2022	6.53	679.21
10/3/2022	4.64	681.10
1/17/2023	4.60	681.14
4/3/2023	4.34	681.40
7/28/2023	4.64	681.10
10/9/2023	7.32	678.42
1/8/2024	4.39	681.35
4/1/2024	7.57	678.17
7/1/2024	6.42	679.32
10/2/2024	6.71	679.03
1/14/2025	5.91	679.83
4/1/2025	4.33	681.41

NOTES:

ft MSL - feet mean sea level
 NA - Not Available
 NM - Not Measured
 TOC - top of PVC casing
 TOC Elevation - 685.31
 DPE and GWCT off line for repairs in February 2007.
 DPE off line for repairs in January 2008.
 DPE off line for repairs in October 2013.
 TOC Elevation re-measured on June 13, 2008 at 685.70.
 DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).
 DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).
 DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE injection pilot test (note shading on graph).
 DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection (note shading on graph).
 DPE-3, -5, -8 off line between March 2023 and October 2023 to accommodate electron donor injection (note shading on graph).

**MONITORING WELL MW-14S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York**

Hydrograph for MW-14S



MONITORING WELL MW-14D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York

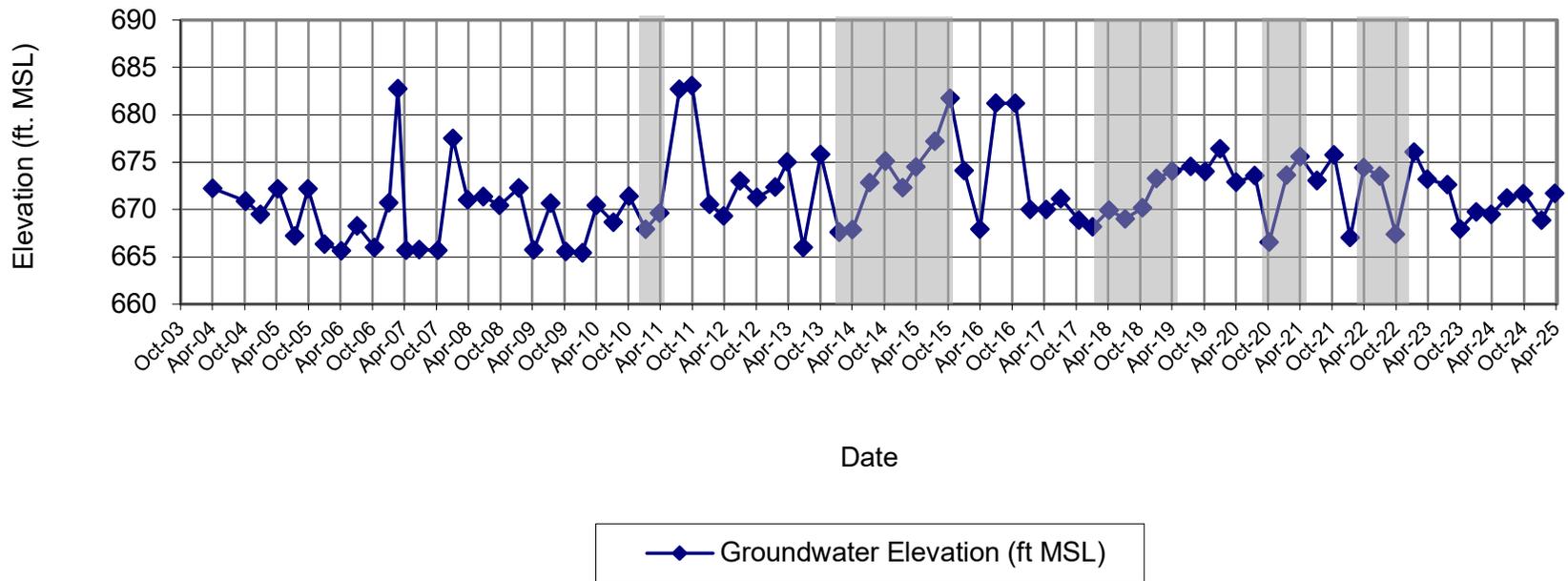
Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	13.21	672.22
10/12/2004	14.55	670.88
1/6/2005	15.97	669.46
4/14/2005	13.25	672.18
7/20/2005	18.20	667.23
10/4/2005	13.26	672.17
1/5/2006	19.08	666.35
4/11/2006	19.79	665.64
7/10/2006	17.16	668.27
10/18/2006	19.44	665.99
1/9/2007	14.71	670.72
2/28/2007	2.67	682.76
4/16/2007	19.74	665.69
7/2/2007	19.68	665.75
10/15/2007	19.76	665.67
1/8/2008	7.92	677.51
4/2/2008	14.41	671.02
7/1/2008	14.45	671.37
9/30/2008	15.39	670.43
1/19/2009	13.55	672.27
4/14/2009	20.10	665.72
7/21/2009	15.15	670.67
10/14/2009	20.27	665.55
1/18/2010	20.40	665.42
4/8/2010	15.40	670.42
7/12/2010	17.15	668.67
10/11/2010	14.40	671.42
1/12/2011	17.92	667.90
4/4/2011	16.23	669.59
7/25/2011	3.10	682.72
10/3/2011	2.72	683.10
1/12/2012	15.30	670.52
4/2/2012	16.50	669.32
7/5/2012	12.81	673.01
10/11/2012	14.55	671.27
1/21/2013	13.45	672.37
4/1/2013	10.78	675.04
7/1/2013	19.85	665.97
10/9/2013	10.02	675.80
1/21/2014	18.20	667.62
4/7/2014	17.95	667.87
7/16/2014	12.99	672.83
10/14/2014	10.70	675.12
1/20/2015	13.49	672.33
4/6/2015	11.30	674.52
7/22/2015	8.62	677.20
10/19/2015	4.10	681.72
1/5/2016	11.70	674.12
4/4/2016	17.98	667.90
7/5/2016	4.67	681.21
10/24/2016	4.67	681.21
1/16/2017	15.89	669.99
4/18/2017	12.45	669.99
7/11/2017	14.74	671.14
10/23/2017	17.02	668.86
1/8/2018	17.69	668.19
4/11/2018	15.95	669.93
7/12/2018	16.90	668.98
10/19/2018	15.69	670.19
1/9/2019	12.62	673.26
4/8/2019	11.80	674.08
7/22/2019	11.35	674.53
10/14/2019	11.88	674.00
1/6/2020	9.44	676.44
4/6/2020	13.00	672.88
7/21/2020	12.31	673.57
10/13/2020	19.31	666.57
1/19/2021	12.24	673.64
4/6/2021	10.28	675.60
7/13/2021	12.80	673.08
10/18/2021	10.13	675.75
1/18/2022	18.85	667.03
4/4/2022	11.49	674.39
7/7/2022	12.35	673.53
10/3/2022	18.49	667.39
1/17/2023	9.60	676.08
4/3/2023	12.68	673.20
7/28/2023	13.27	672.61
10/9/2023	17.93	667.95
1/8/2024	16.15	669.73
4/1/2024	16.41	669.47
7/1/2024	14.67	671.21
10/2/2024	14.23	671.65
1/14/2025	16.99	668.89
4/1/2025	14.18	671.70

NOTES:

ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.43
DPE and GWCT off line for repairs in February 2007.
DPE off line for repairs in January 2008.
DPE off line for repairs in October 2013.
TOC Elevation re-measured on June 13, 2008 at 685.82.
DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).
DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).
DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE injection pilot test (note shading on graph).
DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection (note shading on graph).
DPE-3, -5, -8 off line between March 2023 and October 2023 to accommodate electron donor injection (note shading on graph).

MONITORING WELL MW-14D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York

Hydrograph for MW-14D



**MONITORING WELL MW-15S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York**

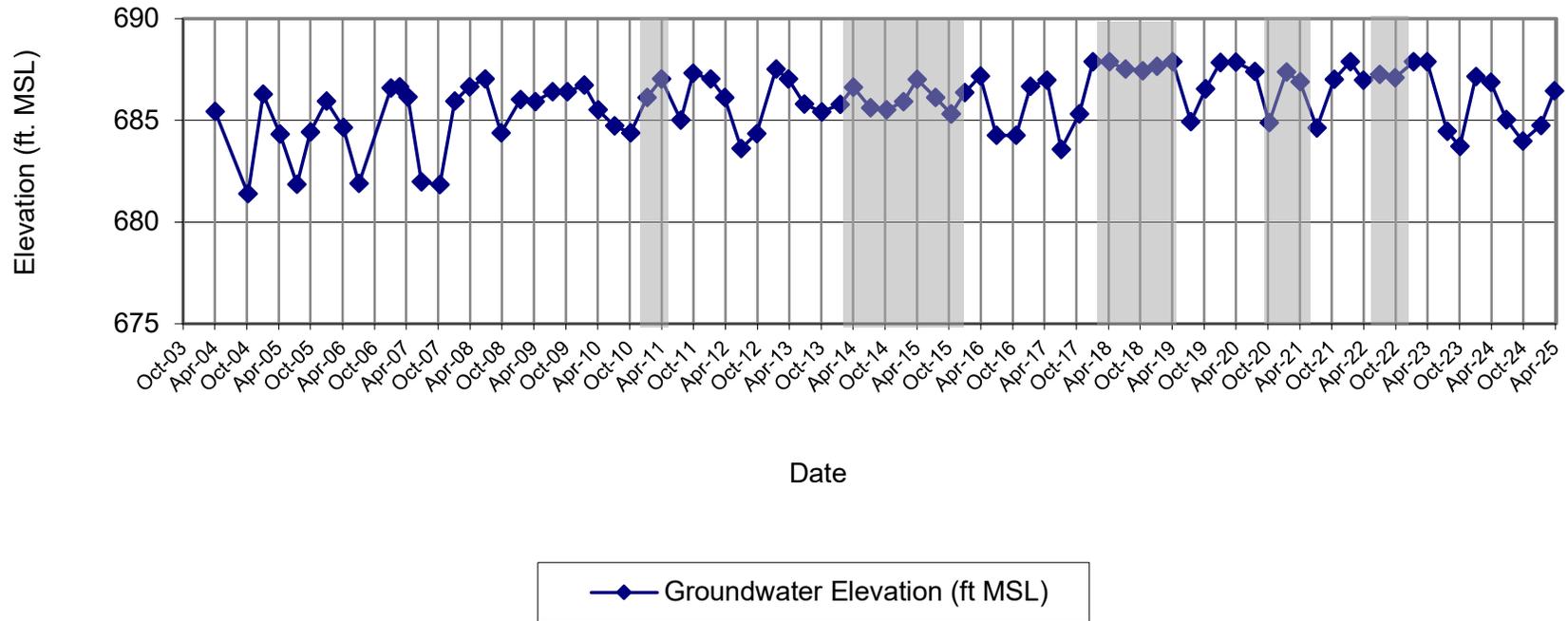
Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	1.20	685.44
10/12/2004	5.26	681.38
1/6/2005	0.35	686.29
4/14/2005	2.31	684.33
7/20/2005	4.78	681.86
10/4/2005	2.22	684.42
1/5/2006	0.70	685.94
4/11/2006	2.00	684.64
7/10/2006	4.75	681.89
1/9/2007	0.05	686.59
2/28/2007	0.00	686.64
4/16/2007	0.50	686.14
7/2/2007	4.67	681.97
10/16/2007	4.80	681.84
1/8/2008	0.70	685.94
4/2/2008	0.00	686.64
7/1/2008	0.50	687.02
9/30/2008	3.14	684.38
1/19/2009	1.50	686.02
4/14/2009	1.60	685.92
7/21/2009	1.11	686.41
10/14/2009	1.11	686.41
1/18/2010	0.80	686.72
4/8/2010	2.00	685.52
7/12/2010	2.80	684.72
10/11/2010	3.14	684.38
1/12/2011	1.40	686.12
4/4/2011	0.50	687.02
7/25/2011	2.51	685.01
10/3/2011	0.20	687.32
1/2/2012	0.50	687.02
4/2/2012	1.40	686.12
7/5/2012	3.90	683.62
10/1/2012	3.18	684.34
1/21/2013	0.00	687.52
4/1/2013	0.50	687.02
7/1/2013	1.73	685.79
10/9/2013	2.10	685.42
1/21/2014	1.75	685.77
4/7/2014	0.90	686.62
7/16/2014	1.91	685.61
10/14/2014	2.00	685.52
1/20/2015	1.60	685.92
4/6/2015	0.51	687.01
7/22/2015	1.41	686.11
10/19/2015	2.20	685.32
1/5/2016	1.15	686.37
4/4/2016	0.70	687.17
7/5/2016	3.61	684.26
10/24/2016	3.61	684.26
1/16/2017	1.20	686.67
4/18/2017	0.90	686.97
7/11/2017	4.30	683.57
10/23/2017	2.55	685.32
1/8/2018	0.00	687.87
4/1/2018	0.00	687.87
7/12/2018	0.35	687.52
10/19/2018	0.44	687.43
1/9/2019	0.22	687.65
4/8/2019	0.00	687.87
7/22/2019	2.95	684.92
10/14/2019	1.32	686.55
1/6/2020	0.04	687.83
4/6/2020	0.02	687.85
7/21/2020	0.48	687.39
10/13/2020	2.98	684.89
1/19/2021	0.49	687.38
4/6/2021	0.98	686.89
7/13/2021	3.25	684.62
10/18/2021	0.87	687.00
1/18/2022	0.00	687.87
4/4/2022	0.90	686.97
7/7/2022	0.61	687.26
10/3/2022	0.77	687.10
1/17/2023	0.00	687.87
4/3/2023	0.00	687.87
7/28/2023	3.40	684.47
10/9/2023	4.16	683.71
1/8/2024	0.71	687.16
4/1/2024	1.01	686.86
7/1/2024	2.85	685.02
10/2/2024	3.90	683.97
1/14/2025	2.43	684.74
4/1/2025	0.73	686.44

NOTES:

ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.64
DPE and GWCT off line for repairs in February 2007.
DPE off line for repairs in January 2008.
DPE off line for repairs in October 2013.
Measured from ground surface on April 4, 2016 at 687.87.
TOC Elevation re-measured on June 13, 2008 at 687.52.
DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).
DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).
DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE injection pilot test (note shading on graph).
DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection (note shading on graph).
DPE-3, -5, -8 off line between March 2023 and October 2023 to accommodate electron donor injection (note shading on graph).

MONITORING WELL MW-15S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York

Hydrograph for MW-15S



**MONITORING WELL MW-15D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York**

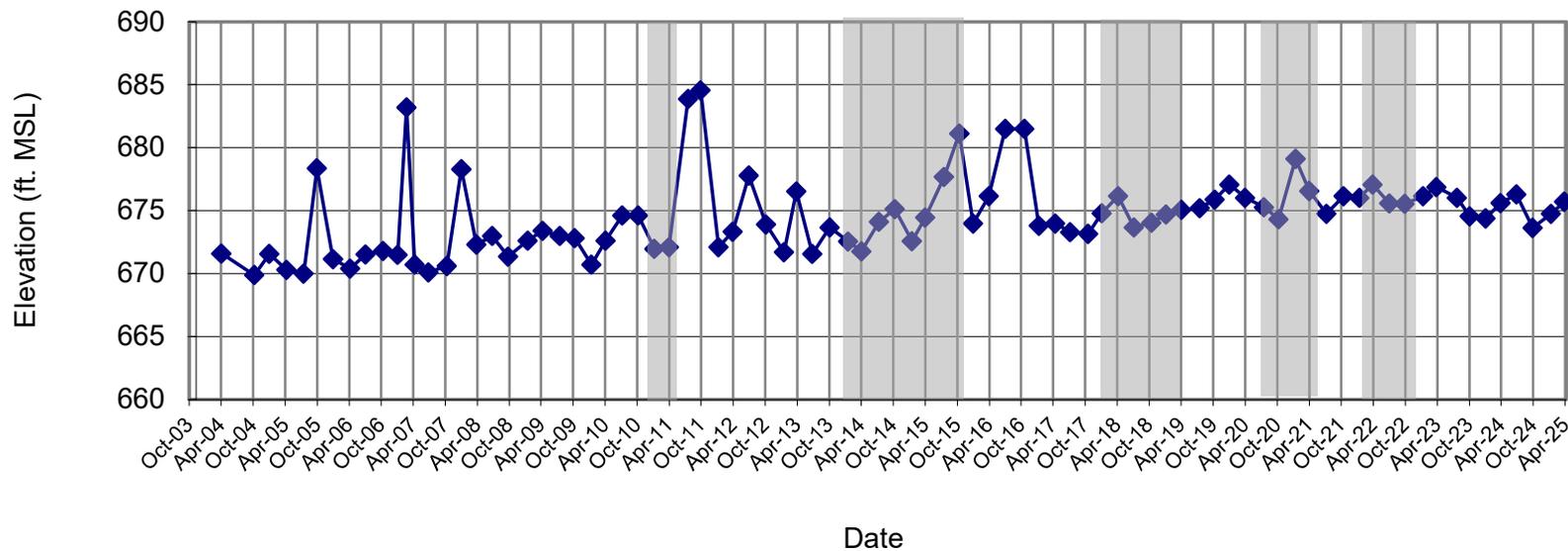
Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	15.70	671.61
10/12/2004	17.42	669.89
1/6/2005	15.74	671.57
4/14/2005	16.99	670.32
7/20/2005	17.31	670.00
10/4/2005	8.94	678.37
1/5/2006	16.16	671.15
4/11/2006	16.90	670.41
7/10/2006	15.78	671.53
10/18/2006	15.50	671.81
1/9/2007	15.80	671.51
2/28/2007	4.10	683.21
4/16/2007	16.61	670.70
7/2/2007	17.20	670.11
10/16/2007	16.70	670.61
1/8/2008	8.99	678.32
4/2/2008	15.01	672.30
7/1/2008	14.64	672.98
9/30/2008	16.24	671.38
1/19/2009	15.00	672.62
4/14/2009	14.21	673.41
7/21/2009	14.61	673.01
10/14/2009	14.81	672.81
1/18/2010	16.89	670.73
4/8/2010	15.00	672.62
7/12/2010	13.00	674.62
10/11/2010	13.00	674.62
1/12/2011	15.65	671.97
4/4/2011	15.51	672.11
7/25/2011	3.73	683.89
10/3/2011	3.05	684.57
11/2/2012	15.50	672.12
4/2/2012	14.30	673.32
7/5/2012	9.81	677.81
10/11/2012	13.70	673.92
1/21/2013	15.90	671.72
4/1/2013	11.08	676.54
7/1/2013	16.04	671.58
10/9/2013	13.95	673.67
1/21/2014	15.05	672.57
4/7/2014	15.84	671.78
7/16/2014	13.51	674.11
10/14/2014	12.49	675.13
1/20/2015	15.04	672.58
4/6/2015	13.15	674.47
7/22/2015	9.92	677.70
10/19/2015	6.50	681.12
1/5/2016	13.65	673.97
4/4/2016	11.70	676.17
7/5/2016	5.85	681.52
10/24/2016	5.85	681.52
1/16/2017	13.56	673.81
4/18/2017	13.40	673.97
7/11/2017	14.06	673.31
10/23/2017	14.21	673.16
1/8/2018	13.08	674.79
4/11/2018	11.70	676.17
7/12/2018	14.19	673.68
10/19/2018	13.83	674.04
1/9/2019	13.17	674.70
4/8/2019	12.80	675.07
7/22/2019	12.66	675.21
10/14/2019	11.97	675.90
1/6/2020	10.79	677.08
4/6/2020	11.85	676.02
7/21/2020	12.61	675.26
10/13/2020	13.55	674.32
1/19/2021	8.76	679.11
4/6/2021	11.31	676.56
7/13/2021	13.10	674.77
10/18/2021	11.72	676.15
1/18/2022	11.85	676.02
4/4/2022	10.80	677.07
7/7/2022	12.30	675.57
10/3/2022	12.31	675.56
1/17/2023	11.72	676.15
4/3/2023	10.98	676.89
7/28/2023	11.85	676.02
10/9/2023	13.32	674.55
1/8/2024	13.48	674.39
4/1/2024	12.25	675.62
7/1/2024	11.56	676.31
10/2/2024	14.22	673.65
1/14/2025	13.12	674.75
4/1/2025	12.15	675.72

NOTES:

ft.MSL - feet mean sea level
 NA - Not Available
 NM - Not Measured
 TOC - top of PVC casing
 TOC Elevation - 687.31'
 DPE and GWCT off line for repairs in February 2007.
 DPE off line for repairs in January 2008.
 DPE off line for repairs in October 2013.
 TOC Elevation re-measured on June 13, 2008 at 687.62.
 Measured from ground surface on April 4, 2016 at 687.87.
 DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).
 DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).
 DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE injection pilot test (note shading on graph).
 DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection (note shading on graph).
 DPE-3, -5, -8 off line between March 2023 and October 2023 to accommodate electron donor injection (note shading on graph).

MONITORING WELL MW-15D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York

Hydrograph for MW-15D



◆ Groundwater Elevation (ft MSL)

MONITORING WELL MW-16S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York

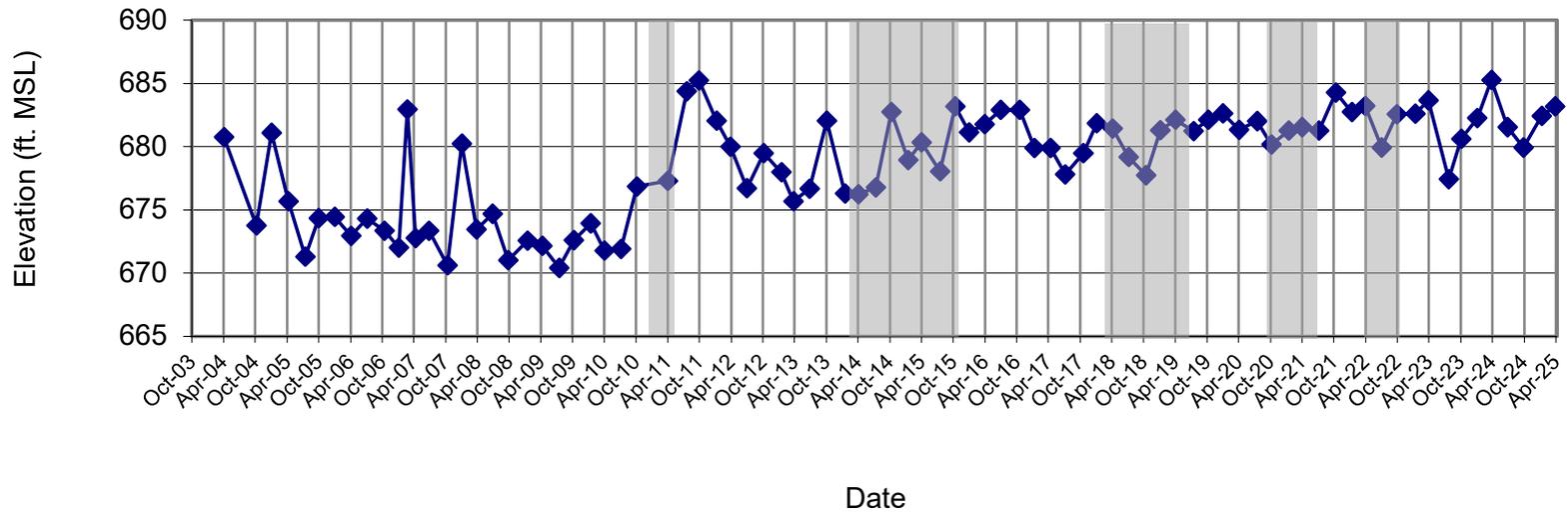
Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	5.09	680.75
10/12/2004	12.09	673.75
1/6/2005	4.75	681.09
4/14/2005	10.15	675.69
7/20/2005	14.56	671.28
10/4/2005	11.50	674.34
1/5/2006	11.41	674.43
4/11/2006	12.90	672.94
7/10/2006	11.54	674.30
10/18/2006	12.50	673.34
1/9/2007	13.82	672.02
2/28/2007	2.90	682.94
4/16/2007	13.07	672.77
7/2/2007	12.50	673.34
10/18/2007	15.23	670.61
1/8/2008	5.60	680.24
4/2/2008	12.40	673.44
7/1/2008	15.70	674.67
9/30/2008	19.34	671.03
1/19/2009	17.80	672.57
4/14/2009	18.22	672.15
7/2/2009	19.95	670.42
10/14/2009	17.77	672.60
1/18/2010	16.45	673.92
4/8/2010	18.60	671.77
7/12/2010	18.45	671.92
10/11/2010	13.51	676.86
4/7/2011	8.55	677.29
7/25/2011	1.45	684.39
10/3/2011	0.60	685.24
1/12/2012	3.80	682.04
4/2/2012	5.85	679.99
7/5/2012	9.12	676.72
10/11/2012	6.36	679.48
1/21/2013	7.85	677.99
4/1/2013	10.15	675.69
7/1/2013	9.18	676.66
10/9/2013	3.80	682.04
1/21/2014	9.55	676.29
4/7/2014	9.60	676.24
7/16/2014	9.05	676.79
10/14/2014	3.10	682.74
1/20/2015	6.90	678.94
4/6/2015	5.50	680.34
7/22/2015	10.14	678.05
10/19/2015	5.00	683.19
1/5/2016	7.05	681.14
4/4/2016	6.38	681.77
7/5/2016	5.23	682.92
10/24/2016	5.23	682.92
1/16/2017	8.25	679.90
4/18/2017	7.28	679.90
7/11/2017	10.36	677.79
10/23/2017	8.66	679.49
1/8/2018	6.29	681.86
4/11/2018	6.71	681.44
7/12/2018	8.99	679.16
10/19/2018	10.42	677.73
1/9/2019	6.86	681.29
4/8/2019	6.02	682.13
7/22/2019	6.91	681.24
10/14/2019	6.02	682.13
1/6/2020	5.51	682.64
4/6/2020	6.83	681.32
7/21/2020	6.14	682.01
10/12/2020	8.00	680.15
1/19/2021	6.89	681.26
4/6/2021	6.60	681.55
7/13/2021	6.90	681.25
10/18/2021	3.87	684.28
1/18/2022	5.42	682.73
4/4/2022	4.95	683.20
7/7/2022	8.21	679.94
10/9/2022	5.57	682.58
1/17/2023	5.55	682.60
4/3/2023	4.49	683.66
7/28/2023	10.74	677.41
10/9/2023	7.53	680.62
1/8/2024	5.89	682.26
4/1/2024	2.89	685.26
7/1/2024	6.63	681.52
10/2/2024	8.22	679.93
1/14/2025	5.71	682.44
4/1/2025	4.96	683.19

NOTES:

ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.84
DPE and GWCT off line for repairs in February 2007.
DPE off line for repairs in January 2008.
DPE off line for repairs in October 2013.
TOC Elevation re-measured on June 13, 2008 at 690.37.
TOC Elevation re-measured on April 7, 2011 at 685.84.
TOC Elevation re-measured on June 1, 2015 at 688.19.
TOC Elevation re-measured on February 23, 2016 at 688.15.
DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).
DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).
DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE injection pilot test (note shading on graph).
DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection (note shading on graph).
DPE-3, -5, -8 off line between March 2023 and October 2023 to accommodate electron donor injection (note shading on graph).

MONITORING WELL MW-16S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York

Hydrograph for MW-16S



—◆— Groundwater Elevation (ft MSL)

**MONITORING WELL MW-16D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York**

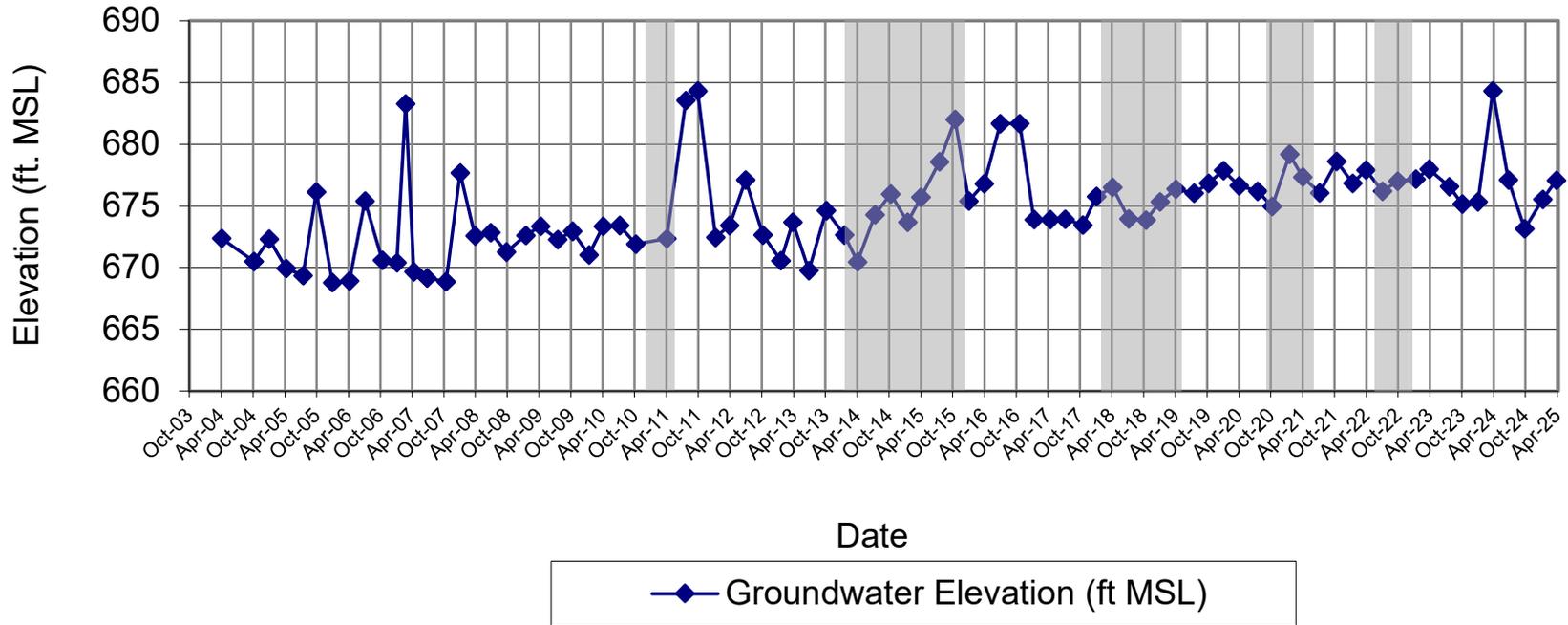
Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	13.62	672.39
10/12/2004	15.51	670.50
1/6/2005	13.70	672.31
4/14/2005	16.09	669.92
7/20/2005	16.65	669.36
10/4/2005	9.89	676.12
1/5/2006	17.21	668.80
4/11/2006	17.10	668.91
7/10/2006	10.61	675.4
10/18/2006	15.41	670.6
1/9/2007	15.6	670.41
2/28/2007	2.74	683.27
4/16/2007	16.35	669.66
7/2/2007	16.85	669.16
10/18/2007	17.17	668.84
1/8/2008	8.32	677.69
4/2/2008	13.44	672.57
7/1/2008	17.72	672.83
9/30/2008	19.29	671.26
1/19/2009	17.95	672.60
4/14/2009	17.21	673.34
7/21/2009	18.28	672.27
10/14/2009	17.60	672.95
1/18/2010	19.51	671.04
4/8/2010	17.19	673.36
7/12/2010	17.15	673.40
10/11/2010	18.63	671.92
4/7/2011	13.67	672.34
7/25/2011	2.46	683.55
10/3/2011	1.70	684.31
1/12/2012	13.55	672.46
4/2/2012	12.61	673.40
7/5/2012	8.90	677.11
10/11/2012	13.38	672.63
1/21/2013	15.44	670.57
4/1/2013	12.31	673.70
7/1/2013	16.25	669.76
10/9/2013	11.40	674.61
1/21/2014	13.35	672.66
4/7/2014	15.54	670.47
7/16/2014	11.73	674.28
10/14/2014	10.04	675.97
1/20/2015	12.31	673.70
4/6/2015	10.30	675.71
7/22/2015	9.80	678.59
10/19/2015	6.40	681.99
1/5/2016	13.00	675.39
4/4/2016	11.35	676.81
7/5/2016	6.49	681.67
10/24/2016	6.49	681.67
1/16/2017	14.28	673.88
4/18/2017	13.24	673.88
7/11/2017	14.25	673.91
10/23/2017	14.72	673.44
1/8/2018	12.38	675.78
4/11/2018	11.67	676.49
7/12/2018	14.20	673.96
10/19/2018	14.32	673.84
1/9/2019	12.82	675.34
4/8/2019	11.78	676.38
7/22/2019	12.13	676.03
10/14/2019	11.32	676.84
1/6/2020	10.29	677.87
4/6/2020	11.54	676.62
7/21/2020	11.96	676.20
10/12/2020	13.19	674.97
1/19/2021	8.96	679.20
4/6/2021	10.81	677.35
7/13/2021	12.10	676.06
10/18/2021	9.55	678.61
1/18/2022	11.33	676.83
4/4/2022	10.25	677.91
7/7/2022	11.96	676.20
10/3/2022	11.14	677.02
1/17/2023	11.00	677.16
4/3/2023	10.17	677.99
7/28/2023	11.60	676.56
10/9/2023	12.99	675.17
1/8/2024	12.82	675.34
4/1/2024	3.83	684.33
7/1/2024	11.07	677.09
10/2/2024	15.01	673.15
1/14/2025	12.63	675.53
4/1/2025	11.09	677.07

NOTES:

ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.01
DPE and GWCT off line for repairs in February 2007.
DPE off line for repairs in January 2008.
DPE off line for repairs in October 2013.
TOC Elevation re-measured on June 13, 2008 at 690.55.
TOC Elevation re-measured on April 7, 2011 at 686.01.
TOC Elevation re-measured on June 1, 2015 at 688.39.
TOC Elevation re-measured on February 23, 2016 at 688.16.
DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).
DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).
DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE injection pilot test (note shading on graph).
DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection (note shading on graph).
DPE-3, -5, -8 off line between March 2023 and October 2023 to accommodate electron donor injection (note shading on graph).

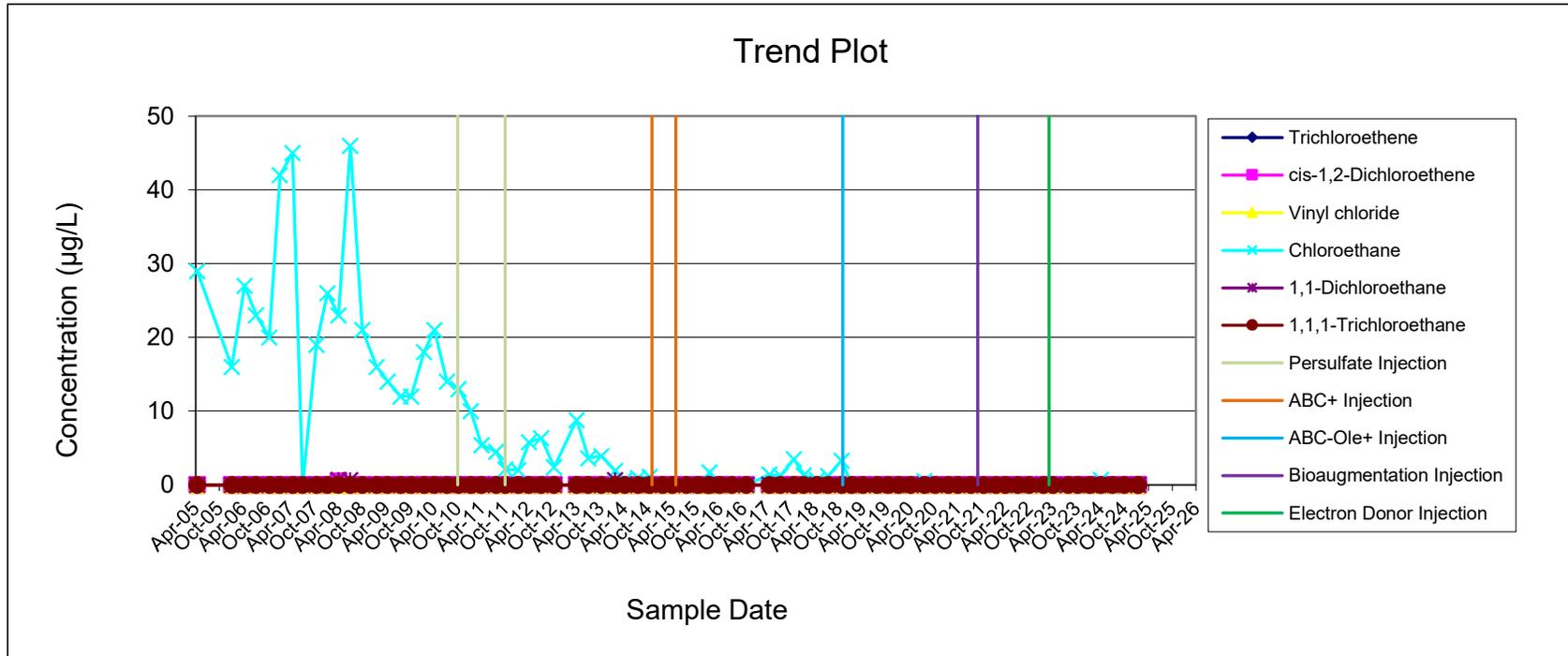
MONITORING WELL MW-16D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York

Hydrograph for MW-16D



Appendix D Current and Historical Summary of VOCs in Groundwater

**MONITORING WELL MW-2
 HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
 Former Scott Aviation Site
 Lancaster, New York**

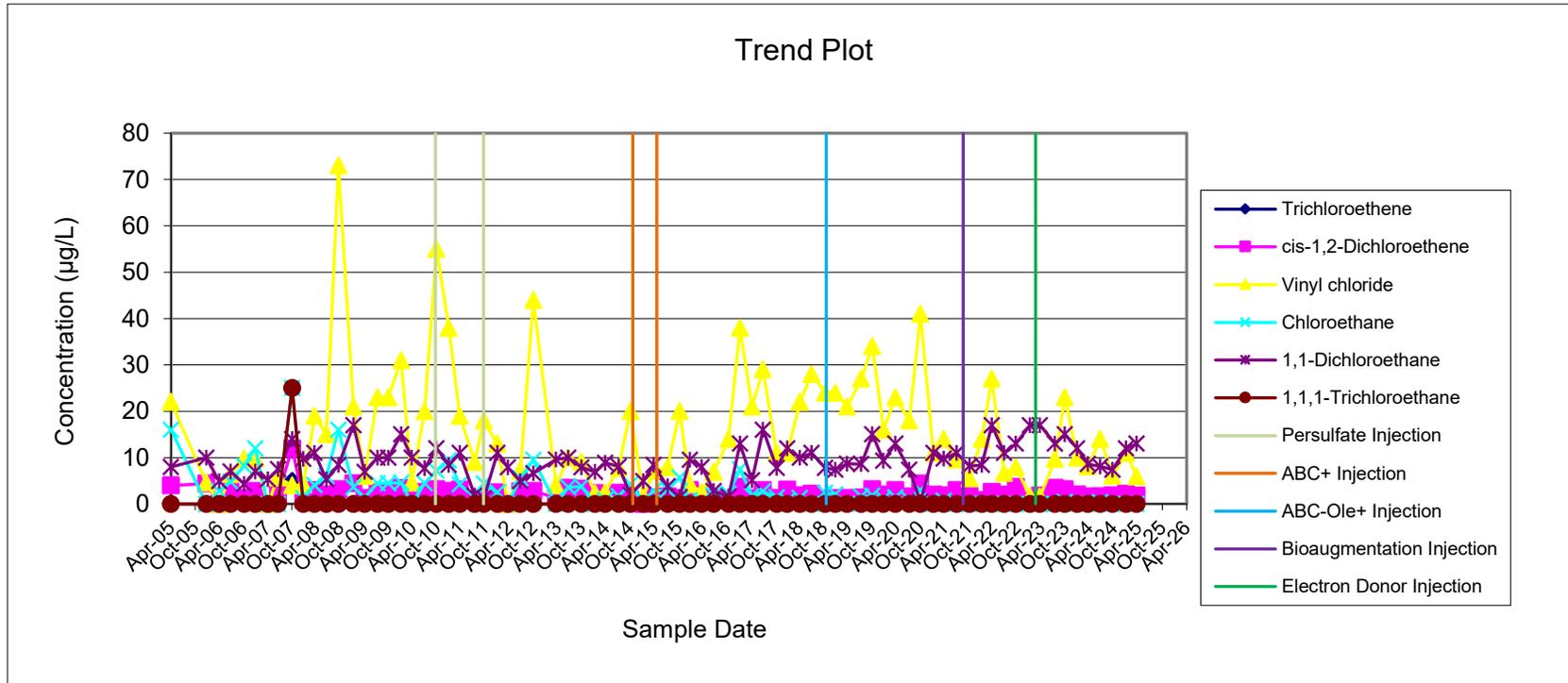


Note TCE data from 10/11/10 was reported in error as 350 µg/L and cis-1,2-DCE was reported as 25 µg/L.

**MONITORING WELL MW-3
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	4.0	22	16	8.0	< 10
1/5/2006	< 25	4.4	4.6	< 25	10	< 25
4/14/2006	< 25	< 25	< 25	2.8	4.9	< 25
7/10/2006	< 25	2.6	6.5	4.8	7.0	< 25
10/18/2006	< 5	1.3	9.8	8.2	4.3	< 5
1/10/2007	< 5	2.8	9.8	12	7.0	< 5
4/16/2007	< 20	< 20	< 20	< 20	5.3	< 20
7/2/2007	< 5	2.0	5.7	< 5	7.5	< 5
10/17/2007	5.0	12	4.0	25	14	25
1/9/2008	< 5	0.9	4.2	1.2	9.7	< 5
4/3/2008	< 5	3.0	19	4.1	11	< 5
7/1/2008	< 5	2.0	15	6.0	5.3	< 5
10/1/2008	< 5	3.2	73	16	8.4	< 5
1/21/2009	< 5	4.5	21	3.6	17	< 5
4/15/2009	< 5	1.3	6.0	1.4	6.9	< 5
7/22/2009	< 5	2.5	23	4.5	10	< 5
10/12/2009	< 5	2.5	23	4.5	10	< 5
1/18/2010	< 5	3.4	31	4.6	15	< 5
4/7/2010	< 5	1.7	4.6	< 5	10	< 5
7/13/2010	< 5	2.6	20	4.5	7.7	< 5
10/11/2010	< 5	3.2	55	7.2	12	< 5
1/12/2011	< 1	2.8	38	9.4	8.4	< 1
4/4/2011	< 1	3.1	19	4.2	11	< 1
7/26/2011	< 1	0.98	9.1	1.5	1.8	< 1
10/3/2011	< 1	1.1	18	4.4	1.2	< 1
1/13/2012	< 1	2.5	13	2.5	11	< 1
4/2/2012	< 1	< 1	< 1	< 1	7.9	< 1
7/5/2012	< 1	2.7	7.2	5.6	4.9	< 1
10/11/2012	< 1	2.8	44	9.5	6.6	< 1
4/1/2013	< 1	1.3	4.0	< 1	9.6	< 1
7/1/2013	< 1	3.5	10	3.6	10	< 1
10/10/2013	< 1	3.3	9.1	3.8	7.9	< 1
1/21/2014	< 1	2.3	2.3	< 1	6.9	< 1
4/7/2014	< 1	1.5	2.5	0.82	8.9	< 1
7/17/2014	< 1	2.4	7.8	1.7	8.1	< 1
10/14/2014	< 1	0.93	20	4.3	2.0	< 1
1/20/2015	< 1	< 1	1.5	0.64	4.9	< 1
4/7/2015	< 1	1.4	7.1	2.8	8.4	< 1
7/22/2015	< 1	1.6	7.9	3.1	3.8	< 1
10/21/2015	< 1	1.3	20	5.7	1.5	< 1
1/6/2016	< 1	3.0	4.2	0.83	9.5	< 1
4/5/2016	< 1	0.98	2.6	0.58	8	< 1
7/5/2016	< 1	1.3	6.9	1.9	2.8	< 1
10/25/2016	< 1	0.81	14	2.2	1.6	< 1
1/19/2017	< 1	3.7	38	7.5	13	< 1
4/20/2017	< 1	1.2	21	1.8	5.1	< 1
7/12/2017	< 1	3.0	29	2.7	16	< 1
10/23/2017	< 1	1.3	11	1.4	7.8	< 1
1/10/2018	< 1	3.1	11	0.72	12	< 1
4/17/2018	< 1	1.9	22	1.3	10	< 1
7/13/2018	< 1	2.2	28	< 1	11	< 1
10/24/2018	< 1	1.1	24	2.4	7.8	< 1
1/9/2019	< 1	1.3	24	2.1	7.4	< 1
4/8/2019	< 1	1.3	21	< 1	8.7	< 1
7/24/2019	< 1	1.4	27	1.6	8.6	< 1
10/15/2019	< 1	3.2	34	1.8	15	< 1
1/7/2020	< 1	2.0	16	1.1	9.3	< 1
4/6/2020	< 1	3.0	23	1.4	13	< 1
7/21/2020	< 1	1.6	18	1.0	7.4	< 1
10/13/2020	< 1	4.4	41	3.0	0.47	< 1
1/19/2021	< 1	2.0	11	< 1	11	< 1
4/6/2021	< 1	1.9	14	0.70	9.8	< 1
7/13/2021	< 1	3.0	9.6	< 1	11	< 1
10/18/2021	< 1	1.8	5.5	< 1	8.2	< 1
1/19/2022	< 1	0.86	14	< 1	8.4	< 1
4/4/2022	< 1	2.6	27	< 1	17	< 1
7/7/2022	< 1	2.0	6.7	< 1	11	< 1
10/3/2022	< 1	3.7	7.9	< 1	13	< 1
1/18/2023	< 1	0.82	1.6	< 1	17	< 1
4/3/2023	< 1	1.8	1.6	< 1	17	< 1
7/26/2023	< 1	3.5	9.7	< 1	13	< 1
10/9/2023	< 1	3.2	23	0.47	15	< 1
1/10/2024	< 1	2.1	10	< 1	12	< 1
4/1/2024	< 1	1.6	8.1	< 1	8.6	< 1
7/2/2024	< 1	1.7	14	0.39	8.1	< 1
10/2/2024	< 1	1.9	6.1	< 1	7.4	< 1
1/14/2025	< 1	2.2	11	< 1	12	< 1
4/3/2025	< 1	1.8	5.9	< 1	13	< 1

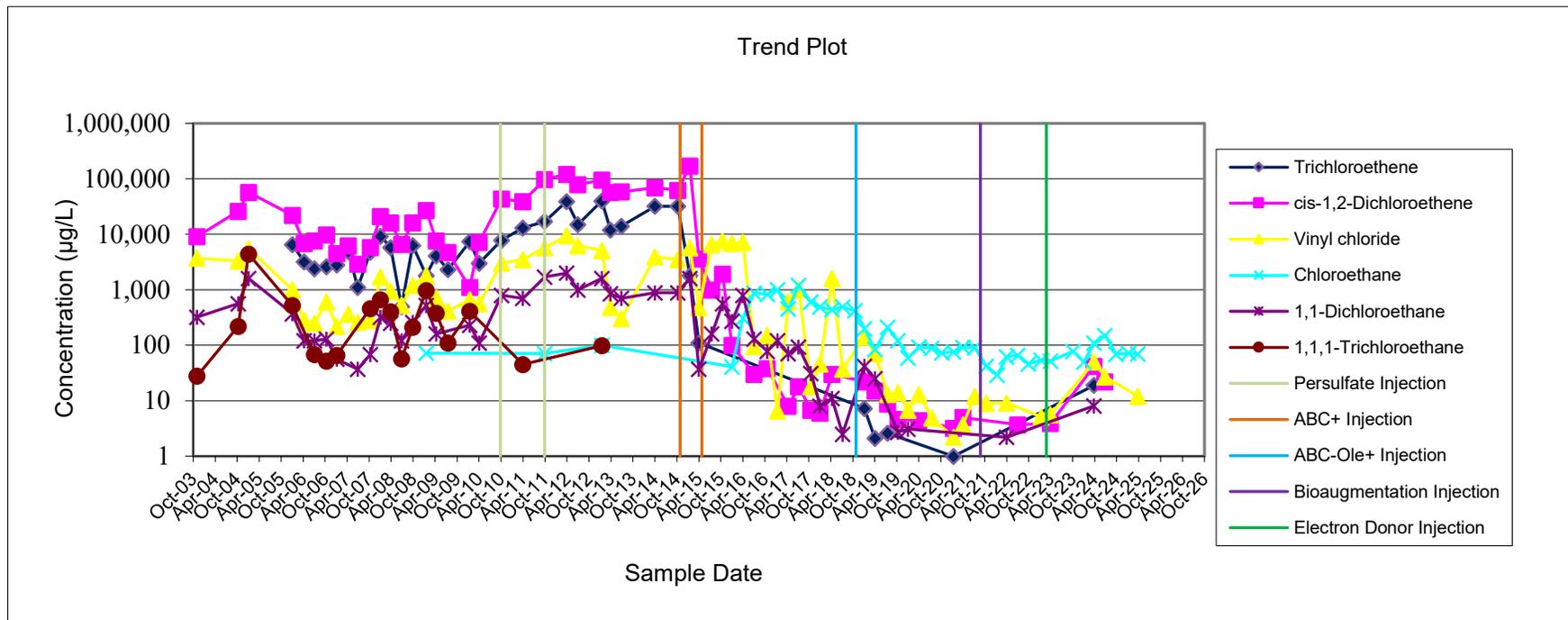
**MONITORING WELL MW-3
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**



**MONITORING WELL MW-4
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
11/7/2003	270	9,100	3,700	< 10	320	28
10/13/2004	8,100	26,000	3,300	< 1000	560	220
1/7/2005	20,000	57,000	5,500	< 2000	1,600	4,400
1/6/2006	6,500	22,000	1,000	< 2000	370	520
4/14/2006	3,200	6,800	280	<500	120	<500
7/10/2006	2,400	7,600	250	<500	120	68
10/18/2006	2,600	9,800	600	<5	130	52
1/10/2007	2,800	4,500	220	<400	56	66
4/17/2007	4,900	6,200	360	<500	<500	<500
7/3/2007	1,100	2,900	260	<200	37	<200
10/17/2007	4,800	5,800	280	<500	68	460
1/9/2008	9,200	21,000	1,700	<500	320	660
4/3/2008	5,800	16,000	940	<1200	250	400
7/2/2008	500	6,600	530	<500	120	57
10/2/2008	6,300	16,000	1,200	<500	260	210
1/22/2009	1,800	27,000	1,800	72	520	970
4/15/2009	4,100	7,600	710	<200	160	380
7/22/2009	2,300	4,700	410	<250	<250	110
1/19/2010	7,400	1,100	670	<1000	230	410
4/8/2010	3,000	7,200	560	<500	110	<500
10/11/2010	7,800	43,000	3,000	<4,000	790	<4,000
4/6/2011	13,000	39,000	3,500	<40	700	45
10/4/2011	17,000	97,000	5,700	71	1700	<1
4/3/2012	39,000	120,000	9,400	<200	2000	<200
7/6/2012	15,000	78,000	6,200	<1000	990	<1000
1/21/2013	40,000	95,000	5,100	100	1600	98
4/2/2013	12,000	57,000	480	<40	850	<40
7/1/2013	14,000	58,000	300	<100	700	<100
4/7/2014	32,000	69,000	3,900	<1000	880	<1000
10/14/2014	32,000	62,000	3,500	<1000	880	<1000
1/21/2015	1,800	170,000	5,700	<1,000	1,600	<1000
4/7/2015	110	3,600	480	<80	37	<80
7/23/2015	<100	990	6,500	<100	160	<100
10/20/2015	<100	1,900	7,600	<100	560	<100
1/6/2016	<100	100	6,800	41	270	<100
4/6/2016	<100	<100	7,200	310	790	<100
7/8/2016	<20	30	95	870	130	<20
10/25/2016	<20	38	150	830	78	<20
1/19/2017	<20	<20	6.5	1,000	120	<20
4/18/2017	<5	8.0	610	450	71	<5
7/13/2017	<20	18	1,000	1,200	93	<20
10/23/2017	<20	6.8	18	600	31	<20
1/8/2018	<5	6.0	46	490	8.0	<5
4/17/2018	<20	30	1,600	440	11	<20
7/13/2018	<5	<5	37	490	2.5	<5
10/24/2018	<20	<20	<20	420	<20	<20
1/10/2019	7.3	22	140	200	42	<4
4/8/2019	2.1	15	71	84	25	<4
7/22/2019	2.6	8.8	13	210	<4	<4
10/17/2019	<4	4.6	14	120	2.7	<4
1/8/2020	<4	<4	6.8	59	3.1	<4
4/8/2020	<4	4.4	13	93	<4	<4
7/23/2020	<4	<4	4.9	89	<4	<4
10/14/2020	<4	<4	<4	73	<4	<4
1/20/2021	1.0	3.2	2.2	76	<1	<1
4/8/2021	<4	5.0	3.7	92	<4	<4
7/15/2021	<4	<4	12	91	<4	<4
10/19/2021	<4	<4	9.0	42	<4	<4
1/18/2022	<4	<4	<4	29	<4	<4
4/6/2022	<4	<4	9.1	62	2.2	<4
7/8/2022	<4	3.7	<4	66	<4	<4
10/3/2022	<4	<4	<4	46	<4	<4
1/18/2023	<4	<4	5.1	54	<4	<4
4/4/2023	<4	3.9	5.6	52	<4	<4
7/28/2023	<20	<20	<20	<20	<20	<20
10/10/2023	<20	<20	<20	78	<20	<20
1/8/2024	<40	<40	<40	50	<40	<40
4/1/2024	19	42	50	110	8.1	<20
7/1/2024	<20	22	27	150	<20	<20
10/2/2024	<20	<20	<20	69	<20	<20
1/14/2025	<20	<20	<20	72	<20	<20
4/1/2025	<10	<10	12	70	<10	<10

MONITORING WELL MW-4
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



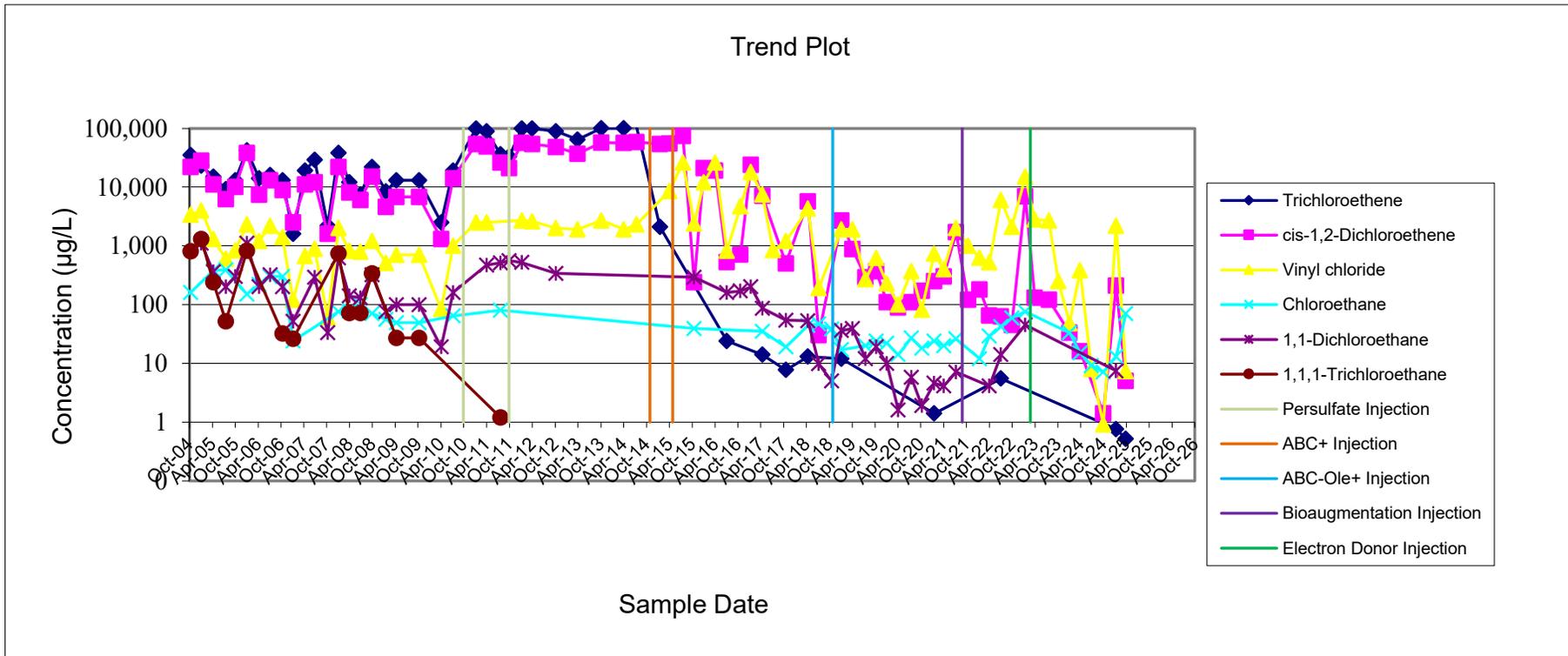
Note: LNAPL was present in MW-4 during the October 2004 and January 2005 groundwater sampling events.

**MONITORING WELL MW-8R
 HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
 Former Scott Aviation Site
 Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
10/13/2004	35,000	22,000	3,400	160	< 5,000	810
1/7/2005	23,000	28,000	4,000	< 2,000	1,100	1,300
4/14/2005	15,000	11,000	1,300	380	360	240
7/21/2005	9,200	6,200	600	390	200	52
10/5/2005	13,000	10,000	830	< 1,000	300	<1,000
1/6/2006	42,000	38,000	2,300	150	1100	820
4/14/2006	14,000	7,400	1,200	220	200	< 1,000
7/10/2006	16,000	13,000	2,200	300	320	< 1,000
10/18/2006	13,000	8,900	1,400	300	200	32
1/10/2007	1,600	2,500	120	24	52	26
4/17/2007	19,000	11,000	670	< 1,000	< 1,000	< 1,000
7/3/2007	29,000	12,000	890	< 1,000	290	< 1,000
10/15/2007	2,200	1,600	60	< 200	33	< 200
1/8/2008	38,000	22,000	2,000	76	620	740
4/3/2008	12,000	8,100	820	77	140	72
7/2/2008	7,400	6,000	790	100	130	72
10/2/2008	22,000	15,000	1,200	70	320	340
1/22/2009	8,400	4,600	510	56	76	<100
4/15/2009	13,000	6,800	700	49	99	27
10/13/2009	13,000	6,800	700	49	99	27
4/8/2010	2,500	1,300	84	<100	19	<100
7/12/2010	19,000	14,000	1,000	64	160	<100
1/12/2011	99,000	54,000	2,500	<2000	<2000	<2000
4/6/2011	89,000	49,000	2,500	<800	470	<800
7/26/2011	36,000	26,000	<800	80	510	1.2
10/4/2011	33,000	21,000	<400	<400	560	<400
1/13/2012	99,000	56,000	2,700	<800	520	<800
4/3/2012	99,000	54,000	2,600	<2000	<2000	<2000
10/12/2012	89,000	48,000	2,000	<800	340	<800
4/2/2013	64,000	37,000	1,900	<1000	<1000	<1000
10/10/2013	100,000	57,000	2,700	<1000	<1000	<1000
4/7/2014	100,000	56,000	1,900	<1000	<1000	<1000
7/17/2014	110,000	58,000	2,300	<1000	<1000	<1000
1/21/2015	2,100	54,000	<2000	<2000	<2000	<2000
4/6/2015	<2000	55,000	8,500	<2000	<2000	<2000
7/23/2015	<200	74,000	26,000	<200	<200	<200
10/21/2015	<25	240	2,400	39	290	<25
1/6/2016	<1,000	21,000	12,000	<1,000	<1,000	<1,000
4/6/2016	<1,000	19,000	26,000	<1,000	<1,000	<1,000
7/8/2016	24	530	820	<20	160	<20
10/25/2016	<100	710	4,700	<100	170	<100
1/17/2017	<100	24,000	18,000	<100	200	<100
4/18/2017	14	7,100	7,500	35	86	<50
7/13/2017	<400	<400	840	<400	<400	<400
10/24/2017	7.7	500	1,200	19	54	<10
4/18/2018	13	5,700	4,300	44	53	<20
7/13/2018	<10	30	190	47	9.8	<10
10/24/2018	<10	<10	<10	38	5.0	<10
1/10/2019	12	2,700	1,900	17	36	<10
4/8/2019	<40	880	1,900	<40	39	<40
7/22/2019	<8	290	270	20	12	<8
10/15/2019	<10	370	620	24	19	<10
1/8/2020	<10	110	230	22	9.9	<10
4/8/2020	<2	89	100	14	1.6	<2
7/22/2020	<2	110	370	27	5.8	<2
10/14/2020	<2	170	82	18	1.9	<2
1/20/2021	1.4	250	730	24	4.6	<1
4/7/2021	<10	300	400	20	4.1	<10
7/14/2021	<8	1,700	2,000	26	7.1	<8
10/19/2021	<25	120	1,000	<25	<25	<25
1/18/2022	<25	180	630	12	<25	<25
4/6/2022	<8	65	520	29	4.1	<8
7/8/2022	5.5	63	6,000	42	14.0	<8
10/3/2022	<40	45	2,100	59	<40	<40
1/18/2023	<40	6,900	15,000	76	45.0	<40
4/4/2023	<40	130	2,800	<40	<40	<40
7/27/2023	<40	120	2,700	<40	<40	<40
10/10/2023	<40	<40	250	<40	<40	<40
1/8/2024	<40	33	48	33	<40	<40
4/1/2024	<5	16	380	15	<5	<5
7/1/2024	<5	<5	8	9	<5	<5
10/3/2024	<1	1.4	0.9	7.1	<1	<1
1/14/2025	0.8	210	2,200	13	7.4	<1
4/1/2025	0.5	5.0	7.3	70	<1	<1

Note well was not accessible during the January 2018 sampling event.

MONITORING WELL MW-8R
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



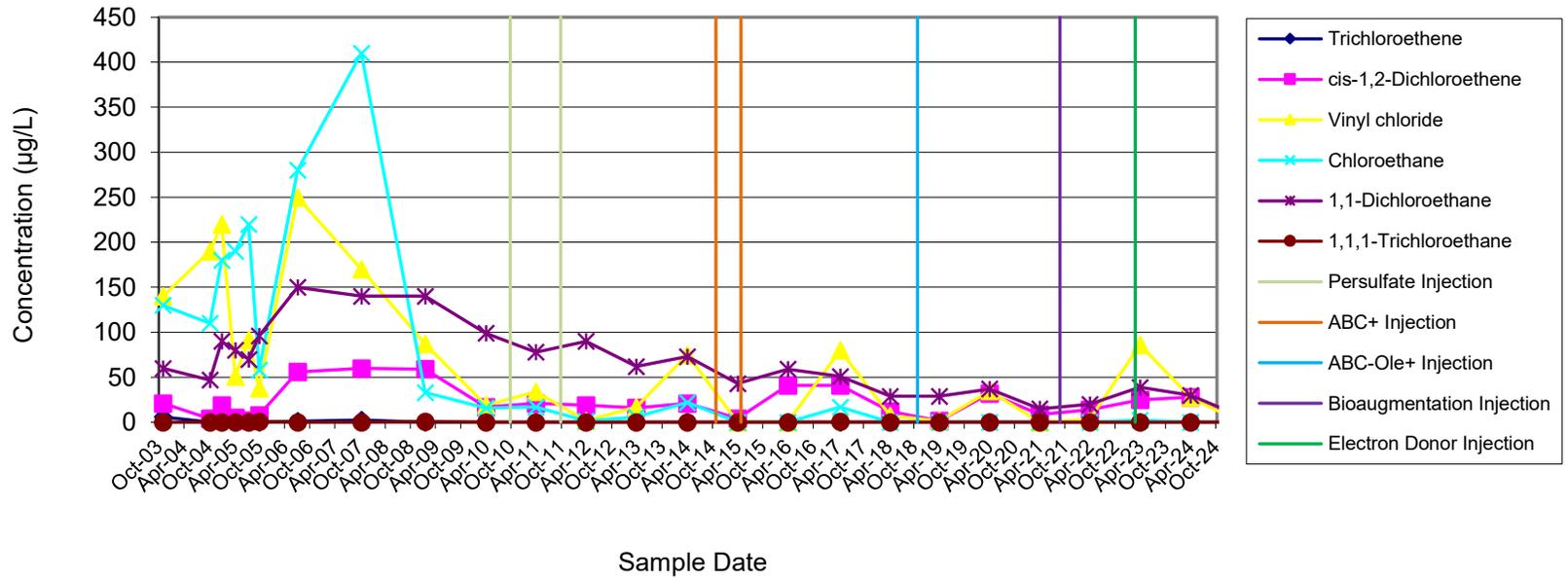
Note: LNAPL was present in MW-4 during the October 2004 and January 2005 groundwater sampling events.

**MONITORING WELL MW-9
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
11/7/2003	6	21	140	130	60	< 10
10/13/2004	< 10	4.0	190	110	47	< 10
1/6/2005	< 10	19	220	180	90	< 10
4/14/2005	< 10	5.0	51	190	80	< 10
7/21/2005	< 5	2.0	92	220	70	< 5
10/5/2005	< 5	8.0	38	58	96	0.68
7/10/2006	1.3	56	250	280	150	< 5
10/17/2007	2.6	60	170	410	140	< 25
1/21/2009	<5	59	87	33	140	0.81
4/7/2010	<5	17	19	16	99	< 5
4/4/2011	<1	21	34	17	78	<1
4/2/2012	<1	19	1.8	1.5	90	<1
4/1/2013	<1	16	17	5.9	62	<1
4/7/2014	<1	21	75	22	73	<1
4/7/2015	<1	4.1	<1	<1	43	<1
4/5/2016	<1	41	<1	<1	59	<1
4/20/2017	<1	41	80	17	51	0.6
4/17/2018	<1	12	7.2	<1	29	<1
4/8/2019	<1	1.6	1.6	<1	29	<1
4/7/2020	<1	32	35	<1	37	<1
4/6/2021	<1	8.7	<1	<1	15	<1
4/4/2022	<1	14	3.2	<1	20	<1
4/3/2023	<1	25	86	2.4	39	<1
4/3/2024	<1	28	28	<1	30	<1
4/3/2025	<1	6.2	<1	<1	7.0	<1

MONITORING WELL MW-9
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Trend Plot

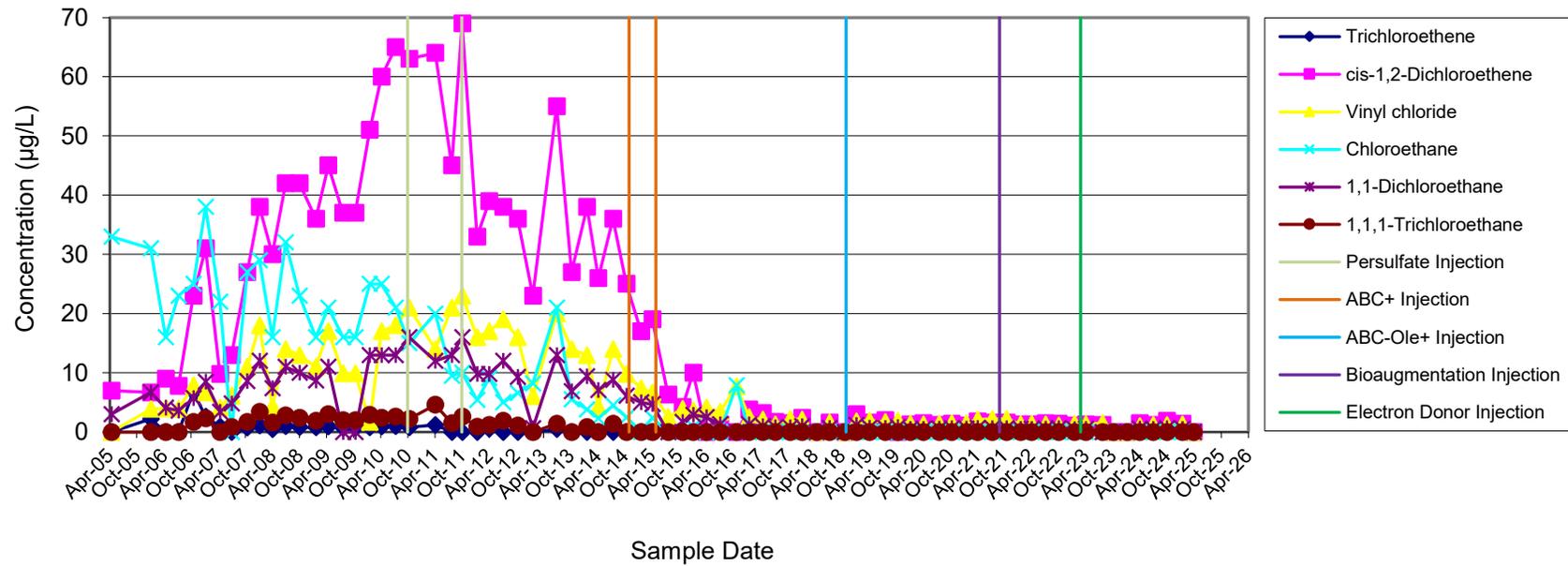


MONITORING WELL MW-11
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	7.0	< 10	33	3.0	< 10
1/5/2006	2.2	6.7	3.9	31	6.7	<20
4/14/2006	< 20	9.0	4.0	16	4.1	< 20
7/10/2006	< 20	7.8	3.9	23	3.6	< 20
10/19/2006	6.8	23	7.9	25	5.7	1.7
1/9/2007	2.6	31	6.7	38	8.5	2.3
4/16/2007	0.89	9.8	4.1	22	3.4	<5
7/2/2007	< 5	13	6.1	< 5	4.8	0.84
10/16/2007	0.71	27	11	27	8.6	1.7
1/8/2008	1.1	38	18	29	12	3.4
4/2/2008	0.49	30	4.3	16	7.4	1.6
7/1/2008	1.0	42	14	32	11	2.8
10/2/2008	0.81	42	13	23	10	2.4
1/20/2009	0.77	36	11	16	8.7	1.9
4/14/2009	0.95	45	17	21	11	3.0
7/22/2009	0.69	37	9.9	16	<5	2.0
10/13/2009	0.69	37	9.9	16	<5	2.0
1/18/2010	0.77	51	1.7	25	13	2.9
4/7/2010	0.95	60	17	25	13	2.4
7/12/2010	1.0	65	18	21	13	2.6
10/11/2010	0.8	63	21	15	16	2.2
4/5/2011	1.2	64	14	20	12	4.6
7/25/2011	<1	45	21	9.5	13	1.5
10/3/2011	<1	69	23	10	16	2.6
1/12/2012	<1	33	16	5.4	9.8	0.88
4/2/2012	0.51	39	17	9.1	9.8	1.2
7/5/2012	<1	38	19	5.0	12	1.9
10/11/2012	<1	36	16	6.6	9.3	1.1
1/21/2013	<1	23	6.0	8.2	0.64	<1
7/1/2013	0.46	55	20	21	13	1.4
10/9/2013	<1	27	14	5.5	6.9	<1
1/21/2014	<1	38	13	3.8	9.4	0.85
4/7/2014	<1	26	4.3	2.3	7.1	<1
7/16/2014	<1	36	14	4.5	8.8	1.4
10/14/2014	<1	25	9.8	2.5	6.1	<1
1/20/2015	<5	17	7.4	<5	5.0	<5
4/6/2015	<2	19	6.7	2.4	4.7	<2
7/22/2015	<1	6.3	2.5	<1	<1	<1
10/26/2015	<1	4.2	3.9	<1	1.7	<1
1/6/2016	<1	10	3.6	0.89	2.9	<1
4/4/2016	<1	<1	4.1	<1	2.5	<1
7/5/2016	<1	1.3	3.4	<1	1.3	<1
10/24/2016	<1	<1	7.7	7.9	<1	<1
1/17/2017	<1	3.8	2.5	<1	1.3	<1
4/18/2017	<1	3.2	2.1	<1	1.0	<1
7/12/2017	<1	1.7	1.3	<1	0.78	<1
10/20/2017	<1	1.5	2.2	<1	0.79	<1
1/8/2018	<1	2.4	2.1	<1	0.99	<1
4/18/2018	<2	<2	<2	<2	<2	<2
7/12/2018	<1	1.6	1.6	<1	0.68	<1
10/24/2018	<4	<4	<4	<4	<4	<4
1/9/2019	<1	3.0	1.8	<1	1.2	<1
4/8/2019	<1	1.6	1.9	<1	0.75	<1
7/23/2019	<1	2.0	1.7	<1	0.68	<1
10/15/2019	<1	<1	1.9	<1	0.82	<1
1/7/2020	<1	1.3	1.4	<1	0.54	<1
4/6/2020	<1	1.5	1.3	<1	0.54	<1
7/21/2020	<1	1.2	1.4	<1	0.59	<1
10/13/2020	<1	1.4	1.5	<1	0.64	<1
1/19/2021	<1	1.1	1.5	<1	0.58	<1
4/6/2021	<1	1.8	2.1	<1	0.66	<1
7/13/2021	<1	1.6	2.2	<1	0.61	<1
10/18/2021	<1	1.6	2.2	<1	0.61	<1
1/19/2022	<1	1.3	1.3	<1	0.54	<1
4/5/2022	<1	1.3	1.4	<1	0.52	<1
7/7/2022	<1	1.5	1.3	<1	0.59	<1
10/3/2022	<1	1.4	1.1	<1	0.61	<1
1/18/2023	<1	1.1	1.4	<1	0.46	<1
4/4/2023	<1	1.3	1.3	<1	0.52	<1
7/26/2023	<1	1.2	1.5	<1	<1	<1
10/9/2023	<2	<2	<2	<2	<2	<2
1/8/2024	<2	<2	<2	<2	<2	<2
4/1/2024	<1	1.5	0.99	<1	0.57	<1
7/1/2024	<1	1.2	1.2	<1	0.51	<1
10/2/2024	<1	1.9	1.2	<1	0.64	<1
1/14/2025	<1	1.4	1.3	<1	0.52	<1
4/1/2025	<2	<2	<2	<2	<2	<2

MONITORING WELL MW-11
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Trend Plot



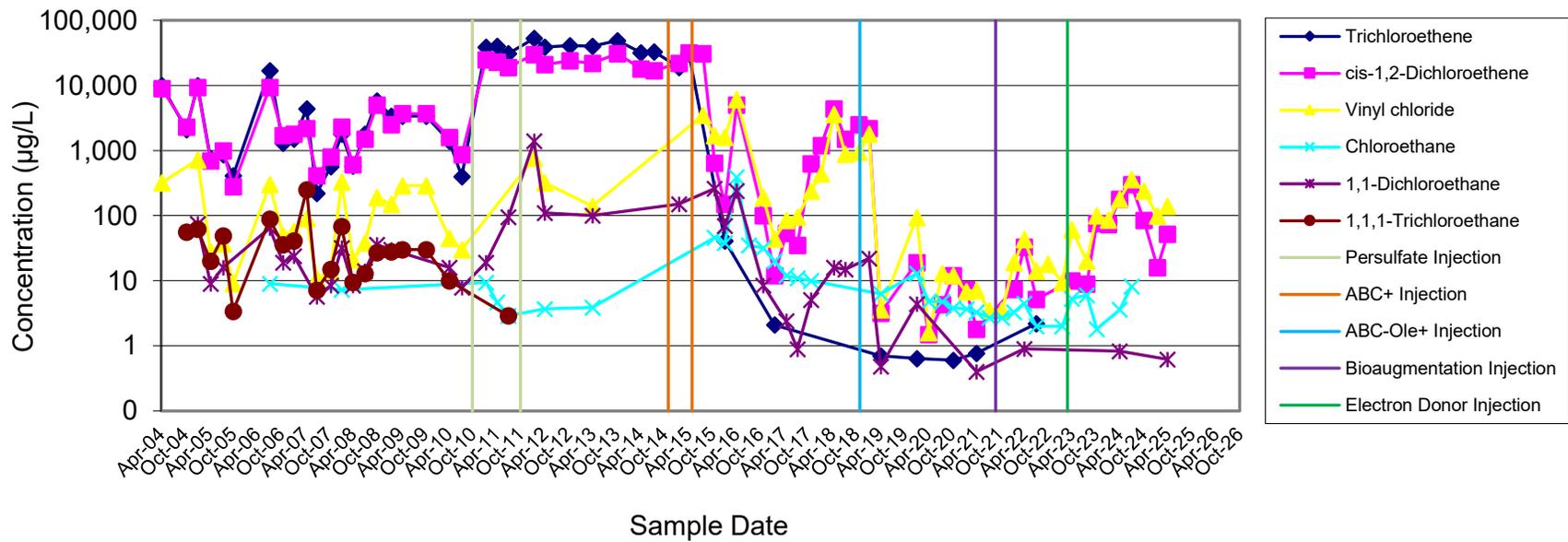
PIEZOMETER MW-13S
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	10,000	9,000	320	< 100	< 100	< 100
10/12/2004	2,100	2,300	< 200	< 200	< 200	56
1/6/2005	10,000	9,400	720	< 200	75	62
4/15/2005	760	700	28	< 50	9.0	20
7/20/2005	870	990	37	< 40	16	49
10/4/2005	410	280	9.1	< 40	< 40	3.4
7/10/2006	17,000	9,400	300	9.0	65	88
10/19/2006	1,300	1,700	50	<100	19	36
1/10/2007	1,500	1,800	58	<100	24	41
4/17/2007	4,400	2,200	90	< 250	< 250	250
7/3/2007	220	410	11	< 25	5.7	7.2
10/18/2007	570	800	14	< 25	8.5	15
1/9/2008	1800	2300	330	7.3	32	68
4/3/2008	580	610	21	<50	8.5	9.5
7/2/2008	1,800	1,500	38	<120	14	13
10/2/2008	5,800	5,000	190	<120	36	27
1/20/2009	3,400	2,500	150	<10	30	28
4/15/2009	3,400	3,700	290	<40	<40	30
10/13/2009	3,400	3,700	290	<40	<40	30
4/7/2010	1,400	1,600	45	<50	16	10
7/13/2010	400	870	30	<50	7.9	<50
1/12/2011	39,000	25,000	<500	9.4	19	<1
4/6/2011	40,000	23,000	<800	4.7	<800	<800
7/2/2011	31,000	19,000	<800	2.9	95	2.9
1/13/2012	53,000	30,000	770	<800	1400	<800
4/3/2012	39,000	21,000	320	3.7	110	<1
10/12/2012	41,000	24,000	<800	<800	<800	<800
4/2/2013	40,000	22,000	140	3.9	100	<1
10/10/2013	49,000	31,000	<1	<1	<1	<1
4/7/2014	32,000	18,000	<500	<500	<500	<500
7/17/2014	33,000	17,000	<500	<500	<500	<500
1/21/2015	19,000	22,000	<500	<500	150	<500
4/7/2015	31,000	32,000	<500	<500	<500	<500
7/23/2015	<500	31,000	3,500	<500	<500	<500
10/20/2015	<10	640	1,700	46	260	<10
1/6/2016	41	150	1,600	38	70	<25
4/5/2016	<100	5,000	6,100	390	240	<100
7/6/2016	<4	<4	<4	35	<4	<4
10/25/2016	<2	100	190	32	8.5	<2
1/19/2017	2.1	12	44	20	<2	<2
4/19/2017	<1	54	85	12	2.4	<1
7/13/2017	<2	35	95	11	0.89	<2
10/24/2017	<5	630	240	10	5.1	<5
1/9/2018	<40	1,200	440	<40	<40	<40
4/17/2018	<40	4,400	3,600	<40	16	<40
7/13/2018	<40	1,500	880	<40	15	<40
10/24/2018	<40	2,500	940	<40	<40	<40
1/9/2019	<40	2,200	1,800	<40	22	<40
4/8/2019	0.7	3.2	3.6	6.3	0.48	<1
1/8/2020	0.64	19	94	13	4.4	<1
4/8/2020	<1	1.5	1.6	4.8	<1	<1
7/22/2020	<1	4.3	13	4.8	<1	<1
10/13/2020	0.60	12	12	3.8	<1	<1
1/20/2021	<1	7.3	6.8	3.7	<1	<1
4/7/2021	0.77	1.8	7.1	3.3	0.40	<1
7/14/2021	<2	<2	3.5	2.7	<2	<2
10/19/2021	<2	<2	3.5	2.7	<2	<2
1/18/2022	<2	7.4	19	3.3	<2	<2
4/5/2022	<2	33	43	4.5	0.90	<2
7/7/2022	2.2	5.2	14	2.0	<1	<1
10/4/2022	<2	<2	18	<2	<2	<2
1/19/2023	<2	<2	9.4	2.0	<2	<2
4/4/2023	<1	10	61	5.3	<1	<1
7/27/2023	<2	8.9	20	6.0	<2	<2
10/10/2023	<2	76	100	1.8	<2	<2
1/8/2024	<2	73	86	<2	<2	<2
4/1/2024	<2	180	180	3.6	0.83	<2
7/1/2024	<5	300	360	8.2	<5	<5
10/3/2024	<5	85	240	<5	<5	<5
1/15/2025	<5	16	99	<5	<5	<5
4/1/2025	<1	52	140	<1	0.62	<1

Note well was dry during the July 2019 and October 2019 sampling events.

MONITORING WELL MW-13S
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

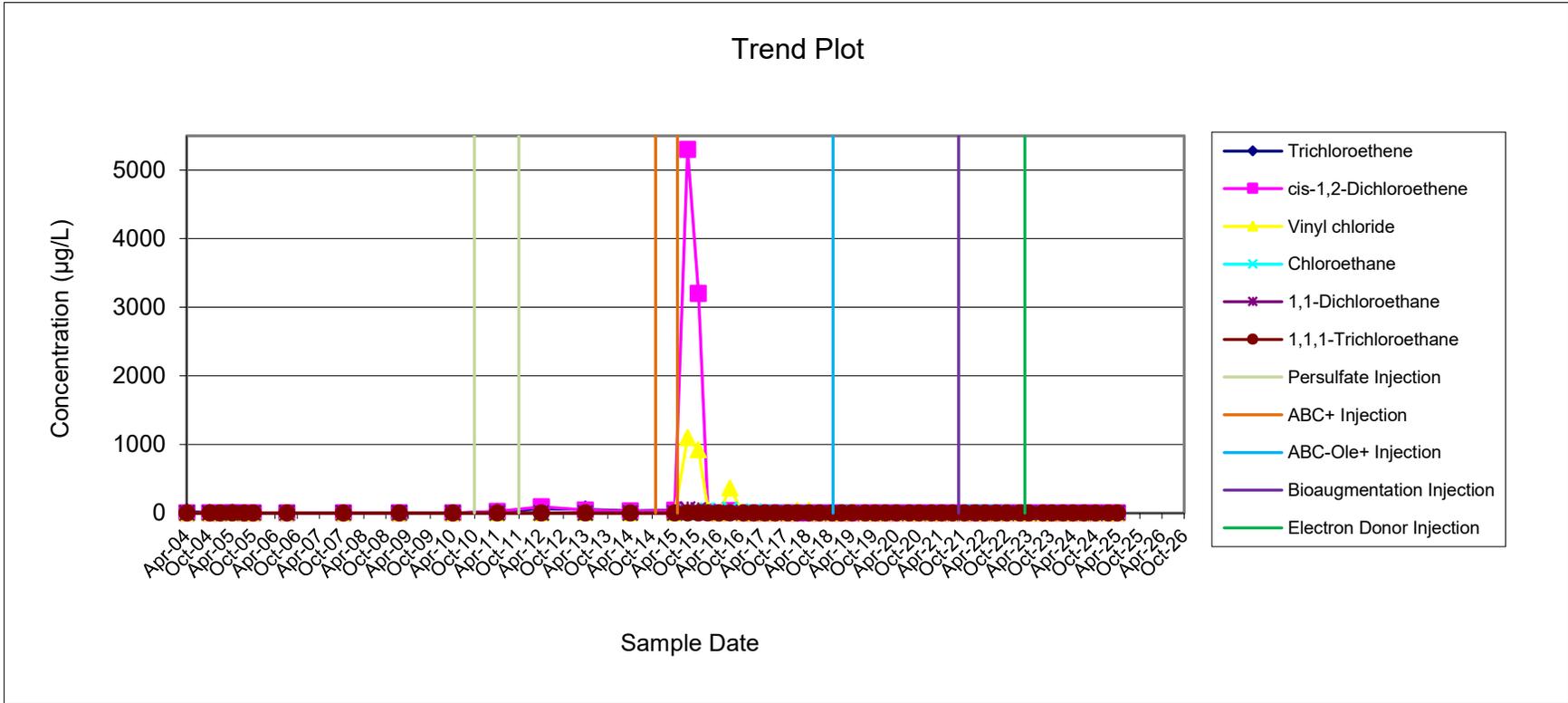
Trend Plot



PIEZOMETER MW-13D
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	17	2.0	<10	<10	<10	<10
10/12/2004	7.0	2.0	<10	<10	<10	<10
1/6/2005	<10	<10	<10	<10	<10	<10
4/15/2005	8.0	4.0	<10	<10	<10	<10
7/20/2005	1.0	2.0	<5	<5	<5	<5
10/4/2005	1.4	1.5	<5	<5	<5	<5
7/10/2006	2.0	1.6	2.6	<5	<5	<5
10/18/2007	<5	0.55	1.1	<5	<5	<5
1/20/2009	<5	<5	<5	<5	<5	<5
4/7/2010	<5	<5	<5	<5	<5	<5
4/6/2011	22	23	<1	<1	<1	<1
4/3/2012	62	89	2.3	<1	<1	<1
4/1/2013	53	44	2.9	<1	<1	<1
4/7/2014	30	28	1.9	<1	<1	<1
4/7/2015	40	37	<1	<1	<1	<1
7/23/2015	2	5300	1100	11	56	<1
10/20/2015	<100	3200	920	<100	42	<100
1/6/2016	<10	15	47	38	12	<10
4/6/2016	<10	<10	<10	36	<10	<10
7/6/2016	<10	34	360	51	7.8	<10
10/25/2016	0.47	<1	<1	12	<1	<1
1/19/2017	<1	<1	<1	25	<1	<1
4/19/2017	<1	0.87	<1	9	<1	<1
7/13/2017	<1	<1	<1	13	<1	<1
10/24/2017	<1	<1	<1	6.9	<1	<1
1/9/2018	<1	1.1	39	9.9	0.73	<1
4/18/2018	<1	<1	39	6.5	<1	<1
7/13/2018	<1	<1	<1	5.5	<1	<1
10/24/2018	<1	<1	<1	4.2	<1	<1
1/10/2019	<1	1.6	1.2	7.4	<1	<1
4/8/2019	<1	<1	18	9.8	<1	<1
7/24/2019	<1	<1	<1	0.73	<1	<1
10/15/2019	<1	<1	<1	4.5	<1	<1
1/8/2020	<1	<1	<1	2.5	<1	<1
4/8/2020	<1	<1	4.0	2.9	<1	<1
7/22/2020	<1	<1	<1	2.8	<1	<1
10/13/2020	<1	<1	<1	3.5	<1	<1
1/20/2021	<1	<1	<1	2.4	<1	<1
4/15/2021	<1	<1	<1	2.6	<1	<1
7/14/2021	<1	<1	<1	2.2	<1	<1
10/19/2021	<1	<1	<1	2.2	<1	<1
1/18/2022	<1	<1	9.2	19	<1	<1
4/5/2022	<1	<1	1.4	12	<1	<1
7/7/2022	<1	<1	<1	7.8	<1	<1
10/4/2022	<1	<1	<1	<1	<1	<1
1/19/2023	<1	<1	<1	4.7	<1	<1
4/4/2023	<1	<1	<1	4.3	<1	<1
7/27/2023	<1	<1	<1	3.6	<1	<1
10/10/2023	<1	<1	<1	2.1	<1	<1
1/8/2024	<1	<1	<1	3.9	<1	<1
4/2/2024	<1	<1	<1	1.7	<1	<1
7/1/2024	<1	<1	<1	2.2	<1	<1
10/3/2024	<1	<1	<1	0.54	<1	<1
1/15/2025	<1	<1	<1	2.5	<1	<1
4/2/2025	<1	<1	<1	2.2	<1	<1

PIEZOMETER MW-13D
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



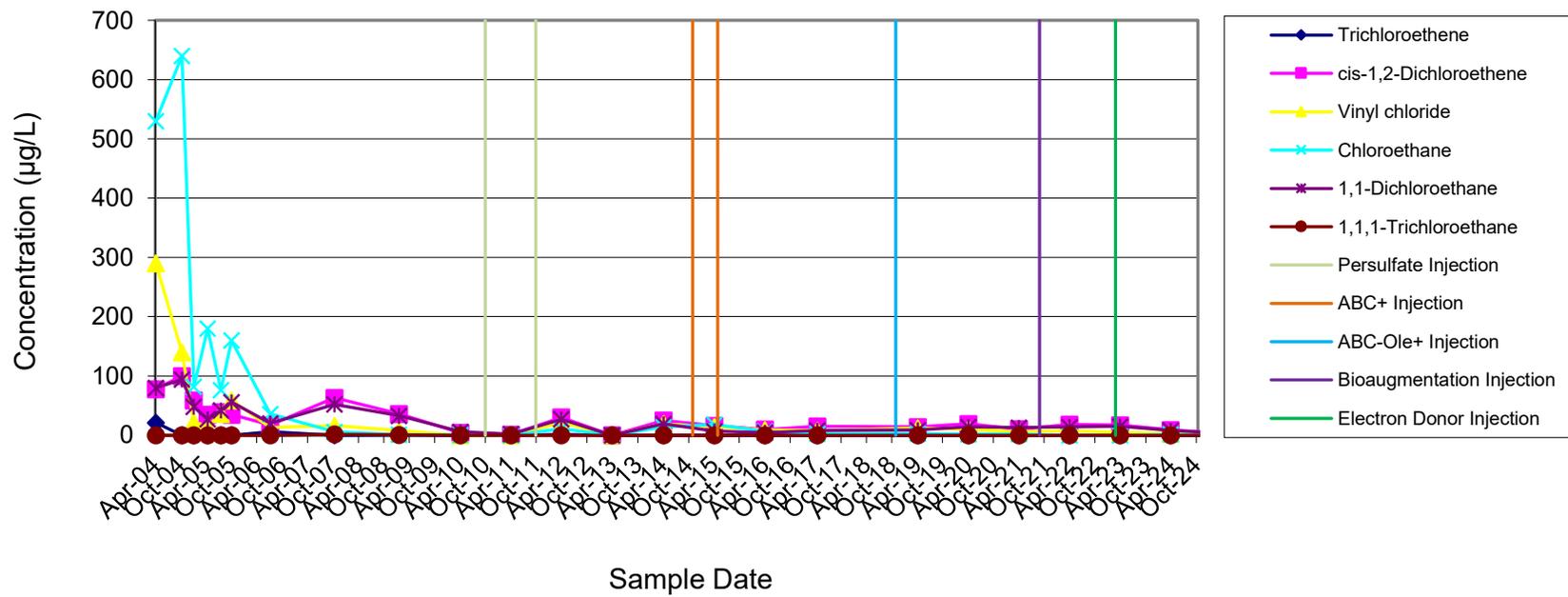
PIEZOMETER MW-14S
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	21	78	290	530	80	<20
10/12/2004	<10	100	140	640	94	<10
1/6/2005	<10	59	22	82	48	<10
4/15/2005	<10	35	15	180	27	<10
7/20/2005	<5	39	36	76	42	<5
10/5/2005	<5	35	59	160	56	<5
7/10/2006	5.7	17	13	36	20	< 25
10/15/2007	< 5	63	16	5.7	52	1.3
1/21/2009	0.38	36	7.9	0.87	33	0.63
4/8/2010	<5	4	< 5	0.62	5.9	<5
4/5/2011	<1	1.1	<1	<1	1.9	<1
4/2/2012	1.3	30	21	11	27	<1
4/1/2013	<1	<1	<1	<1	<1	<1
4/7/2014	<1	25	19	14	19	<1
4/7/2015	<1	16	14	18	6.8	<1
4/5/2016	<1	9.6	8.9	6.3	4.4	<1
4/18/2017	<1	15	7.8	2.8	8.1	<1
4/10/2019	<1	14	12	2.7	8.9	<1
4/7/2020	<1	19	10	1.8	14	<1
4/7/2021	<1	10	6.0	1.9	13	<1
4/4/2022	<1	18	7.2	<1	14	<1
4/3/2023	<1	17	4.6	<1	15	<1
4/2/2024	<1	8.9	2.5	1.3	7.7	<1
4/3/2025	<1	3.2	1.8	<1	3.4	<1

Well was flooded and not sampled in April 2018.

PIEZOMETER MW-14S
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Trend Plot

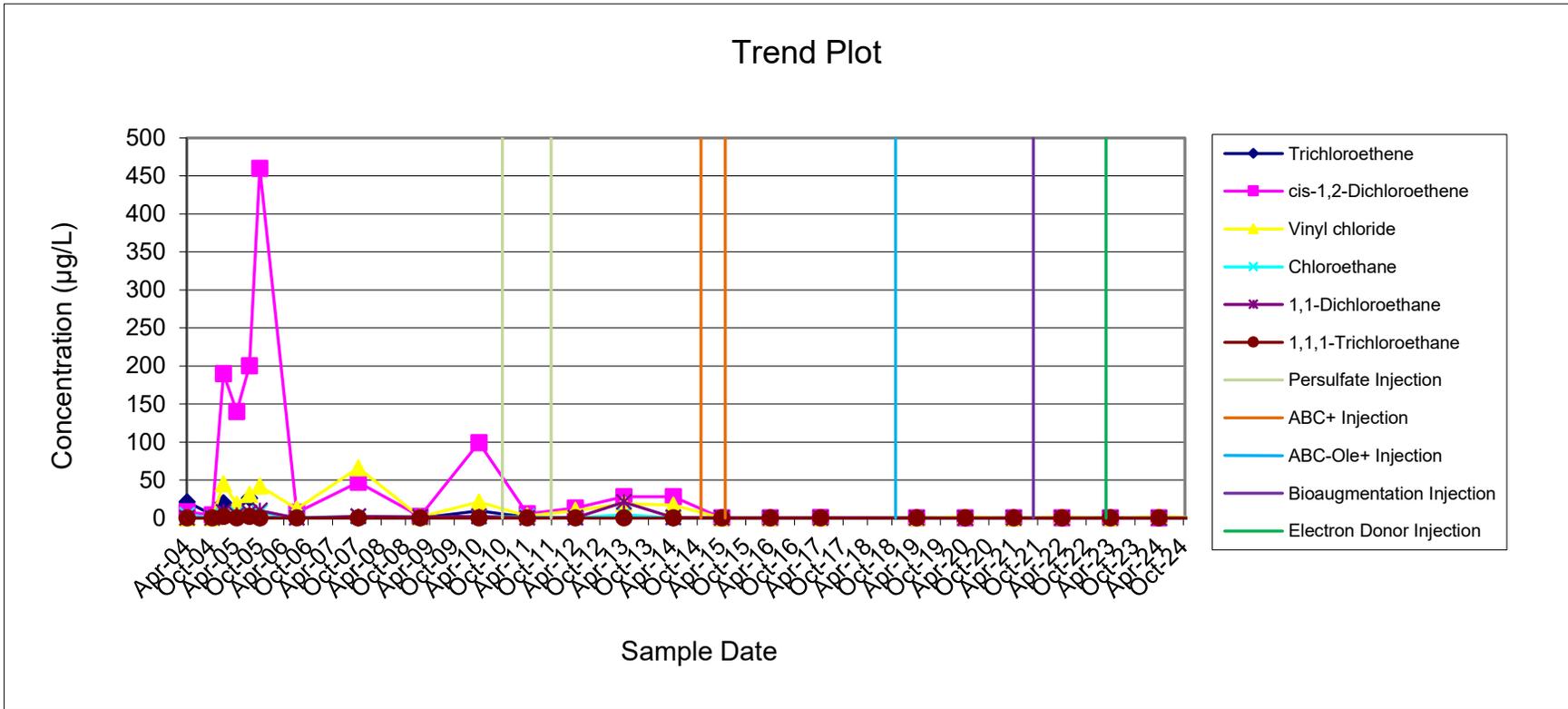


**PIEZOMETER MW-14D
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	21	8.0	<10	4.0	<10	<10
10/12/2004	4.0	4.0	<10	<10	<10	<10
1/6/2005	20	190	45	3.0	8.0	2.0
4/15/2005	10	140	18	6.0	4.0	<10
7/20/2005	26	200	31	4.0	7.0	2.0
10/5/2005	<10	460	42	7.2	9.9	<10
7/10/2006	0.96	7.2	12	0.82	<5	<5
10/15/2007	<5	47	66	1.8	2.2	<5
1/21/2009	<5	2.0	1.4	0.91	1.3	<5
4/8/2010	9.4	99	21	1.5	2.0	<5
4/5/2011	0.97	5.6	2.6	1.5	<1	<1
4/2/2012	0.64	13	9.9	<1	0.44	<1
4/1/2013	0.99	28	19	4.6	21	<1
4/7/2014	<1	28	17	<1	0.82	<1
4/7/2015	<1	<1	<1	<1	<1	<1
4/5/2016	<1	<1	<1	<1	<1	<1
4/18/2017	<1	0.65	<1	<1	<1	<1
4/10/2019	<1	<1	<1	<1	<1	<1
4/7/2020	<1	<1	1.7	<1	<1	<1
4/7/2021	<1	<1	<1	<1	<1	<1
4/4/2022	<1	<1	1.7	<1	<1	<1
4/4/2023	<1	<1	<1	<1	<1	<1
4/2/2024	<1	<1	2.0	<1	<1	<1
4/3/2025	<1	<1	<1	<1	<1	<1

Well was flooded and not sampled in April 2018.

PIEZOMETER MW-14D
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

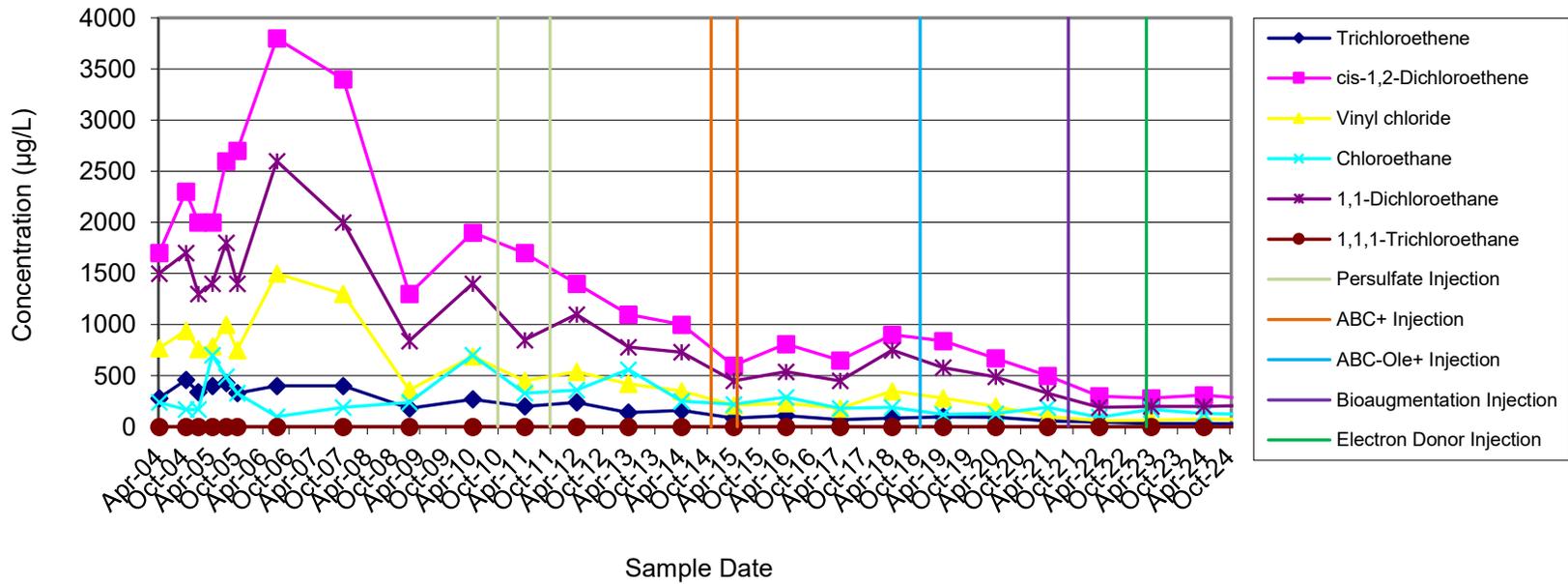


PIEZOMETER MW-15S
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	280	1,700	770	240	1,500	<250
10/12/2004	460	2,300	940	170	1,700	<250
1/7/2005	340	2,000	760	170	1,300	<250
4/15/2005	400	2,000	790	700	1,400	<200
7/21/2005	430	2,600	1,000	490	1,800	<120
10/5/2005	330	2,700	750	330	1,400	<100
7/10/2006	400	3,800	1,500	100	2,600	<25
10/16/2007	400	3400	1300	190	2000	<200
1/21/2009	180	1300	360	240	840	<5
4/8/2010	270	1900	690	700	1400	<10
4/7/2011	200	1700	450	330	850	<1
4/3/2012	240	1400	540	360	1100	<1
4/1/2013	140	1100	420	560	780	<20
4/7/2014	160	1000	350	250	730	<20
4/6/2015	85	600	210	220	450	<20
4/6/2016	110	810	230	290	540	<20
4/19/2017	70	650	180	180	450	<5
4/18/2018	85	900	350	190	750	<20
4/10/2019	98	840	280	120	580	<20
4/10/2020	95	670	200	130	490	<20
4/8/2021	58	500	100	190	330	<20
4/5/2022	47	300	60	95	190	<20
4/3/2023	31	280	65	170	200	<20
4/3/2024	32	310	76	130	200	<20
4/2/2025	28	270	72	120	210	<20

PIEZOMETER MW-15S
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

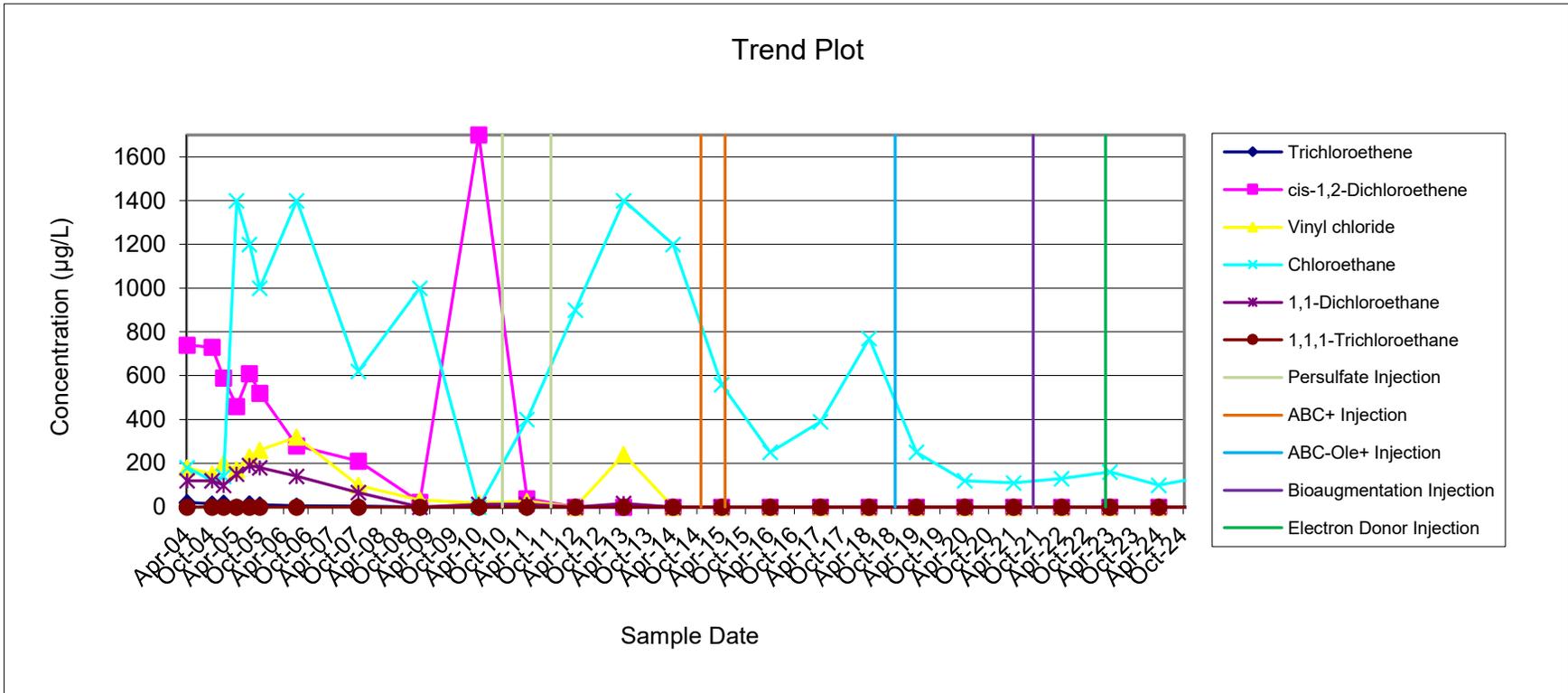
Trend Plot



PIEZOMETER MW-15D
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	21	740	180	180	120	<10
10/12/2004	14	730	150	120	120	<50
1/7/2005	18	590	200	140	100	<50
4/15/2005	<50	460	170	1,400	150	<50
7/21/2005	15	610	230	1,200	190	<25
10/5/2005	10	520	260	1,000	180	<50
7/10/2006	4.9	280	320	1,400	140	<5
10/16/2007	3.6	210	99	620	66	<5
1/21/2009	<25	22	32	1,000	<25	<25
4/8/2010	<5	1,700	19	<5	12	<5
4/5/2011	<8	38	26	400	13	<8
4/3/2012	<10	<10	<10	900	<10	<10
4/1/2013	<8	<8	240	1,400	16	<8
4/7/2014	<20	<20	<20	1,200	<20	<20
4/6/2015	<20	<20	<20	560	<20	<20
4/6/2016	<5	<5	<5	250	<5	<5
4/19/2017	<1	<1	<1	390	0.35	<1
4/19/2018	<5	<5	<5	770	<5	<5
4/10/2019	<8	<8	<8	250	<8	<8
4/6/2020	<2	<2	<2	120	<2	<2
4/8/2021	<2	<2	<2	110	<2	<2
4/5/2022	<2	<2	<2	130	<2	<2
4/3/2023	<2	<2	<2	160	<2	<2
4/3/2024	<2	<2	<2	100	<2	<2
4/2/2025	<2	<2	<2	140	<2	<2

PIEZOMETER MW-15D
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

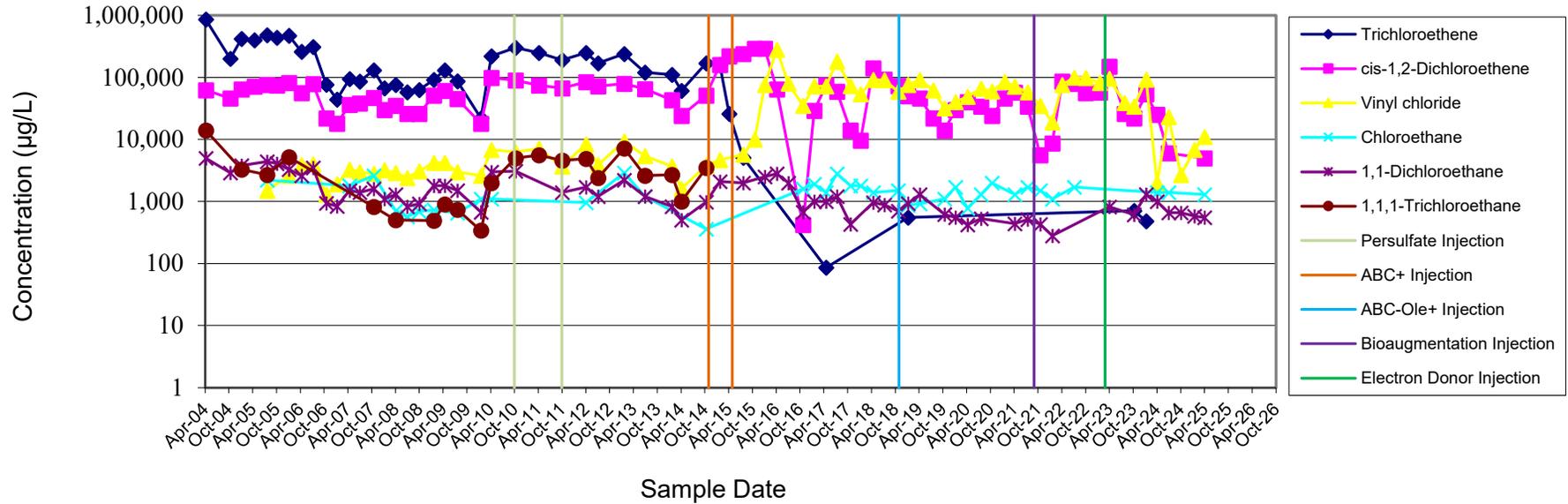


PIEZOMETER MW-16S
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	860,000	62,000	<20,000	<20,000	5,000	14,000
10/12/2004	200,000	46,000	<10,000	<10,000	2,900	<10,000
1/7/2005	420,000	64,000	<10,000	<10,000	3,800	3,300
4/15/2005	400,000	71,000	<25,000	<25,000	<25,000	<25,000
7/21/2005	480,000	76,000	1,500	2,200	4,400	2,700
10/5/2005	440,000	74,000	<25,000	<25,000	4,100	<25,000
1/6/2006	470,000	82,000	2,600	<20,000	3,300	5,200
4/14/2006	260,000	56,000	3,900	<20,000	2,600	<20,000
7/10/2006	310,000	78,000	4,000	<20,000	3,500	<20,000
10/19/2006	77,000	22,000	1,300	<5,000	940	<5,000
1/10/2007	44,000	18,000	1,900	<2,500	840	<2,500
4/17/2007	94,000	36,000	3,300	1,800	1,500	<5,000
7/3/2007	86,000	38,000	3,000	<5,000	1,400	<5,000
10/18/2007	130,000	47,000	2,800	2,600	1,600	820
1/8/2008	67,000	30,000	3,200	<5,000	1,100	<5,000
4/3/2008	76,000	35,000	2,900	710	1,300	500
7/2/2008	58,000	26,000	2,400	570	830	<5,000
10/2/2008	63,000	26,000	3,100	690	920	<5,000
1/22/2009	92,000	51,000	4,200	730	1,800	490
4/15/2009	130,000	61,000	4,200	<2,000	1,800	900
7/22/2009	87,000	45,000	3,000	650	1,500	740
1/19/2010	22,000	18,000	2,600	1,100	670	340
4/8/2010	220,000	99,000	6,800	1,100	3,000	2,000
10/11/2010	300,000	90,000	6,300	<20,000	3,100	5,000
4/7/2011	250,000	74,000	7,100	<4,000	<4,000	5,600
10/4/2011	190,000	67,000	3,700	<800	1,400	4,600
4/3/2012	250,000	84,000	8,400	960	1,700	4,900
7/6/2012	170,000	72,000	3,900	<2000	1,200	2,400
1/21/2013	240,000	79,000	9,300	2,900	2,200	7,200
7/1/2013	120,000	65,000	5,400	1,200	1,200	2,600
1/22/2014	110,000	43,000	3,700	<2,000	830	2,700
4/7/2014	61,000	24,000	1,600	<1000	500	1,000
10/14/2014	170,000	51,000	3,800	360	980	3,500
1/26/2015	160,000	160,000	4,700	<4,000	2,100	<4,000
4/7/2015	26,000	220,000	<4,000	<4,000	<4,000	<4,000
7/24/2015	5,100	240,000	5,700	<4,000	2,000	<4,000
10/20/2015	<4,000	290,000	10,000	<4,000	<4,000	<4,000
1/6/2016	<4,000	290,000	76,000	<4,000	2,500	<4,000
4/7/2016	<4,000	64,000	280,000	<4,000	2,800	<4,000
7/5/2016	<2,000	<2,000	80,000	<2,000	2,000	<2,000
10/26/2016	<500	420	35,000	1,600	670	<500
1/19/2017	<500	29,000	72,000	1,900	1,000	<500
4/20/2017	86	75,000	72,000	1,400	1,000	<200
7/13/2017	<1,000	59,000	180,000	2,800	1,200	<200
10/24/2017	<500	14,000	73,000	1,800	430	<500
1/9/2018	<1,000	9,600	54,000	1,800	<1,000	<1,000
4/18/2018	<1,000	140,000	92,000	1,400	960	<1,000
7/13/2018	<1,000	93,000	91,000	<1,000	880	<1,000
10/25/2018	<1,000	73,000	59,000	1,500	700	<1,000
1/9/2019	550	50,000	76,000	870	930	<1,000
4/9/2019	<1,000	46,000	92,000	920	1,300	<1,000
7/23/2019	<2,500	22,000	62,000	<2,500	<2,500	<2,500
10/17/2019	<1,000	14,000	32,000	1,100	620	<1,000
1/9/2020	<1,000	30,000	40,000	1,700	550	<1,000
4/10/2020	<1	40,000	49,000	780	420	<1
7/23/2020	<1,000	34,000	66,000	1,300	530	<1,000
10/14/2020	<1,000	24,000	60,000	2,000	<1,000	<1,000
1/20/2021	<1,000	46,000	85,000	<1,000	<1,000	<1,000
4/7/2021	<1,000	57,000	71,000	1,300	440	<1,000
7/14/2021	<1,000	34,000	58,000	1,700	510	<1,000
10/20/2021	<1,000	5,600	35,000	1,500	430	<1,000
1/20/2022	<1,000	8,700	19,000	1,100	280	<1,000
4/7/2022	<2,000	86,000	76,000	<2,000	<2,000	<2,000
7/8/2022	<1,000	79,000	100,000	1,700	<1,000	<1,000
10/4/2022	<2,000	56,000	99,000	<2,000	<2,000	<2,000
1/19/2023	<2,000	57,000	82,000	<2,000	<2,000	<2,000
4/4/2023	<2,000	150,000	95,000	<2,000	820	<2,000
7/28/2023	<1,000	26,000	39,000	<1,000	<1,000	<1,000
10/10/2023	710	22,000	34,000	<1,000	610	<1,000
1/10/2024	480	54,000	93,000	<1,000	1,300	<1,000
4/3/2024	<1,000	25,000	2,000	1,400	1,000	<1,000
7/1/2024	<1,000	6,000	23,000	1,400	660	<1,000
10/3/2024	<1,000	<1,000	2,700	<1,000	660	<1,000
1/15/2025	<1,000	<1,000	6,800	<1,000	580	<1,000
4/2/2025	<200	5,000	11,000	1,300	550	<200

MONITORING WELL MW-16S
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

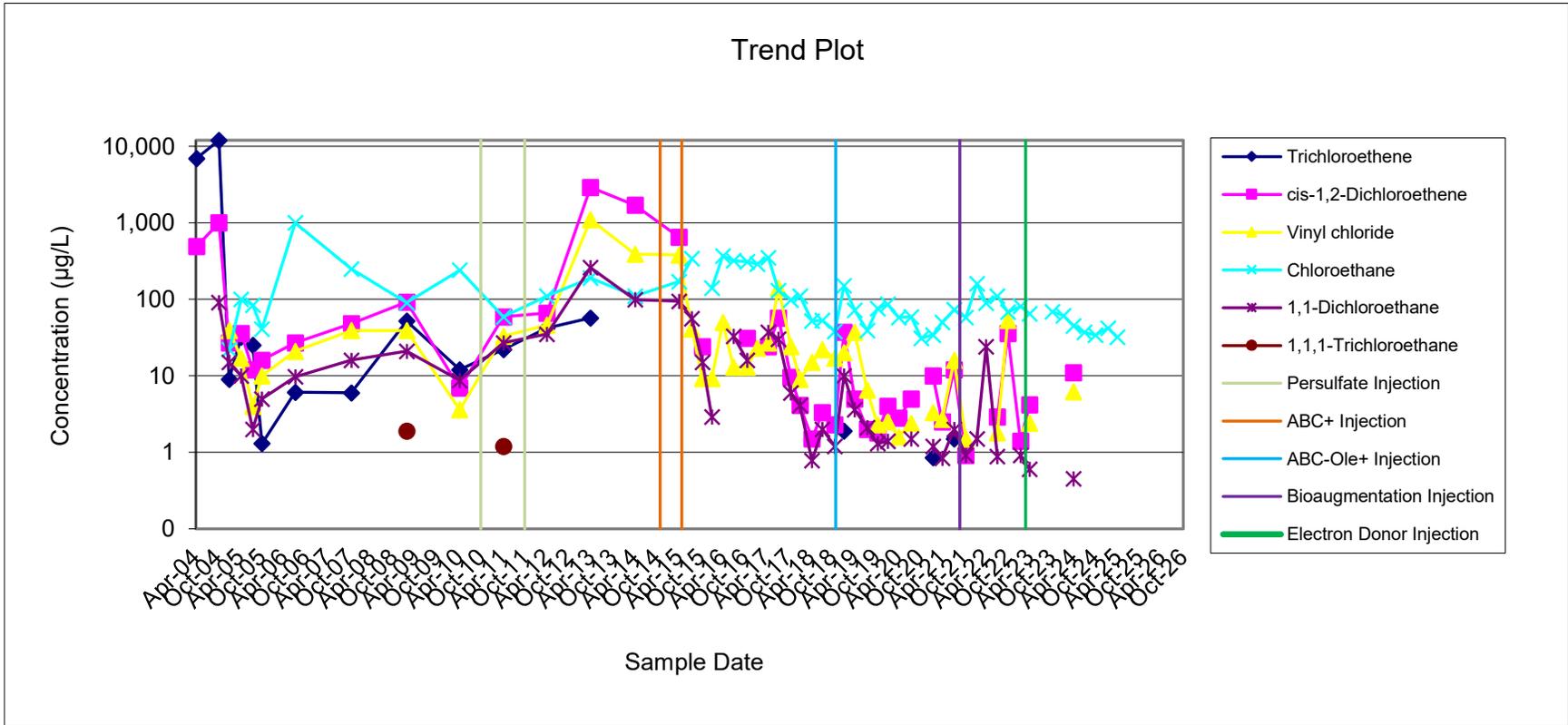
Trend Plot



**PIEZOMETER MW-16D
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	6,900	490	<500	<500	<500	<500
10/12/2004	12,000	1,000	<500	<500	91	<500
1/6/2005	9.0	27	39	22	15	<10
4/15/2005	32	36	17	100	10	<10
7/21/2005	25	12	4.0	84	2.0	<10
10/5/2005	1.3	16	10	41	5.0	<5
7/10/2006	6.1	27	21	1,000	9.7	<5
10/18/2007	6.0	48	39	250	16	<20
1/22/2009	52	92	39	90	21	1.9
4/8/2010	12	6.9	3.6	240	8.7	<10
4/7/2011	22	59	33	59	27	1.2
4/3/2012	42	66	46	110	35	<1
4/1/2013	57	2900	1100	190	260	<1
4/7/2014	<25	1700	390	110	99	<25
4/7/2015	<25	650	380	170	94	<25
7/23/2015	<25	<25	41	340	56	<25
10/20/2015	<10	24	9.2	<10	15	<10
1/6/2016	<5	<5	9.2	140	2.9	<5
4/7/2016	<10	<10	50	370	<10	<10
7/5/2016	<10	<10	13	320	33	<10
10/26/2016	<10	31	13	310	16	<10
1/19/2017	<10	<10	23	290	<10	<10
4/20/2017	<1	24	27	350	37	<1
7/13/2017	<5	57	140	130	30	<5
10/24/2017	<1	9.6	24	98	6.0	<1
1/8/2018	<1	4.1	9.0	110	4.1	<1
4/18/2018	<1	1.5	15	52	0.78	<1
7/13/2018	<1	3.3	22	53	2.0	<1
10/25/2018	<1	2.3	17	38	1.2	<1
1/10/2019	1.9	37	20	150	10	<1
4/8/2019	<2	5.0	37	72	3.6	<2
7/22/2019	<1	2.0	6.5	39	2.1	<1
10/17/2019	<1	1.8	2.3	76	1.3	<1
1/9/2020	<1	4.0	2.5	86	1.4	<1
4/9/2020	<1	2.8	1.6	58	<1	<1
7/23/2020	<1	5.0	2.4	59	1.5	<1
10/14/2020	<1	<1	<1	31	<1	<1
1/20/2021	0.85	10	3.3	34	1.2	<1
4/7/2021	<1	2.5	2.7	50	0.84	<1
7/14/2021	1.5	12	16	73	2.0	<1
10/20/2021	<1	0.91	1.5	58	0.91	<1
1/20/2022	<1	<1	<1	160	1.5	<1
4/6/2022	<2	<2	<2	89	24	<2
7/8/2022	<1	2.9	1.8	110	0.88	<1
10/4/2022	<2	36	53	68	<2	<2
1/18/2023	<1	1.4	<1	81	0.91	<1
4/4/2023	<1	4.2	2.4	65	0.60	<1
7/28/2023	<40	<40	<40	<40	<40	<40
10/9/2023	<40	<40	<40	69	<40	<40
1/10/2024	<40	<40	<40	61	<40	<40
4/3/2024	<1	11	6.2	45	0.45	<1
7/2/2024	<20	<20	<20	37	<20	<20
10/3/2024	<20	<20	<20	34	<20	<20
1/15/2025	<20	<20	<20	42	<20	<20
4/2/2025	<20	<20	<20	32	<20	<20

PIEZOMETER MW-16D
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



Appendix E Analytical Laboratory Data Packages (Provided Electronically)

Gene-Trac® Certificate of Analysis

Customer: Dino Zack

Email: dino.zack@aecom.com

Phone: 716-866-8222

Company: AECOM Technical Services, Inc.

Project Name: West Plant 2

Method Reference: SOP-002, SOP-019,
SOP-108, SOP-116, SOP-126, SOP-127, SOP-129

Batch Reference: S-11100

Report Date: 28-Apr-25

Certificate Number: CAG-1586

Test Location(s): Knoxville and Guelph

Customer Reference: 60676130-1

The results included herein only apply to the samples described within and are applicable to the items as received. This certificate is not to be reproduced unless in full.

SOP-116 (DNA Extraction) and SOP-108 (Total Prokaryotes testing) were performed at SiREM Knoxville, the remainder of testing was performed at SiREM Guelph.



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017

Test Results, Test Certificate CAG-1586

Target (Test ID)*	MW-16S	
	Gene Copies/L ¹	Percent (%) ²
<i>Dehalococcoides (DHC)</i>	1.53 E+09	6.76
Run Date	15-Apr-25	
<i>vcrA Reductase (FGA-VCRA)</i>	9.33 E+08	4.11
Run Date	25-Apr-25	
<i>bvcA Reductase (FGA-BVCA)</i>	1.46 E+08	0.644
Run Date	25-Apr-25	
<i>tceA Reductase (FGA-TCEA)</i>	8.28 E+07	0.364
Run Date	25-Apr-25	
<i>Dehalobacter (DHB)</i>	2.19 E+06	0.00964
Run Date	25-Apr-25	
<i>Total Prokaryotes (PROK)⁽³⁾</i>	2.27 E+10	100
Run Date	15-Apr-25	

* See final page for complete notes and target descriptions

Analyst:



Melody Vachon-Gregory
Genetic Testing Analyst

Approved:



Jennifer Wilkinson
Senior Genetic Testing Specialist

Detailed Test Parameters, Test Certificate CAG-1586

Customer Sample ID	MW-16S
Date Sampled ⁽⁴⁾	04-Apr-25
Matrix	Groundwater
Date Received ⁽⁴⁾	09-Apr-25
Sample Temperature	12.4 °C
Filtration Date ⁽⁴⁾	09-Apr-25
Volume Used for DNA Extraction	100 mL
DNA Extraction Date	14-Apr-25
DNA Extraction Control ⁽⁵⁾	Passed
PCR Amplifiable DNA	Detected
Detection Limit (Gene Copies/L)	3.28 E+03
Quantitation Limit (Gene Copies/L)	6.56 E+03
qPCR Controls	Passed
Comments	--

Gene-Trac® Control Results, Test Certificate CAG-1586

Target (Test ID)	Low Control Copies/L		High Control Copies/L		Test Blank Copies/L		DNA Extraction Blank Copies/L		Comments
	Expected	Recovered	Expected	Recovered	Expected	Recovered	Expected	Recovered	
<i>Dehalococcoides (DHC)</i>	7.01 E+06	3.45 E+06 ⁽⁶⁾	9.57 E+08	9.62 E+08	0	6.55 E+02 U	0	6.55 E+02 U	Passed
Run Date	15-Apr-25		15-Apr-25		15-Apr-25		15-Apr-25		
<i>vcrA Reductase (FGA-VCRA)</i>	8.21 E+06	5.78 E+06	7.98 E+08	7.08 E+08	0	6.55 E+02 U	0	6.55 E+02 U	Passed
Run Date	25-Apr-25		25-Apr-25		25-Apr-25		25-Apr-25		
<i>bvcA Reductase (FGA-BVCA)</i>	8.48 E+06	8.10 E+06	8.38 E+08	8.70 E+08	0	6.55 E+02 U	0	6.55 E+02 U	Passed
Run Date	25-Apr-25		25-Apr-25		25-Apr-25		25-Apr-25		
<i>tceA Reductase (FGA-TCEA)</i>	9.00 E+06	8.91 E+06	7.60 E+08	7.78 E+08	0	6.55 E+02 U	0	6.55 E+02 U	Passed
Run Date	25-Apr-25		25-Apr-25		25-Apr-25		25-Apr-25		
<i>Dehalobacter (DHB)</i>	1.38 E+07	1.09 E+07	1.30 E+09	1.15 E+09	0	6.55 E+02 U	0	6.55 E+02 U	Passed
Run Date	25-Apr-25		25-Apr-25		25-Apr-25		25-Apr-25		
<i>Total Prokaryotes (PROK)</i>	9.38 E+06	5.77 E+06	1.34 E+09	1.50 E+09	0	6.55 E+02 U	0	9.30 E+03 ⁽⁷⁾	Passed
Run Date	15-Apr-25		15-Apr-25		15-Apr-25		15-Apr-25		

Notes:

bvcA Reductase (FGA-BVCA) = Dehalococcoides BAV1 Vinyl Chloride Reductase A (bvcA)

Dehalobacter (DHB) = Dehalobacter 16S rRNA

Dehalococcoides (DHC) = Dehalococcoides 16S rRNA

tceA Reductase (FGA-TCEA) = Dehalococcoides Trichloroethene Reductase A (tceA)

Total Prokaryotes (PROK) = Bacteria and Archaea 16S rRNA using Universal Primers

vcrA Reductase (FGA-VCRA) = Dehalococcoides Vinyl Chloride Reductase A (vcrA)

J The associated value is an estimated quantity between the detection limit and quantitation limit.

U Not detected, associated value is the detection limit.

B Analyte was detected in the method blank within an order of magnitude of the test sample.

E Extracted genomic DNA was not detected in the sample.

I Sample inhibited the test reaction based on inability to PCR amplify extracted DNA with universal primers.

M Non-specific amplification was observed via melt curve analysis.

g = gram

mL = milliliter

L = liter

NA = not applicable

ND = not detected

DNA = deoxyribonucleic acid

16S rRNA = 16S ribosomal ribonucleic acid

PCR = polymerase chain reaction

qPCR = quantitative PCR

°C = degrees Celsius

1. Target quantitation is subject to the variability of the method. This variability has been demonstrated to be +/- 60%.
2. Percent target in microbial population. This value is calculated by dividing the number of target gene copies by the total prokaryotes as enumerated by qPCR.
3. Total prokaryotes testing includes enumeration of most Bacteria and Archaea and is a measure of overall microbial biomass in the sample.
4. Samples are stabilized by freezing at -80 °C upon sample reception (field filters) or after in-lab filtration (groundwater). Hold time not exceeded if sampling date is within 7 days of reception or filtration.
5. DNA is extracted from a standardized bacterial culture sample daily and Total Prokaryotes qPCR is performed using standard methods. A recovery greater than 25% of the expected value is deemed acceptable.
6. Control was outside recovery limit guidelines (+/- 50%); however, test results are deemed acceptable if one of two positive controls fall within the recovery limit guidelines.
7. Deemed acceptable if relevant sample results are greater than one order of magnitude above the blank result(s). Any affected samples are denoted with a B qualifier.



ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Dino Zack
AECOM
50 Lakefront Boulevard
Suite 111
Buffalo, New York 14202
Generated 4/17/2025 1:29:54 PM

JOB DESCRIPTION

Scott Figgie West of Plant 2

JOB NUMBER

480-228332-1

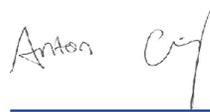
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Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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Definitions/Glossary

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: AECOM
Project: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Job ID: 480-228332-1

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Job Narrative 480-228332-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 4/1/2025 3:05 PM, 4/2/2025 2:40 PM and 4/3/2025 1:50 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.2°C and 3.1°C.

GC/MS VOA

Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: MW-4 (480-228332-1) and MW-11 (480-228332-4). Elevated reporting limits (RLs) are provided.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-13S (480-228332-3), DPE-4 (480-228385-5) and DPE-8 (480-228385-9). Elevated reporting limits (RLs) are provided.

Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: MW-16D (480-228385-2), DPE-5 (480-228385-6) and DPE-1 (480-228385-10). Elevated reporting limits (RLs) are provided.

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW-15S (480-228385-13). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-15D (480-228385-14). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-742727 recovered above the upper control limit for 1,2,4-Trichlorobenzene, Carbon tetrachloride and Tetrachloroethene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: DPE-2 (480-228385-11), MW-13D (480-228385-12), MW-15S (480-228385-13) and MW-15D (480-228385-14).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-742727 recovered outside control limits for the following analytes: 1,2,4-Trichlorobenzene and Dichlorodifluoromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated samples are impacted: DPE-2 (480-228385-11), MW-13D (480-228385-12), MW-15S (480-228385-13) and MW-15D (480-228385-14).

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW-2 (480-228416-2). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-16S (480-228385-1). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: DPE-3 (480-228385-4). Elevated reporting limits (RLs) are provided.

Method 8260C: Due to the coelution Ethyl Acetate with 2-Butanone in the full spike solution, these analytes exceeded control limits in the laboratory control sample (LCS) associated with batch 480-742963. The following sample was affected: DPE-3 (480-228385-4).

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Case Narrative

Client: AECOM
Project: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Job ID: 480-228332-1 (Continued)

Eurofins Buffalo

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA

Method RSK_175: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-4 (480-228332-1), MW-8R (480-228332-2), MW-13S (480-228332-3) and MW-11 (480-228332-4). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 300.0_28D: The following samples were diluted due to the nature of the sample matrix: MW-13S (480-228332-3) and MW-11 (480-228332-4). Elevated reporting limits (RLs) are provided.

Method 300.0_28D: The following samples were diluted due to the abundance of non-target analytes: MW-16S (480-228385-1) and MW-16D (480-228385-2). Elevated reporting limits (RLs) are provided.

Method 3500_FE_D - Dissolved: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: MW-4 (480-228332-1), MW-8R (480-228332-2), MW-13S (480-228332-3), MW-11 (480-228332-4), MW-16S (480-228385-1) and MW-16D (480-228385-2).

Method SM4500_S2_F: The method requirement for no headspace was not met. The following samples were analyzed with headspace in the sample container(s): MW-4 (480-228332-1), MW-8R (480-228332-2), MW-13S (480-228332-3), MW-11 (480-228332-4), MW-16S (480-228385-1), MW-16D (480-228385-2), (480-228332-A-1), (480-228332-A-1 DU), (480-228332-A-2), (480-228332-A-2 MS) and (480-228385-A-1 DU).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Buffalo

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-4

Lab Sample ID: 480-228332-1

Date Collected: 04/01/25 12:30

Matrix: Water

Date Received: 04/01/25 15:05

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			04/02/25 17:11	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			04/02/25 17:11	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			04/02/25 17:11	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			04/02/25 17:11	10
1,1-Dichloroethane	ND		10	3.8	ug/L			04/02/25 17:11	10
1,1-Dichloroethene	ND		10	2.9	ug/L			04/02/25 17:11	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			04/02/25 17:11	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			04/02/25 17:11	10
1,2-Dibromoethane	ND		10	7.3	ug/L			04/02/25 17:11	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			04/02/25 17:11	10
1,2-Dichloroethane	ND		10	2.1	ug/L			04/02/25 17:11	10
1,2-Dichloropropane	ND		10	7.2	ug/L			04/02/25 17:11	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			04/02/25 17:11	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			04/02/25 17:11	10
2-Butanone (MEK)	ND		100	13	ug/L			04/02/25 17:11	10
2-Hexanone	ND		50	12	ug/L			04/02/25 17:11	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			04/02/25 17:11	10
Acetone	ND		100	30	ug/L			04/02/25 17:11	10
Benzene	ND		10	4.1	ug/L			04/02/25 17:11	10
Bromodichloromethane	ND		10	3.9	ug/L			04/02/25 17:11	10
Bromoform	ND		10	2.6	ug/L			04/02/25 17:11	10
Bromomethane	ND		10	6.9	ug/L			04/02/25 17:11	10
Carbon disulfide	ND		10	1.9	ug/L			04/02/25 17:11	10
Carbon tetrachloride	ND		10	2.7	ug/L			04/02/25 17:11	10
Chlorobenzene	ND		10	7.5	ug/L			04/02/25 17:11	10
Chloroethane	70		10	3.2	ug/L			04/02/25 17:11	10
Chloroform	ND		10	3.4	ug/L			04/02/25 17:11	10
Chloromethane	ND		10	3.5	ug/L			04/02/25 17:11	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			04/02/25 17:11	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			04/02/25 17:11	10
Cyclohexane	ND		10	1.8	ug/L			04/02/25 17:11	10
Dibromochloromethane	ND		10	3.2	ug/L			04/02/25 17:11	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			04/02/25 17:11	10
Ethylbenzene	ND		10	7.4	ug/L			04/02/25 17:11	10
Isopropylbenzene	ND		10	7.9	ug/L			04/02/25 17:11	10
Methyl acetate	ND		25	13	ug/L			04/02/25 17:11	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			04/02/25 17:11	10
Methylcyclohexane	ND		10	1.6	ug/L			04/02/25 17:11	10
Methylene Chloride	ND		10	4.4	ug/L			04/02/25 17:11	10
Styrene	ND		10	7.3	ug/L			04/02/25 17:11	10
Tetrachloroethene	ND		10	3.6	ug/L			04/02/25 17:11	10
Toluene	7.0 J		10	5.1	ug/L			04/02/25 17:11	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			04/02/25 17:11	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			04/02/25 17:11	10
Trichloroethene	ND		10	4.6	ug/L			04/02/25 17:11	10
Trichlorofluoromethane	ND		10	8.8	ug/L			04/02/25 17:11	10
Vinyl chloride	12		10	9.0	ug/L			04/02/25 17:11	10
Xylenes, Total	ND		20	6.6	ug/L			04/02/25 17:11	10

Client Sample Results

Client: AECOM
 Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-4
Date Collected: 04/01/25 12:30
Date Received: 04/01/25 15:05

Lab Sample ID: 480-228332-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		04/02/25 17:11	10
4-Bromofluorobenzene (Surr)	103		73 - 120		04/02/25 17:11	10
Toluene-d8 (Surr)	107		80 - 120		04/02/25 17:11	10
Dibromofluoromethane (Surr)	107		75 - 123		04/02/25 17:11	10

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	110000		10000	5000	ug/L			04/10/25 13:24	1
Ethane	830		660	130	ug/L			04/02/25 11:07	88
Ethene	610	J	620	130	ug/L			04/02/25 11:07	88
Methane	22000		350	88	ug/L			04/02/25 11:07	88

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (EPA 300.0)	3.1		2.0	0.35	mg/L			04/03/25 15:50	1
Alkalinity, Total (EPA 310.2)	614		100	40.0	mg/L			04/03/25 09:32	10
Nitrate as N (EPA 353.2)	0.032	J	0.050	0.020	mg/L			04/01/25 17:27	1
Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			04/01/25 17:46	1
Total Organic Carbon (SW846 9060A)	54.9		1.0	0.43	mg/L			04/02/25 17:49	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			04/02/25 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ferrous Iron (SM 3500 FE D)	8.5	HF	0.10	0.075	mg/L			04/03/25 11:55	1

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-8R

Lab Sample ID: 480-228332-2

Date Collected: 04/01/25 11:30

Matrix: Water

Date Received: 04/01/25 15:05

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/02/25 17:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/02/25 17:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/02/25 17:33	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/02/25 17:33	1
1,1-Dichloroethane	1.0		1.0	0.38	ug/L			04/02/25 17:33	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/02/25 17:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/02/25 17:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/02/25 17:33	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/02/25 17:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/02/25 17:33	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/02/25 17:33	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/02/25 17:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/02/25 17:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/02/25 17:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/02/25 17:33	1
2-Hexanone	ND		5.0	1.2	ug/L			04/02/25 17:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/02/25 17:33	1
Acetone	ND		10	3.0	ug/L			04/02/25 17:33	1
Benzene	0.91	J	1.0	0.41	ug/L			04/02/25 17:33	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/02/25 17:33	1
Bromoform	ND		1.0	0.26	ug/L			04/02/25 17:33	1
Bromomethane	ND		1.0	0.69	ug/L			04/02/25 17:33	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/02/25 17:33	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/02/25 17:33	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/02/25 17:33	1
Chloroethane	9.0		1.0	0.32	ug/L			04/02/25 17:33	1
Chloroform	ND		1.0	0.34	ug/L			04/02/25 17:33	1
Chloromethane	ND		1.0	0.35	ug/L			04/02/25 17:33	1
cis-1,2-Dichloroethene	5.0		1.0	0.81	ug/L			04/02/25 17:33	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/02/25 17:33	1
Cyclohexane	ND		1.0	0.18	ug/L			04/02/25 17:33	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/02/25 17:33	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/02/25 17:33	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/02/25 17:33	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/02/25 17:33	1
Methyl acetate	ND		2.5	1.3	ug/L			04/02/25 17:33	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/02/25 17:33	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/02/25 17:33	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/02/25 17:33	1
Styrene	ND		1.0	0.73	ug/L			04/02/25 17:33	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/02/25 17:33	1
Toluene	3.7		1.0	0.51	ug/L			04/02/25 17:33	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/02/25 17:33	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/02/25 17:33	1
Trichloroethene	0.52	J	1.0	0.46	ug/L			04/02/25 17:33	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/02/25 17:33	1
Vinyl chloride	7.3		1.0	0.90	ug/L			04/02/25 17:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/02/25 17:33	1

Euromins Buffalo

Client Sample Results

Client: AECOM
 Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-8R
Date Collected: 04/01/25 11:30
Date Received: 04/01/25 15:05

Lab Sample ID: 480-228332-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		04/02/25 17:33	1
4-Bromofluorobenzene (Surr)	103		73 - 120		04/02/25 17:33	1
Toluene-d8 (Surr)	104		80 - 120		04/02/25 17:33	1
Dibromofluoromethane (Surr)	107		75 - 123		04/02/25 17:33	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	41000		10000	5000	ug/L			04/10/25 13:33	1
Ethane	610	J	1700	330	ug/L			04/02/25 11:25	220
Ethene	ND		1500	330	ug/L			04/02/25 11:25	220
Methane	17000		880	220	ug/L			04/02/25 11:25	220

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (EPA 300.0)	4.4		2.0	0.35	mg/L			04/03/25 16:05	1
Alkalinity, Total (EPA 310.2)	475		50.0	20.0	mg/L			04/03/25 09:19	5
Nitrate as N (EPA 353.2)	0.034	J	0.050	0.020	mg/L			04/01/25 17:33	1
Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			04/01/25 17:48	1
Total Organic Carbon (SW846 9060A)	18.1		1.0	0.43	mg/L			04/02/25 18:17	1
Sulfide (SM 4500 S2 F)	1.2	F1	1.0	0.67	mg/L			04/02/25 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ferrous Iron (SM 3500 FE D)	1.9	HF	0.10	0.075	mg/L			04/03/25 11:55	1

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-13S

Lab Sample ID: 480-228332-3

Date Collected: 04/01/25 13:35

Matrix: Water

Date Received: 04/01/25 15:05

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/02/25 17:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/02/25 17:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/02/25 17:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/02/25 17:56	1
1,1-Dichloroethane	0.62	J	1.0	0.38	ug/L			04/02/25 17:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/02/25 17:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/02/25 17:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/02/25 17:56	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/02/25 17:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/02/25 17:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/02/25 17:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/02/25 17:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/02/25 17:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/02/25 17:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/02/25 17:56	1
2-Hexanone	ND		5.0	1.2	ug/L			04/02/25 17:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/02/25 17:56	1
Acetone	ND		10	3.0	ug/L			04/02/25 17:56	1
Benzene	ND		1.0	0.41	ug/L			04/02/25 17:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/02/25 17:56	1
Bromoform	ND		1.0	0.26	ug/L			04/02/25 17:56	1
Bromomethane	ND		1.0	0.69	ug/L			04/02/25 17:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/02/25 17:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/02/25 17:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/02/25 17:56	1
Chloroethane	ND		1.0	0.32	ug/L			04/02/25 17:56	1
Chloroform	ND		1.0	0.34	ug/L			04/02/25 17:56	1
Chloromethane	ND		1.0	0.35	ug/L			04/02/25 17:56	1
cis-1,2-Dichloroethene	52		1.0	0.81	ug/L			04/02/25 17:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/02/25 17:56	1
Cyclohexane	ND		1.0	0.18	ug/L			04/02/25 17:56	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/02/25 17:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/02/25 17:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/02/25 17:56	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/02/25 17:56	1
Methyl acetate	ND		2.5	1.3	ug/L			04/02/25 17:56	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/02/25 17:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/02/25 17:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/02/25 17:56	1
Styrene	ND		1.0	0.73	ug/L			04/02/25 17:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/02/25 17:56	1
Toluene	ND		1.0	0.51	ug/L			04/02/25 17:56	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/02/25 17:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/02/25 17:56	1
Trichloroethene	ND		1.0	0.46	ug/L			04/02/25 17:56	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/02/25 17:56	1
Vinyl chloride	170	E	1.0	0.90	ug/L			04/02/25 17:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/02/25 17:56	1

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-13S

Lab Sample ID: 480-228332-3

Date Collected: 04/01/25 13:35

Matrix: Water

Date Received: 04/01/25 15:05

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		04/02/25 17:56	1
4-Bromofluorobenzene (Surr)	103		73 - 120		04/02/25 17:56	1
Toluene-d8 (Surr)	108		80 - 120		04/02/25 17:56	1
Dibromofluoromethane (Surr)	106		75 - 123		04/02/25 17:56	1

Method: SW846 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			04/03/25 15:55	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			04/03/25 15:55	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			04/03/25 15:55	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			04/03/25 15:55	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			04/03/25 15:55	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			04/03/25 15:55	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			04/03/25 15:55	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			04/03/25 15:55	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			04/03/25 15:55	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			04/03/25 15:55	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			04/03/25 15:55	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			04/03/25 15:55	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			04/03/25 15:55	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			04/03/25 15:55	4
2-Butanone (MEK)	ND		40	5.3	ug/L			04/03/25 15:55	4
2-Hexanone	ND		20	5.0	ug/L			04/03/25 15:55	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			04/03/25 15:55	4
Acetone	ND		40	12	ug/L			04/03/25 15:55	4
Benzene	ND		4.0	1.6	ug/L			04/03/25 15:55	4
Bromodichloromethane	ND		4.0	1.6	ug/L			04/03/25 15:55	4
Bromoform	ND		4.0	1.0	ug/L			04/03/25 15:55	4
Bromomethane	ND		4.0	2.8	ug/L			04/03/25 15:55	4
Carbon disulfide	ND		4.0	0.76	ug/L			04/03/25 15:55	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			04/03/25 15:55	4
Chlorobenzene	ND		4.0	3.0	ug/L			04/03/25 15:55	4
Chloroethane	ND		4.0	1.3	ug/L			04/03/25 15:55	4
Chloroform	ND		4.0	1.4	ug/L			04/03/25 15:55	4
Chloromethane	ND		4.0	1.4	ug/L			04/03/25 15:55	4
cis-1,2-Dichloroethene	49		4.0	3.2	ug/L			04/03/25 15:55	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			04/03/25 15:55	4
Cyclohexane	ND		4.0	0.72	ug/L			04/03/25 15:55	4
Dibromochloromethane	ND		4.0	1.3	ug/L			04/03/25 15:55	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			04/03/25 15:55	4
Ethylbenzene	ND		4.0	3.0	ug/L			04/03/25 15:55	4
Isopropylbenzene	ND		4.0	3.2	ug/L			04/03/25 15:55	4
Methyl acetate	ND		10	5.2	ug/L			04/03/25 15:55	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			04/03/25 15:55	4
Methylcyclohexane	ND		4.0	0.64	ug/L			04/03/25 15:55	4
Methylene Chloride	ND		4.0	1.8	ug/L			04/03/25 15:55	4
Styrene	ND		4.0	2.9	ug/L			04/03/25 15:55	4
Tetrachloroethene	ND		4.0	1.4	ug/L			04/03/25 15:55	4
Toluene	ND		4.0	2.0	ug/L			04/03/25 15:55	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			04/03/25 15:55	4

Euromins Buffalo

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-13S

Lab Sample ID: 480-228332-3

Date Collected: 04/01/25 13:35

Matrix: Water

Date Received: 04/01/25 15:05

Method: SW846 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			04/03/25 15:55	4
Trichloroethene	ND		4.0	1.8	ug/L			04/03/25 15:55	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			04/03/25 15:55	4
Vinyl chloride	140		4.0	3.6	ug/L			04/03/25 15:55	4
Xylenes, Total	ND		8.0	2.6	ug/L			04/03/25 15:55	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		04/03/25 15:55	4
4-Bromofluorobenzene (Surr)	102		73 - 120		04/03/25 15:55	4
Toluene-d8 (Surr)	103		80 - 120		04/03/25 15:55	4
Dibromofluoromethane (Surr)	103		75 - 123		04/03/25 15:55	4

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	94000		10000	5000	ug/L			04/10/25 13:43	1
Ethane	2500		830	170	ug/L			04/02/25 11:44	110
Ethene	620	J	770	170	ug/L			04/02/25 11:44	110
Methane	19000		440	110	ug/L			04/02/25 11:44	110

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (EPA 300.0)	16.8		10.0	1.7	mg/L			04/02/25 16:46	5
Alkalinity, Total (EPA 310.2)	448		50.0	20.0	mg/L			04/03/25 09:19	5
Nitrate as N (EPA 353.2)	0.026	J	0.050	0.020	mg/L			04/01/25 17:35	1
Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			04/01/25 17:48	1
Total Organic Carbon (SW846 9060A)	3.4		1.0	0.43	mg/L			04/02/25 15:28	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			04/02/25 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ferrous Iron (SM 3500 FE D)	0.97	HF	0.10	0.075	mg/L			04/03/25 11:56	1

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-11

Lab Sample ID: 480-228332-4

Date Collected: 04/01/25 10:25

Matrix: Water

Date Received: 04/01/25 15:05

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			04/02/25 18:18	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			04/02/25 18:18	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			04/02/25 18:18	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			04/02/25 18:18	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			04/02/25 18:18	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			04/02/25 18:18	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			04/02/25 18:18	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			04/02/25 18:18	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			04/02/25 18:18	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			04/02/25 18:18	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			04/02/25 18:18	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			04/02/25 18:18	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			04/02/25 18:18	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			04/02/25 18:18	2
2-Butanone (MEK)	ND		20	2.6	ug/L			04/02/25 18:18	2
2-Hexanone	ND		10	2.5	ug/L			04/02/25 18:18	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			04/02/25 18:18	2
Acetone	ND		20	6.0	ug/L			04/02/25 18:18	2
Benzene	ND		2.0	0.82	ug/L			04/02/25 18:18	2
Bromodichloromethane	ND		2.0	0.78	ug/L			04/02/25 18:18	2
Bromoform	ND		2.0	0.52	ug/L			04/02/25 18:18	2
Bromomethane	ND		2.0	1.4	ug/L			04/02/25 18:18	2
Carbon disulfide	ND		2.0	0.38	ug/L			04/02/25 18:18	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			04/02/25 18:18	2
Chlorobenzene	ND		2.0	1.5	ug/L			04/02/25 18:18	2
Chloroethane	ND		2.0	0.64	ug/L			04/02/25 18:18	2
Chloroform	ND		2.0	0.68	ug/L			04/02/25 18:18	2
Chloromethane	ND		2.0	0.70	ug/L			04/02/25 18:18	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			04/02/25 18:18	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			04/02/25 18:18	2
Cyclohexane	ND		2.0	0.36	ug/L			04/02/25 18:18	2
Dibromochloromethane	ND		2.0	0.64	ug/L			04/02/25 18:18	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			04/02/25 18:18	2
Ethylbenzene	ND		2.0	1.5	ug/L			04/02/25 18:18	2
Isopropylbenzene	ND		2.0	1.6	ug/L			04/02/25 18:18	2
Methyl acetate	ND		5.0	2.6	ug/L			04/02/25 18:18	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			04/02/25 18:18	2
Methylcyclohexane	ND		2.0	0.32	ug/L			04/02/25 18:18	2
Methylene Chloride	ND		2.0	0.88	ug/L			04/02/25 18:18	2
Styrene	ND		2.0	1.5	ug/L			04/02/25 18:18	2
Tetrachloroethene	ND		2.0	0.72	ug/L			04/02/25 18:18	2
Toluene	ND		2.0	1.0	ug/L			04/02/25 18:18	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			04/02/25 18:18	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			04/02/25 18:18	2
Trichloroethene	ND		2.0	0.92	ug/L			04/02/25 18:18	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			04/02/25 18:18	2
Vinyl chloride	ND		2.0	1.8	ug/L			04/02/25 18:18	2
Xylenes, Total	ND		4.0	1.3	ug/L			04/02/25 18:18	2

Eurolins Buffalo

Client Sample Results

Client: AECOM
 Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-11
Date Collected: 04/01/25 10:25
Date Received: 04/01/25 15:05

Lab Sample ID: 480-228332-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		04/02/25 18:18	2
4-Bromofluorobenzene (Surr)	105		73 - 120		04/02/25 18:18	2
Toluene-d8 (Surr)	105		80 - 120		04/02/25 18:18	2
Dibromofluoromethane (Surr)	106		75 - 123		04/02/25 18:18	2

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	140000		10000	5000	ug/L			04/10/25 13:52	1
Ethane	ND		170	33	ug/L			04/02/25 12:03	22
Ethene	ND		150	33	ug/L			04/02/25 12:03	22
Methane	2100		88	22	ug/L			04/02/25 12:03	22

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (EPA 300.0)	4.8	J	20.0	3.5	mg/L			04/02/25 17:01	10
Alkalinity, Total (EPA 310.2)	392		50.0	20.0	mg/L			04/03/25 09:19	5
Nitrate as N (EPA 353.2)	0.028	J	0.050	0.020	mg/L			04/01/25 17:36	1
Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			04/01/25 17:48	1
Total Organic Carbon (SW846 9060A)	3.7		1.0	0.43	mg/L			04/02/25 16:24	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			04/02/25 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ferrous Iron (SM 3500 FE D)	0.91	HF	0.10	0.075	mg/L			04/03/25 11:57	1

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: GWCT

Lab Sample ID: 480-228332-5

Date Collected: 04/01/25 08:55

Matrix: Water

Date Received: 04/01/25 15:05

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/02/25 18:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/02/25 18:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/02/25 18:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/02/25 18:40	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/02/25 18:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/02/25 18:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/02/25 18:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/02/25 18:40	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/02/25 18:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/02/25 18:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/02/25 18:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/02/25 18:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/02/25 18:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/02/25 18:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/02/25 18:40	1
2-Hexanone	ND		5.0	1.2	ug/L			04/02/25 18:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/02/25 18:40	1
Acetone	ND		10	3.0	ug/L			04/02/25 18:40	1
Benzene	ND		1.0	0.41	ug/L			04/02/25 18:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/02/25 18:40	1
Bromoform	ND		1.0	0.26	ug/L			04/02/25 18:40	1
Bromomethane	ND		1.0	0.69	ug/L			04/02/25 18:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/02/25 18:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/02/25 18:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/02/25 18:40	1
Chloroethane	15		1.0	0.32	ug/L			04/02/25 18:40	1
Chloroform	ND		1.0	0.34	ug/L			04/02/25 18:40	1
Chloromethane	ND		1.0	0.35	ug/L			04/02/25 18:40	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/02/25 18:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/02/25 18:40	1
Cyclohexane	ND		1.0	0.18	ug/L			04/02/25 18:40	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/02/25 18:40	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/02/25 18:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/02/25 18:40	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/02/25 18:40	1
Methyl acetate	ND		2.5	1.3	ug/L			04/02/25 18:40	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/02/25 18:40	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/02/25 18:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/02/25 18:40	1
Styrene	ND		1.0	0.73	ug/L			04/02/25 18:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/02/25 18:40	1
Toluene	ND		1.0	0.51	ug/L			04/02/25 18:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/02/25 18:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/02/25 18:40	1
Trichloroethene	ND		1.0	0.46	ug/L			04/02/25 18:40	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/02/25 18:40	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/02/25 18:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/02/25 18:40	1

Client Sample Results

Client: AECOM
 Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: GWCT
Date Collected: 04/01/25 08:55
Date Received: 04/01/25 15:05

Lab Sample ID: 480-228332-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		04/02/25 18:40	1
4-Bromofluorobenzene (Surr)	102		73 - 120		04/02/25 18:40	1
Toluene-d8 (Surr)	105		80 - 120		04/02/25 18:40	1
Dibromofluoromethane (Surr)	105		75 - 123		04/02/25 18:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	2.5		1.0	0.43	mg/L			04/02/25 20:10	1

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-228332-6

Date Collected: 04/01/25 00:00

Matrix: Water

Date Received: 04/01/25 15:05

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/02/25 19:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/02/25 19:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/02/25 19:02	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/02/25 19:02	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/02/25 19:02	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/02/25 19:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/02/25 19:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/02/25 19:02	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/02/25 19:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/02/25 19:02	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/02/25 19:02	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/02/25 19:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/02/25 19:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/02/25 19:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/02/25 19:02	1
2-Hexanone	ND		5.0	1.2	ug/L			04/02/25 19:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/02/25 19:02	1
Acetone	ND		10	3.0	ug/L			04/02/25 19:02	1
Benzene	ND		1.0	0.41	ug/L			04/02/25 19:02	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/02/25 19:02	1
Bromoform	ND		1.0	0.26	ug/L			04/02/25 19:02	1
Bromomethane	ND		1.0	0.69	ug/L			04/02/25 19:02	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/02/25 19:02	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/02/25 19:02	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/02/25 19:02	1
Chloroethane	ND		1.0	0.32	ug/L			04/02/25 19:02	1
Chloroform	ND		1.0	0.34	ug/L			04/02/25 19:02	1
Chloromethane	ND		1.0	0.35	ug/L			04/02/25 19:02	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/02/25 19:02	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/02/25 19:02	1
Cyclohexane	ND		1.0	0.18	ug/L			04/02/25 19:02	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/02/25 19:02	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/02/25 19:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/02/25 19:02	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/02/25 19:02	1
Methyl acetate	ND		2.5	1.3	ug/L			04/02/25 19:02	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/02/25 19:02	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/02/25 19:02	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/02/25 19:02	1
Styrene	ND		1.0	0.73	ug/L			04/02/25 19:02	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/02/25 19:02	1
Toluene	ND		1.0	0.51	ug/L			04/02/25 19:02	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/02/25 19:02	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/02/25 19:02	1
Trichloroethene	ND		1.0	0.46	ug/L			04/02/25 19:02	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/02/25 19:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/02/25 19:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/02/25 19:02	1

Euromins Buffalo

Client Sample Results

Client: AECOM

Job ID: 480-228332-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: Trip Blank

Lab Sample ID: 480-228332-6

Date Collected: 04/01/25 00:00

Matrix: Water

Date Received: 04/01/25 15:05

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		04/02/25 19:02	1
4-Bromofluorobenzene (Surr)	102		73 - 120		04/02/25 19:02	1
Toluene-d8 (Surr)	106		80 - 120		04/02/25 19:02	1
Dibromofluoromethane (Surr)	105		75 - 123		04/02/25 19:02	1

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-16S

Lab Sample ID: 480-228385-1

Date Collected: 04/02/25 09:00

Matrix: Water

Date Received: 04/02/25 14:40

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		200	160	ug/L			04/07/25 12:44	200
1,1,2,2-Tetrachloroethane	ND		200	42	ug/L			04/07/25 12:44	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		200	62	ug/L			04/07/25 12:44	200
1,1,2-Trichloroethane	ND		200	46	ug/L			04/07/25 12:44	200
1,1-Dichloroethane	550		200	76	ug/L			04/07/25 12:44	200
1,1-Dichloroethene	ND		200	58	ug/L			04/07/25 12:44	200
1,2,4-Trichlorobenzene	ND		200	82	ug/L			04/07/25 12:44	200
1,2-Dibromo-3-Chloropropane	ND		200	78	ug/L			04/07/25 12:44	200
1,2-Dibromoethane	ND		200	150	ug/L			04/07/25 12:44	200
1,2-Dichlorobenzene	ND		200	160	ug/L			04/07/25 12:44	200
1,2-Dichloroethane	ND		200	42	ug/L			04/07/25 12:44	200
1,2-Dichloropropane	ND		200	140	ug/L			04/07/25 12:44	200
1,3-Dichlorobenzene	ND		200	160	ug/L			04/07/25 12:44	200
1,4-Dichlorobenzene	ND		200	170	ug/L			04/07/25 12:44	200
2-Butanone (MEK)	ND		2000	260	ug/L			04/07/25 12:44	200
2-Hexanone	ND		1000	250	ug/L			04/07/25 12:44	200
4-Methyl-2-pentanone (MIBK)	ND		1000	420	ug/L			04/07/25 12:44	200
Acetone	ND		2000	600	ug/L			04/07/25 12:44	200
Benzene	ND		200	82	ug/L			04/07/25 12:44	200
Bromodichloromethane	ND		200	78	ug/L			04/07/25 12:44	200
Bromoform	ND		200	52	ug/L			04/07/25 12:44	200
Bromomethane	ND		200	140	ug/L			04/07/25 12:44	200
Carbon disulfide	ND		200	38	ug/L			04/07/25 12:44	200
Carbon tetrachloride	ND		200	54	ug/L			04/07/25 12:44	200
Chlorobenzene	ND		200	150	ug/L			04/07/25 12:44	200
Chloroethane	1300		200	64	ug/L			04/07/25 12:44	200
Chloroform	ND		200	68	ug/L			04/07/25 12:44	200
Chloromethane	ND		200	70	ug/L			04/07/25 12:44	200
cis-1,2-Dichloroethene	5000		200	160	ug/L			04/07/25 12:44	200
cis-1,3-Dichloropropene	ND		200	72	ug/L			04/07/25 12:44	200
Cyclohexane	ND		200	36	ug/L			04/07/25 12:44	200
Dibromochloromethane	ND		200	64	ug/L			04/07/25 12:44	200
Dichlorodifluoromethane	ND		200	140	ug/L			04/07/25 12:44	200
Ethylbenzene	ND		200	150	ug/L			04/07/25 12:44	200
Isopropylbenzene	ND		200	160	ug/L			04/07/25 12:44	200
Methyl acetate	ND		500	260	ug/L			04/07/25 12:44	200
Methyl tert-butyl ether	ND		200	32	ug/L			04/07/25 12:44	200
Methylcyclohexane	ND		200	32	ug/L			04/07/25 12:44	200
Methylene Chloride	ND		200	88	ug/L			04/07/25 12:44	200
Styrene	ND		200	150	ug/L			04/07/25 12:44	200
Tetrachloroethene	ND		200	72	ug/L			04/07/25 12:44	200
Toluene	550		200	100	ug/L			04/07/25 12:44	200
trans-1,2-Dichloroethene	ND		200	180	ug/L			04/07/25 12:44	200
trans-1,3-Dichloropropene	ND		200	74	ug/L			04/07/25 12:44	200
Trichloroethene	ND		200	92	ug/L			04/07/25 12:44	200
Trichlorofluoromethane	ND		200	180	ug/L			04/07/25 12:44	200
Vinyl chloride	11000		200	180	ug/L			04/07/25 12:44	200
Xylenes, Total	ND		400	130	ug/L			04/07/25 12:44	200

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-16S

Lab Sample ID: 480-228385-1

Date Collected: 04/02/25 09:00

Matrix: Water

Date Received: 04/02/25 14:40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		04/07/25 12:44	200
4-Bromofluorobenzene (Surr)	95		73 - 120		04/07/25 12:44	200
Toluene-d8 (Surr)	97		80 - 120		04/07/25 12:44	200
Dibromofluoromethane (Surr)	104		75 - 123		04/07/25 12:44	200

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	160000		10000	5000	ug/L			04/10/25 14:01	1
Ethane	720	J	1700	330	ug/L			04/03/25 09:55	220
Ethene	93000		1500	330	ug/L			04/03/25 09:55	220
Methane	11000		880	220	ug/L			04/03/25 09:55	220

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (EPA 300.0)	8.7	J	20.0	3.5	mg/L			04/03/25 19:15	10
Alkalinity, Total (EPA 310.2)	531		100	40.0	mg/L			04/03/25 09:49	10
Nitrate as N (EPA 353.2)	ND		0.050	0.020	mg/L			04/02/25 17:34	1
Nitrite as N (EPA 353.2)	0.022	J F1	0.050	0.020	mg/L			04/02/25 17:51	1
Total Organic Carbon (SW846 9060A)	299		40.0	17.4	mg/L			04/02/25 22:29	40
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			04/02/25 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ferrous Iron (SM 3500 FE D)	15.3	HF	1.0	0.75	mg/L			04/03/25 12:44	10

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-16D

Lab Sample ID: 480-228385-2

Date Collected: 04/02/25 10:10

Matrix: Water

Date Received: 04/02/25 14:40

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			04/03/25 19:05	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			04/03/25 19:05	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			04/03/25 19:05	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			04/03/25 19:05	20
1,1-Dichloroethane	ND		20	7.6	ug/L			04/03/25 19:05	20
1,1-Dichloroethene	ND		20	5.8	ug/L			04/03/25 19:05	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			04/03/25 19:05	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			04/03/25 19:05	20
1,2-Dibromoethane	ND		20	15	ug/L			04/03/25 19:05	20
1,2-Dichlorobenzene	ND		20	16	ug/L			04/03/25 19:05	20
1,2-Dichloroethane	ND		20	4.2	ug/L			04/03/25 19:05	20
1,2-Dichloropropane	ND		20	14	ug/L			04/03/25 19:05	20
1,3-Dichlorobenzene	ND		20	16	ug/L			04/03/25 19:05	20
1,4-Dichlorobenzene	ND		20	17	ug/L			04/03/25 19:05	20
2-Butanone (MEK)	ND		200	26	ug/L			04/03/25 19:05	20
2-Hexanone	ND		100	25	ug/L			04/03/25 19:05	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			04/03/25 19:05	20
Acetone	ND		200	60	ug/L			04/03/25 19:05	20
Benzene	ND		20	8.2	ug/L			04/03/25 19:05	20
Bromodichloromethane	ND		20	7.8	ug/L			04/03/25 19:05	20
Bromoform	ND		20	5.2	ug/L			04/03/25 19:05	20
Bromomethane	ND		20	14	ug/L			04/03/25 19:05	20
Carbon disulfide	ND		20	3.8	ug/L			04/03/25 19:05	20
Carbon tetrachloride	ND		20	5.4	ug/L			04/03/25 19:05	20
Chlorobenzene	ND		20	15	ug/L			04/03/25 19:05	20
Chloroethane	32		20	6.4	ug/L			04/03/25 19:05	20
Chloroform	ND		20	6.8	ug/L			04/03/25 19:05	20
Chloromethane	ND		20	7.0	ug/L			04/03/25 19:05	20
cis-1,2-Dichloroethene	ND		20	16	ug/L			04/03/25 19:05	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			04/03/25 19:05	20
Cyclohexane	ND		20	3.6	ug/L			04/03/25 19:05	20
Dibromochloromethane	ND		20	6.4	ug/L			04/03/25 19:05	20
Dichlorodifluoromethane	ND		20	14	ug/L			04/03/25 19:05	20
Ethylbenzene	ND		20	15	ug/L			04/03/25 19:05	20
Isopropylbenzene	ND		20	16	ug/L			04/03/25 19:05	20
Methyl acetate	ND		50	26	ug/L			04/03/25 19:05	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			04/03/25 19:05	20
Methylcyclohexane	ND		20	3.2	ug/L			04/03/25 19:05	20
Methylene Chloride	ND		20	8.8	ug/L			04/03/25 19:05	20
Styrene	ND		20	15	ug/L			04/03/25 19:05	20
Tetrachloroethene	ND		20	7.2	ug/L			04/03/25 19:05	20
Toluene	ND		20	10	ug/L			04/03/25 19:05	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			04/03/25 19:05	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			04/03/25 19:05	20
Trichloroethene	ND		20	9.2	ug/L			04/03/25 19:05	20
Trichlorofluoromethane	ND		20	18	ug/L			04/03/25 19:05	20
Vinyl chloride	ND		20	18	ug/L			04/03/25 19:05	20
Xylenes, Total	ND		40	13	ug/L			04/03/25 19:05	20

Euromins Buffalo

Client Sample Results

Client: AECOM
 Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-16D

Lab Sample ID: 480-228385-2

Date Collected: 04/02/25 10:10

Matrix: Water

Date Received: 04/02/25 14:40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		04/03/25 19:05	20
4-Bromofluorobenzene (Surr)	99		73 - 120		04/03/25 19:05	20
Toluene-d8 (Surr)	99		80 - 120		04/03/25 19:05	20
Dibromofluoromethane (Surr)	104		75 - 123		04/03/25 19:05	20

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	170000		10000	5000	ug/L			04/10/25 14:10	1
Ethane	ND		830	170	ug/L			04/03/25 10:14	110
Ethene	ND		770	170	ug/L			04/03/25 10:14	110
Methane	13000		440	110	ug/L			04/03/25 10:14	110

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (EPA 300.0)	ND		20.0	3.5	mg/L			04/03/25 19:30	10
Alkalinity, Total (EPA 310.2)	426		50.0	20.0	mg/L			04/03/25 09:23	5
Nitrate as N (EPA 353.2)	ND		0.050	0.020	mg/L			04/02/25 17:39	1
Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			04/02/25 17:52	1
Total Organic Carbon (SW846 9060A)	23.4		1.0	0.43	mg/L			04/02/25 22:57	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			04/02/25 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ferrous Iron (SM 3500 FE D)	7.5	HF	0.10	0.075	mg/L			04/03/25 11:57	1

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-228385-3

Date Collected: 04/02/25 00:00

Matrix: Water

Date Received: 04/02/25 14:40

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/03/25 19:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/03/25 19:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/03/25 19:28	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/03/25 19:28	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/03/25 19:28	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/03/25 19:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/03/25 19:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/03/25 19:28	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/03/25 19:28	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/03/25 19:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/03/25 19:28	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/03/25 19:28	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/03/25 19:28	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/03/25 19:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/03/25 19:28	1
2-Hexanone	ND		5.0	1.2	ug/L			04/03/25 19:28	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/03/25 19:28	1
Acetone	ND		10	3.0	ug/L			04/03/25 19:28	1
Benzene	ND		1.0	0.41	ug/L			04/03/25 19:28	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/03/25 19:28	1
Bromoform	ND		1.0	0.26	ug/L			04/03/25 19:28	1
Bromomethane	ND		1.0	0.69	ug/L			04/03/25 19:28	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/03/25 19:28	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/03/25 19:28	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/03/25 19:28	1
Chloroethane	ND		1.0	0.32	ug/L			04/03/25 19:28	1
Chloroform	ND		1.0	0.34	ug/L			04/03/25 19:28	1
Chloromethane	ND		1.0	0.35	ug/L			04/03/25 19:28	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/03/25 19:28	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/03/25 19:28	1
Cyclohexane	ND		1.0	0.18	ug/L			04/03/25 19:28	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/03/25 19:28	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/03/25 19:28	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/03/25 19:28	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/03/25 19:28	1
Methyl acetate	ND		2.5	1.3	ug/L			04/03/25 19:28	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/03/25 19:28	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/03/25 19:28	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/03/25 19:28	1
Styrene	ND		1.0	0.73	ug/L			04/03/25 19:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/03/25 19:28	1
Toluene	ND		1.0	0.51	ug/L			04/03/25 19:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/03/25 19:28	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/03/25 19:28	1
Trichloroethene	ND		1.0	0.46	ug/L			04/03/25 19:28	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/03/25 19:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/03/25 19:28	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/03/25 19:28	1

Euofins Buffalo

Client Sample Results

Client: AECOM

Job ID: 480-228332-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: Trip Blank

Lab Sample ID: 480-228385-3

Date Collected: 04/02/25 00:00

Matrix: Water

Date Received: 04/02/25 14:40

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		04/03/25 19:28	1
4-Bromofluorobenzene (Surr)	92		73 - 120		04/03/25 19:28	1
Toluene-d8 (Surr)	97		80 - 120		04/03/25 19:28	1
Dibromofluoromethane (Surr)	102		75 - 123		04/03/25 19:28	1

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: DPE-3

Lab Sample ID: 480-228385-4

Date Collected: 04/02/25 08:30

Matrix: Water

Date Received: 04/02/25 14:40

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			04/08/25 13:19	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			04/08/25 13:19	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			04/08/25 13:19	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			04/08/25 13:19	10
1,1-Dichloroethane	18		10	3.8	ug/L			04/08/25 13:19	10
1,1-Dichloroethene	ND		10	2.9	ug/L			04/08/25 13:19	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			04/08/25 13:19	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			04/08/25 13:19	10
1,2-Dibromoethane	ND		10	7.3	ug/L			04/08/25 13:19	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			04/08/25 13:19	10
1,2-Dichloroethane	ND		10	2.1	ug/L			04/08/25 13:19	10
1,2-Dichloropropane	ND		10	7.2	ug/L			04/08/25 13:19	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			04/08/25 13:19	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			04/08/25 13:19	10
2-Butanone (MEK)	43	J**	100	13	ug/L			04/08/25 13:19	10
2-Hexanone	ND		50	12	ug/L			04/08/25 13:19	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			04/08/25 13:19	10
Acetone	ND		100	30	ug/L			04/08/25 13:19	10
Benzene	ND		10	4.1	ug/L			04/08/25 13:19	10
Bromodichloromethane	ND		10	3.9	ug/L			04/08/25 13:19	10
Bromoform	ND		10	2.6	ug/L			04/08/25 13:19	10
Bromomethane	ND		10	6.9	ug/L			04/08/25 13:19	10
Carbon disulfide	ND		10	1.9	ug/L			04/08/25 13:19	10
Carbon tetrachloride	ND		10	2.7	ug/L			04/08/25 13:19	10
Chlorobenzene	ND		10	7.5	ug/L			04/08/25 13:19	10
Chloroethane	23		10	3.2	ug/L			04/08/25 13:19	10
Chloroform	3.7	J	10	3.4	ug/L			04/08/25 13:19	10
Chloromethane	ND		10	3.5	ug/L			04/08/25 13:19	10
cis-1,2-Dichloroethene	560		10	8.1	ug/L			04/08/25 13:19	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			04/08/25 13:19	10
Cyclohexane	ND		10	1.8	ug/L			04/08/25 13:19	10
Dibromochloromethane	ND		10	3.2	ug/L			04/08/25 13:19	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			04/08/25 13:19	10
Ethylbenzene	ND		10	7.4	ug/L			04/08/25 13:19	10
Isopropylbenzene	ND		10	7.9	ug/L			04/08/25 13:19	10
Methyl acetate	ND		25	13	ug/L			04/08/25 13:19	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			04/08/25 13:19	10
Methylcyclohexane	ND		10	1.6	ug/L			04/08/25 13:19	10
Methylene Chloride	ND		10	4.4	ug/L			04/08/25 13:19	10
Styrene	ND		10	7.3	ug/L			04/08/25 13:19	10
Tetrachloroethene	ND		10	3.6	ug/L			04/08/25 13:19	10
Toluene	ND		10	5.1	ug/L			04/08/25 13:19	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			04/08/25 13:19	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			04/08/25 13:19	10
Trichloroethene	ND		10	4.6	ug/L			04/08/25 13:19	10
Trichlorofluoromethane	ND		10	8.8	ug/L			04/08/25 13:19	10
Vinyl chloride	220		10	9.0	ug/L			04/08/25 13:19	10
Xylenes, Total	ND		20	6.6	ug/L			04/08/25 13:19	10

Client Sample Results

Client: AECOM
 Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: DPE-3
Date Collected: 04/02/25 08:30
Date Received: 04/02/25 14:40

Lab Sample ID: 480-228385-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		04/08/25 13:19	10
4-Bromofluorobenzene (Surr)	96		73 - 120		04/08/25 13:19	10
Toluene-d8 (Surr)	98		80 - 120		04/08/25 13:19	10
Dibromofluoromethane (Surr)	107		75 - 123		04/08/25 13:19	10

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	65.9		40.0	17.4	mg/L			04/02/25 23:27	40

Client Sample Results

Client: AECOM
 Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: DPE-4

Lab Sample ID: 480-228385-5

Date Collected: 04/02/25 07:35

Matrix: Water

Date Received: 04/02/25 14:40

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			04/03/25 20:16	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			04/03/25 20:16	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			04/03/25 20:16	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			04/03/25 20:16	20
1,1-Dichloroethane	ND		20	7.6	ug/L			04/03/25 20:16	20
1,1-Dichloroethene	ND		20	5.8	ug/L			04/03/25 20:16	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			04/03/25 20:16	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			04/03/25 20:16	20
1,2-Dibromoethane	ND		20	15	ug/L			04/03/25 20:16	20
1,2-Dichlorobenzene	ND		20	16	ug/L			04/03/25 20:16	20
1,2-Dichloroethane	ND		20	4.2	ug/L			04/03/25 20:16	20
1,2-Dichloropropane	ND		20	14	ug/L			04/03/25 20:16	20
1,3-Dichlorobenzene	ND		20	16	ug/L			04/03/25 20:16	20
1,4-Dichlorobenzene	ND		20	17	ug/L			04/03/25 20:16	20
2-Butanone (MEK)	ND		200	26	ug/L			04/03/25 20:16	20
2-Hexanone	ND		100	25	ug/L			04/03/25 20:16	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			04/03/25 20:16	20
Acetone	ND		200	60	ug/L			04/03/25 20:16	20
Benzene	ND		20	8.2	ug/L			04/03/25 20:16	20
Bromodichloromethane	ND		20	7.8	ug/L			04/03/25 20:16	20
Bromoform	ND		20	5.2	ug/L			04/03/25 20:16	20
Bromomethane	ND		20	14	ug/L			04/03/25 20:16	20
Carbon disulfide	ND		20	3.8	ug/L			04/03/25 20:16	20
Carbon tetrachloride	ND		20	5.4	ug/L			04/03/25 20:16	20
Chlorobenzene	ND		20	15	ug/L			04/03/25 20:16	20
Chloroethane	ND		20	6.4	ug/L			04/03/25 20:16	20
Chloroform	ND		20	6.8	ug/L			04/03/25 20:16	20
Chloromethane	ND		20	7.0	ug/L			04/03/25 20:16	20
cis-1,2-Dichloroethene	1000		20	16	ug/L			04/03/25 20:16	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			04/03/25 20:16	20
Cyclohexane	ND		20	3.6	ug/L			04/03/25 20:16	20
Dibromochloromethane	ND		20	6.4	ug/L			04/03/25 20:16	20
Dichlorodifluoromethane	ND		20	14	ug/L			04/03/25 20:16	20
Ethylbenzene	ND		20	15	ug/L			04/03/25 20:16	20
Isopropylbenzene	ND		20	16	ug/L			04/03/25 20:16	20
Methyl acetate	ND		50	26	ug/L			04/03/25 20:16	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			04/03/25 20:16	20
Methylcyclohexane	ND		20	3.2	ug/L			04/03/25 20:16	20
Methylene Chloride	ND		20	8.8	ug/L			04/03/25 20:16	20
Styrene	ND		20	15	ug/L			04/03/25 20:16	20
Tetrachloroethene	ND		20	7.2	ug/L			04/03/25 20:16	20
Toluene	ND		20	10	ug/L			04/03/25 20:16	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			04/03/25 20:16	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			04/03/25 20:16	20
Trichloroethene	29		20	9.2	ug/L			04/03/25 20:16	20
Trichlorofluoromethane	ND		20	18	ug/L			04/03/25 20:16	20
Vinyl chloride	880		20	18	ug/L			04/03/25 20:16	20
Xylenes, Total	ND		40	13	ug/L			04/03/25 20:16	20

Client Sample Results

Client: AECOM
 Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: DPE-4
Date Collected: 04/02/25 07:35
Date Received: 04/02/25 14:40

Lab Sample ID: 480-228385-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		04/03/25 20:16	20
4-Bromofluorobenzene (Surr)	101		73 - 120		04/03/25 20:16	20
Toluene-d8 (Surr)	101		80 - 120		04/03/25 20:16	20
Dibromofluoromethane (Surr)	104		75 - 123		04/03/25 20:16	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	8.7		1.0	0.43	mg/L			04/02/25 23:54	1

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: DPE-5

Lab Sample ID: 480-228385-6

Date Collected: 04/02/25 09:50

Matrix: Water

Date Received: 04/02/25 14:40

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			04/03/25 20:40	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			04/03/25 20:40	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			04/03/25 20:40	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			04/03/25 20:40	10
1,1-Dichloroethane	22		10	3.8	ug/L			04/03/25 20:40	10
1,1-Dichloroethene	ND		10	2.9	ug/L			04/03/25 20:40	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			04/03/25 20:40	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			04/03/25 20:40	10
1,2-Dibromoethane	ND		10	7.3	ug/L			04/03/25 20:40	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			04/03/25 20:40	10
1,2-Dichloroethane	ND		10	2.1	ug/L			04/03/25 20:40	10
1,2-Dichloropropane	ND		10	7.2	ug/L			04/03/25 20:40	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			04/03/25 20:40	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			04/03/25 20:40	10
2-Butanone (MEK)	ND		100	13	ug/L			04/03/25 20:40	10
2-Hexanone	ND		50	12	ug/L			04/03/25 20:40	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			04/03/25 20:40	10
Acetone	ND		100	30	ug/L			04/03/25 20:40	10
Benzene	ND		10	4.1	ug/L			04/03/25 20:40	10
Bromodichloromethane	ND		10	3.9	ug/L			04/03/25 20:40	10
Bromoform	ND		10	2.6	ug/L			04/03/25 20:40	10
Bromomethane	ND		10	6.9	ug/L			04/03/25 20:40	10
Carbon disulfide	ND		10	1.9	ug/L			04/03/25 20:40	10
Carbon tetrachloride	ND		10	2.7	ug/L			04/03/25 20:40	10
Chlorobenzene	ND		10	7.5	ug/L			04/03/25 20:40	10
Chloroethane	89		10	3.2	ug/L			04/03/25 20:40	10
Chloroform	ND		10	3.4	ug/L			04/03/25 20:40	10
Chloromethane	ND		10	3.5	ug/L			04/03/25 20:40	10
cis-1,2-Dichloroethene	55		10	8.1	ug/L			04/03/25 20:40	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			04/03/25 20:40	10
Cyclohexane	ND		10	1.8	ug/L			04/03/25 20:40	10
Dibromochloromethane	ND		10	3.2	ug/L			04/03/25 20:40	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			04/03/25 20:40	10
Ethylbenzene	ND		10	7.4	ug/L			04/03/25 20:40	10
Isopropylbenzene	ND		10	7.9	ug/L			04/03/25 20:40	10
Methyl acetate	ND		25	13	ug/L			04/03/25 20:40	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			04/03/25 20:40	10
Methylcyclohexane	ND		10	1.6	ug/L			04/03/25 20:40	10
Methylene Chloride	ND		10	4.4	ug/L			04/03/25 20:40	10
Styrene	ND		10	7.3	ug/L			04/03/25 20:40	10
Tetrachloroethene	ND		10	3.6	ug/L			04/03/25 20:40	10
Toluene	15		10	5.1	ug/L			04/03/25 20:40	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			04/03/25 20:40	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			04/03/25 20:40	10
Trichloroethene	ND		10	4.6	ug/L			04/03/25 20:40	10
Trichlorofluoromethane	ND		10	8.8	ug/L			04/03/25 20:40	10
Vinyl chloride	16		10	9.0	ug/L			04/03/25 20:40	10
Xylenes, Total	ND		20	6.6	ug/L			04/03/25 20:40	10

Client Sample Results

Client: AECOM
 Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: DPE-5
Date Collected: 04/02/25 09:50
Date Received: 04/02/25 14:40

Lab Sample ID: 480-228385-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		04/03/25 20:40	10
4-Bromofluorobenzene (Surr)	96		73 - 120		04/03/25 20:40	10
Toluene-d8 (Surr)	97		80 - 120		04/03/25 20:40	10
Dibromofluoromethane (Surr)	101		75 - 123		04/03/25 20:40	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	29.3		10.0	4.3	mg/L			04/03/25 00:22	10

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: DPE-6

Lab Sample ID: 480-228385-7

Date Collected: 04/02/25 07:10

Matrix: Water

Date Received: 04/02/25 14:40

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/03/25 21:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/03/25 21:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/03/25 21:04	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/03/25 21:04	1
1,1-Dichloroethane	1.5		1.0	0.38	ug/L			04/03/25 21:04	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/03/25 21:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/03/25 21:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/03/25 21:04	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/03/25 21:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/03/25 21:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/03/25 21:04	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/03/25 21:04	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/03/25 21:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/03/25 21:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/03/25 21:04	1
2-Hexanone	ND		5.0	1.2	ug/L			04/03/25 21:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/03/25 21:04	1
Acetone	ND		10	3.0	ug/L			04/03/25 21:04	1
Benzene	ND		1.0	0.41	ug/L			04/03/25 21:04	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/03/25 21:04	1
Bromoform	ND		1.0	0.26	ug/L			04/03/25 21:04	1
Bromomethane	ND		1.0	0.69	ug/L			04/03/25 21:04	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/03/25 21:04	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/03/25 21:04	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/03/25 21:04	1
Chloroethane	ND		1.0	0.32	ug/L			04/03/25 21:04	1
Chloroform	ND		1.0	0.34	ug/L			04/03/25 21:04	1
Chloromethane	ND		1.0	0.35	ug/L			04/03/25 21:04	1
cis-1,2-Dichloroethene	1.7		1.0	0.81	ug/L			04/03/25 21:04	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/03/25 21:04	1
Cyclohexane	ND		1.0	0.18	ug/L			04/03/25 21:04	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/03/25 21:04	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/03/25 21:04	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/03/25 21:04	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/03/25 21:04	1
Methyl acetate	ND		2.5	1.3	ug/L			04/03/25 21:04	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/03/25 21:04	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/03/25 21:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/03/25 21:04	1
Styrene	ND		1.0	0.73	ug/L			04/03/25 21:04	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/03/25 21:04	1
Toluene	ND		1.0	0.51	ug/L			04/03/25 21:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/03/25 21:04	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/03/25 21:04	1
Trichloroethene	ND		1.0	0.46	ug/L			04/03/25 21:04	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/03/25 21:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/03/25 21:04	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/03/25 21:04	1

Euromins Buffalo

Client Sample Results

Client: AECOM
 Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: DPE-6

Lab Sample ID: 480-228385-7

Date Collected: 04/02/25 07:10

Matrix: Water

Date Received: 04/02/25 14:40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		04/03/25 21:04	1
4-Bromofluorobenzene (Surr)	95		73 - 120		04/03/25 21:04	1
Toluene-d8 (Surr)	98		80 - 120		04/03/25 21:04	1
Dibromofluoromethane (Surr)	104		75 - 123		04/03/25 21:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	3.2		1.0	0.43	mg/L			04/07/25 15:15	1

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: DPE-7

Lab Sample ID: 480-228385-8

Date Collected: 04/02/25 09:30

Matrix: Water

Date Received: 04/02/25 14:40

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/07/25 13:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/07/25 13:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/07/25 13:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/07/25 13:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/07/25 13:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/07/25 13:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/07/25 13:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/07/25 13:31	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/07/25 13:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/07/25 13:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/07/25 13:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/07/25 13:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/07/25 13:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/07/25 13:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/07/25 13:31	1
2-Hexanone	ND		5.0	1.2	ug/L			04/07/25 13:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/07/25 13:31	1
Acetone	ND		10	3.0	ug/L			04/07/25 13:31	1
Benzene	ND		1.0	0.41	ug/L			04/07/25 13:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/07/25 13:31	1
Bromoform	ND		1.0	0.26	ug/L			04/07/25 13:31	1
Bromomethane	ND		1.0	0.69	ug/L			04/07/25 13:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/07/25 13:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/07/25 13:31	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/07/25 13:31	1
Chloroethane	18		1.0	0.32	ug/L			04/07/25 13:31	1
Chloroform	ND		1.0	0.34	ug/L			04/07/25 13:31	1
Chloromethane	ND		1.0	0.35	ug/L			04/07/25 13:31	1
cis-1,2-Dichloroethene	10		1.0	0.81	ug/L			04/07/25 13:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/07/25 13:31	1
Cyclohexane	ND		1.0	0.18	ug/L			04/07/25 13:31	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/07/25 13:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/07/25 13:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/07/25 13:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/07/25 13:31	1
Methyl acetate	ND		2.5	1.3	ug/L			04/07/25 13:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/07/25 13:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/07/25 13:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/07/25 13:31	1
Styrene	ND		1.0	0.73	ug/L			04/07/25 13:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/07/25 13:31	1
Toluene	ND		1.0	0.51	ug/L			04/07/25 13:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/07/25 13:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/07/25 13:31	1
Trichloroethene	ND		1.0	0.46	ug/L			04/07/25 13:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/07/25 13:31	1
Vinyl chloride	24		1.0	0.90	ug/L			04/07/25 13:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/07/25 13:31	1

Client Sample Results

Client: AECOM
 Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: DPE-7
Date Collected: 04/02/25 09:30
Date Received: 04/02/25 14:40

Lab Sample ID: 480-228385-8
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		04/07/25 13:31	1
4-Bromofluorobenzene (Surr)	96		73 - 120		04/07/25 13:31	1
Toluene-d8 (Surr)	98		80 - 120		04/07/25 13:31	1
Dibromofluoromethane (Surr)	106		75 - 123		04/07/25 13:31	1

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	3.9		1.0	0.43	mg/L			04/03/25 03:39	1

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: DPE-8

Lab Sample ID: 480-228385-9

Date Collected: 04/02/25 07:45

Matrix: Water

Date Received: 04/02/25 14:40

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		400	330	ug/L			04/03/25 21:52	400
1,1,2,2-Tetrachloroethane	ND		400	84	ug/L			04/03/25 21:52	400
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		400	120	ug/L			04/03/25 21:52	400
1,1,2-Trichloroethane	ND		400	92	ug/L			04/03/25 21:52	400
1,1-Dichloroethane	470		400	150	ug/L			04/03/25 21:52	400
1,1-Dichloroethene	ND		400	120	ug/L			04/03/25 21:52	400
1,2,4-Trichlorobenzene	ND		400	160	ug/L			04/03/25 21:52	400
1,2-Dibromo-3-Chloropropane	ND		400	160	ug/L			04/03/25 21:52	400
1,2-Dibromoethane	ND		400	290	ug/L			04/03/25 21:52	400
1,2-Dichlorobenzene	ND		400	320	ug/L			04/03/25 21:52	400
1,2-Dichloroethane	ND		400	84	ug/L			04/03/25 21:52	400
1,2-Dichloropropane	ND		400	290	ug/L			04/03/25 21:52	400
1,3-Dichlorobenzene	ND		400	310	ug/L			04/03/25 21:52	400
1,4-Dichlorobenzene	ND		400	340	ug/L			04/03/25 21:52	400
2-Butanone (MEK)	ND		4000	530	ug/L			04/03/25 21:52	400
2-Hexanone	ND		2000	500	ug/L			04/03/25 21:52	400
4-Methyl-2-pentanone (MIBK)	ND		2000	840	ug/L			04/03/25 21:52	400
Acetone	ND		4000	1200	ug/L			04/03/25 21:52	400
Benzene	ND		400	160	ug/L			04/03/25 21:52	400
Bromodichloromethane	ND		400	160	ug/L			04/03/25 21:52	400
Bromoform	ND		400	100	ug/L			04/03/25 21:52	400
Bromomethane	ND		400	280	ug/L			04/03/25 21:52	400
Carbon disulfide	ND		400	76	ug/L			04/03/25 21:52	400
Carbon tetrachloride	ND		400	110	ug/L			04/03/25 21:52	400
Chlorobenzene	ND		400	300	ug/L			04/03/25 21:52	400
Chloroethane	440		400	130	ug/L			04/03/25 21:52	400
Chloroform	ND		400	140	ug/L			04/03/25 21:52	400
Chloromethane	ND		400	140	ug/L			04/03/25 21:52	400
cis-1,2-Dichloroethene	25000		400	320	ug/L			04/03/25 21:52	400
cis-1,3-Dichloropropene	ND		400	140	ug/L			04/03/25 21:52	400
Cyclohexane	ND		400	72	ug/L			04/03/25 21:52	400
Dibromochloromethane	ND		400	130	ug/L			04/03/25 21:52	400
Dichlorodifluoromethane	ND		400	270	ug/L			04/03/25 21:52	400
Ethylbenzene	ND		400	300	ug/L			04/03/25 21:52	400
Isopropylbenzene	ND		400	320	ug/L			04/03/25 21:52	400
Methyl acetate	ND		1000	520	ug/L			04/03/25 21:52	400
Methyl tert-butyl ether	ND		400	64	ug/L			04/03/25 21:52	400
Methylcyclohexane	ND		400	64	ug/L			04/03/25 21:52	400
Methylene Chloride	ND		400	180	ug/L			04/03/25 21:52	400
Styrene	ND		400	290	ug/L			04/03/25 21:52	400
Tetrachloroethene	ND		400	140	ug/L			04/03/25 21:52	400
Toluene	ND		400	200	ug/L			04/03/25 21:52	400
trans-1,2-Dichloroethene	ND		400	360	ug/L			04/03/25 21:52	400
trans-1,3-Dichloropropene	ND		400	150	ug/L			04/03/25 21:52	400
Trichloroethene	ND		400	180	ug/L			04/03/25 21:52	400
Trichlorofluoromethane	ND		400	350	ug/L			04/03/25 21:52	400
Vinyl chloride	16000		400	360	ug/L			04/03/25 21:52	400
Xylenes, Total	ND		800	260	ug/L			04/03/25 21:52	400

Eurolins Buffalo

Client Sample Results

Client: AECOM
 Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: DPE-8
Date Collected: 04/02/25 07:45
Date Received: 04/02/25 14:40

Lab Sample ID: 480-228385-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		04/03/25 21:52	400
4-Bromofluorobenzene (Surr)	96		73 - 120		04/03/25 21:52	400
Toluene-d8 (Surr)	98		80 - 120		04/03/25 21:52	400
Dibromofluoromethane (Surr)	102		75 - 123		04/03/25 21:52	400

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	200		40.0	17.4	mg/L			04/03/25 04:35	40

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: DPE-1

Lab Sample ID: 480-228385-10

Date Collected: 04/02/25 11:30

Matrix: Water

Date Received: 04/02/25 14:40

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			04/03/25 22:16	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			04/03/25 22:16	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			04/03/25 22:16	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			04/03/25 22:16	20
1,1-Dichloroethane	160		20	7.6	ug/L			04/03/25 22:16	20
1,1-Dichloroethene	ND		20	5.8	ug/L			04/03/25 22:16	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			04/03/25 22:16	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			04/03/25 22:16	20
1,2-Dibromoethane	ND		20	15	ug/L			04/03/25 22:16	20
1,2-Dichlorobenzene	ND		20	16	ug/L			04/03/25 22:16	20
1,2-Dichloroethane	ND		20	4.2	ug/L			04/03/25 22:16	20
1,2-Dichloropropane	ND		20	14	ug/L			04/03/25 22:16	20
1,3-Dichlorobenzene	ND		20	16	ug/L			04/03/25 22:16	20
1,4-Dichlorobenzene	ND		20	17	ug/L			04/03/25 22:16	20
2-Butanone (MEK)	150	J	200	26	ug/L			04/03/25 22:16	20
2-Hexanone	ND		100	25	ug/L			04/03/25 22:16	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			04/03/25 22:16	20
Acetone	870		200	60	ug/L			04/03/25 22:16	20
Benzene	ND		20	8.2	ug/L			04/03/25 22:16	20
Bromodichloromethane	ND		20	7.8	ug/L			04/03/25 22:16	20
Bromoform	ND		20	5.2	ug/L			04/03/25 22:16	20
Bromomethane	ND		20	14	ug/L			04/03/25 22:16	20
Carbon disulfide	ND		20	3.8	ug/L			04/03/25 22:16	20
Carbon tetrachloride	ND		20	5.4	ug/L			04/03/25 22:16	20
Chlorobenzene	ND		20	15	ug/L			04/03/25 22:16	20
Chloroethane	ND		20	6.4	ug/L			04/03/25 22:16	20
Chloroform	ND		20	6.8	ug/L			04/03/25 22:16	20
Chloromethane	ND		20	7.0	ug/L			04/03/25 22:16	20
cis-1,2-Dichloroethene	210		20	16	ug/L			04/03/25 22:16	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			04/03/25 22:16	20
Cyclohexane	ND		20	3.6	ug/L			04/03/25 22:16	20
Dibromochloromethane	ND		20	6.4	ug/L			04/03/25 22:16	20
Dichlorodifluoromethane	ND		20	14	ug/L			04/03/25 22:16	20
Ethylbenzene	ND		20	15	ug/L			04/03/25 22:16	20
Isopropylbenzene	ND		20	16	ug/L			04/03/25 22:16	20
Methyl acetate	ND		50	26	ug/L			04/03/25 22:16	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			04/03/25 22:16	20
Methylcyclohexane	ND		20	3.2	ug/L			04/03/25 22:16	20
Methylene Chloride	ND		20	8.8	ug/L			04/03/25 22:16	20
Styrene	ND		20	15	ug/L			04/03/25 22:16	20
Tetrachloroethene	ND		20	7.2	ug/L			04/03/25 22:16	20
Toluene	21		20	10	ug/L			04/03/25 22:16	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			04/03/25 22:16	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			04/03/25 22:16	20
Trichloroethene	26		20	9.2	ug/L			04/03/25 22:16	20
Trichlorofluoromethane	ND		20	18	ug/L			04/03/25 22:16	20
Vinyl chloride	32		20	18	ug/L			04/03/25 22:16	20
Xylenes, Total	ND		40	13	ug/L			04/03/25 22:16	20

Euofins Buffalo

Client Sample Results

Client: AECOM
 Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: DPE-1
Date Collected: 04/02/25 11:30
Date Received: 04/02/25 14:40

Lab Sample ID: 480-228385-10
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		04/03/25 22:16	20
4-Bromofluorobenzene (Surr)	97		73 - 120		04/03/25 22:16	20
Toluene-d8 (Surr)	98		80 - 120		04/03/25 22:16	20
Dibromofluoromethane (Surr)	108		75 - 123		04/03/25 22:16	20

General Chemistry										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total Organic Carbon (SW846 9060A)	228		5.0	2.2	mg/L			04/03/25 05:02	5	

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: DPE-2

Lab Sample ID: 480-228385-11

Date Collected: 04/02/25 09:00

Matrix: Water

Date Received: 04/02/25 14:40

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/25 15:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/25 15:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/04/25 15:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/25 15:57	1
1,1-Dichloroethane	0.66	J	1.0	0.38	ug/L			04/04/25 15:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/25 15:57	1
1,2,4-Trichlorobenzene	ND	*+	1.0	0.41	ug/L			04/04/25 15:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/04/25 15:57	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/04/25 15:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/04/25 15:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/25 15:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/25 15:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/04/25 15:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/04/25 15:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/25 15:57	1
2-Hexanone	ND		5.0	1.2	ug/L			04/04/25 15:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/25 15:57	1
Acetone	ND		10	3.0	ug/L			04/04/25 15:57	1
Benzene	ND		1.0	0.41	ug/L			04/04/25 15:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/25 15:57	1
Bromoform	ND		1.0	0.26	ug/L			04/04/25 15:57	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/25 15:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/04/25 15:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/25 15:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/04/25 15:57	1
Chloroethane	7.3		1.0	0.32	ug/L			04/04/25 15:57	1
Chloroform	ND		1.0	0.34	ug/L			04/04/25 15:57	1
Chloromethane	ND		1.0	0.35	ug/L			04/04/25 15:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/04/25 15:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/25 15:57	1
Cyclohexane	ND		1.0	0.18	ug/L			04/04/25 15:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/25 15:57	1
Dichlorodifluoromethane	ND	*+	1.0	0.68	ug/L			04/04/25 15:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/04/25 15:57	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/04/25 15:57	1
Methyl acetate	ND		2.5	1.3	ug/L			04/04/25 15:57	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/04/25 15:57	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/04/25 15:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/04/25 15:57	1
Styrene	ND		1.0	0.73	ug/L			04/04/25 15:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/04/25 15:57	1
Toluene	ND		1.0	0.51	ug/L			04/04/25 15:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/04/25 15:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/25 15:57	1
Trichloroethene	ND		1.0	0.46	ug/L			04/04/25 15:57	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/04/25 15:57	1
Vinyl chloride	2.9		1.0	0.90	ug/L			04/04/25 15:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/04/25 15:57	1

Client Sample Results

Client: AECOM
 Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: DPE-2
Date Collected: 04/02/25 09:00
Date Received: 04/02/25 14:40

Lab Sample ID: 480-228385-11
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		04/04/25 15:57	1
4-Bromofluorobenzene (Surr)	102		73 - 120		04/04/25 15:57	1
Toluene-d8 (Surr)	103		80 - 120		04/04/25 15:57	1
Dibromofluoromethane (Surr)	102		75 - 123		04/04/25 15:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	5.2		1.0	0.43	mg/L			04/03/25 05:58	1

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-13D

Lab Sample ID: 480-228385-12

Date Collected: 04/02/25 11:20

Matrix: Water

Date Received: 04/02/25 14:40

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/25 16:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/25 16:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/04/25 16:20	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/25 16:20	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/04/25 16:20	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/25 16:20	1
1,2,4-Trichlorobenzene	ND	*+	1.0	0.41	ug/L			04/04/25 16:20	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/04/25 16:20	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/04/25 16:20	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/04/25 16:20	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/25 16:20	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/25 16:20	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/04/25 16:20	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/04/25 16:20	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/25 16:20	1
2-Hexanone	ND		5.0	1.2	ug/L			04/04/25 16:20	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/25 16:20	1
Acetone	ND		10	3.0	ug/L			04/04/25 16:20	1
Benzene	ND		1.0	0.41	ug/L			04/04/25 16:20	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/25 16:20	1
Bromoform	ND		1.0	0.26	ug/L			04/04/25 16:20	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/25 16:20	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/04/25 16:20	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/25 16:20	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/04/25 16:20	1
Chloroethane	2.2		1.0	0.32	ug/L			04/04/25 16:20	1
Chloroform	ND		1.0	0.34	ug/L			04/04/25 16:20	1
Chloromethane	ND		1.0	0.35	ug/L			04/04/25 16:20	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/04/25 16:20	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/25 16:20	1
Cyclohexane	ND		1.0	0.18	ug/L			04/04/25 16:20	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/25 16:20	1
Dichlorodifluoromethane	ND	*+	1.0	0.68	ug/L			04/04/25 16:20	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/04/25 16:20	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/04/25 16:20	1
Methyl acetate	ND		2.5	1.3	ug/L			04/04/25 16:20	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/04/25 16:20	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/04/25 16:20	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/04/25 16:20	1
Styrene	ND		1.0	0.73	ug/L			04/04/25 16:20	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/04/25 16:20	1
Toluene	ND		1.0	0.51	ug/L			04/04/25 16:20	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/04/25 16:20	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/25 16:20	1
Trichloroethene	ND		1.0	0.46	ug/L			04/04/25 16:20	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/04/25 16:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/04/25 16:20	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/04/25 16:20	1

Eurolins Buffalo

Client Sample Results

Client: AECOM
 Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-13D

Lab Sample ID: 480-228385-12

Date Collected: 04/02/25 11:20

Matrix: Water

Date Received: 04/02/25 14:40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		04/04/25 16:20	1
4-Bromofluorobenzene (Surr)	102		73 - 120		04/04/25 16:20	1
Toluene-d8 (Surr)	109		80 - 120		04/04/25 16:20	1
Dibromofluoromethane (Surr)	109		75 - 123		04/04/25 16:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	1.8		1.0	0.43	mg/L			04/03/25 07:21	1

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-15S

Lab Sample ID: 480-228385-13

Date Collected: 04/02/25 12:35

Matrix: Water

Date Received: 04/02/25 14:40

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			04/04/25 16:42	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			04/04/25 16:42	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			04/04/25 16:42	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			04/04/25 16:42	20
1,1-Dichloroethane	210		20	7.6	ug/L			04/04/25 16:42	20
1,1-Dichloroethene	ND		20	5.8	ug/L			04/04/25 16:42	20
1,2,4-Trichlorobenzene	ND	*+	20	8.2	ug/L			04/04/25 16:42	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			04/04/25 16:42	20
1,2-Dibromoethane	ND		20	15	ug/L			04/04/25 16:42	20
1,2-Dichlorobenzene	ND		20	16	ug/L			04/04/25 16:42	20
1,2-Dichloroethane	ND		20	4.2	ug/L			04/04/25 16:42	20
1,2-Dichloropropane	ND		20	14	ug/L			04/04/25 16:42	20
1,3-Dichlorobenzene	ND		20	16	ug/L			04/04/25 16:42	20
1,4-Dichlorobenzene	ND		20	17	ug/L			04/04/25 16:42	20
2-Butanone (MEK)	ND		200	26	ug/L			04/04/25 16:42	20
2-Hexanone	ND		100	25	ug/L			04/04/25 16:42	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			04/04/25 16:42	20
Acetone	65	J	200	60	ug/L			04/04/25 16:42	20
Benzene	ND		20	8.2	ug/L			04/04/25 16:42	20
Bromodichloromethane	ND		20	7.8	ug/L			04/04/25 16:42	20
Bromoform	ND		20	5.2	ug/L			04/04/25 16:42	20
Bromomethane	ND		20	14	ug/L			04/04/25 16:42	20
Carbon disulfide	ND		20	3.8	ug/L			04/04/25 16:42	20
Carbon tetrachloride	ND		20	5.4	ug/L			04/04/25 16:42	20
Chlorobenzene	ND		20	15	ug/L			04/04/25 16:42	20
Chloroethane	120		20	6.4	ug/L			04/04/25 16:42	20
Chloroform	ND		20	6.8	ug/L			04/04/25 16:42	20
Chloromethane	ND		20	7.0	ug/L			04/04/25 16:42	20
cis-1,2-Dichloroethene	270		20	16	ug/L			04/04/25 16:42	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			04/04/25 16:42	20
Cyclohexane	ND		20	3.6	ug/L			04/04/25 16:42	20
Dibromochloromethane	ND		20	6.4	ug/L			04/04/25 16:42	20
Dichlorodifluoromethane	ND	*+	20	14	ug/L			04/04/25 16:42	20
Ethylbenzene	ND		20	15	ug/L			04/04/25 16:42	20
Isopropylbenzene	ND		20	16	ug/L			04/04/25 16:42	20
Methyl acetate	ND		50	26	ug/L			04/04/25 16:42	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			04/04/25 16:42	20
Methylcyclohexane	ND		20	3.2	ug/L			04/04/25 16:42	20
Methylene Chloride	ND		20	8.8	ug/L			04/04/25 16:42	20
Styrene	ND		20	15	ug/L			04/04/25 16:42	20
Tetrachloroethene	ND		20	7.2	ug/L			04/04/25 16:42	20
Toluene	150		20	10	ug/L			04/04/25 16:42	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			04/04/25 16:42	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			04/04/25 16:42	20
Trichloroethene	28		20	9.2	ug/L			04/04/25 16:42	20
Trichlorofluoromethane	ND		20	18	ug/L			04/04/25 16:42	20
Vinyl chloride	72		20	18	ug/L			04/04/25 16:42	20
Xylenes, Total	23	J	40	13	ug/L			04/04/25 16:42	20

Client Sample Results

Client: AECOM
 Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-15S
Date Collected: 04/02/25 12:35
Date Received: 04/02/25 14:40

Lab Sample ID: 480-228385-13
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		04/04/25 16:42	20
4-Bromofluorobenzene (Surr)	100		73 - 120		04/04/25 16:42	20
Toluene-d8 (Surr)	108		80 - 120		04/04/25 16:42	20
Dibromofluoromethane (Surr)	109		75 - 123		04/04/25 16:42	20

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	241		5.0	2.2	mg/L			04/03/25 05:30	5

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-15D

Lab Sample ID: 480-228385-14

Date Collected: 04/02/25 13:45

Matrix: Water

Date Received: 04/02/25 14:40

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			04/04/25 17:06	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			04/04/25 17:06	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			04/04/25 17:06	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			04/04/25 17:06	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			04/04/25 17:06	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			04/04/25 17:06	2
1,2,4-Trichlorobenzene	ND	*+	2.0	0.82	ug/L			04/04/25 17:06	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			04/04/25 17:06	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			04/04/25 17:06	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			04/04/25 17:06	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			04/04/25 17:06	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			04/04/25 17:06	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			04/04/25 17:06	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			04/04/25 17:06	2
2-Butanone (MEK)	ND		20	2.6	ug/L			04/04/25 17:06	2
2-Hexanone	ND		10	2.5	ug/L			04/04/25 17:06	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			04/04/25 17:06	2
Acetone	ND		20	6.0	ug/L			04/04/25 17:06	2
Benzene	ND		2.0	0.82	ug/L			04/04/25 17:06	2
Bromodichloromethane	ND		2.0	0.78	ug/L			04/04/25 17:06	2
Bromoform	ND		2.0	0.52	ug/L			04/04/25 17:06	2
Bromomethane	ND		2.0	1.4	ug/L			04/04/25 17:06	2
Carbon disulfide	ND		2.0	0.38	ug/L			04/04/25 17:06	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			04/04/25 17:06	2
Chlorobenzene	ND		2.0	1.5	ug/L			04/04/25 17:06	2
Chloroethane	140		2.0	0.64	ug/L			04/04/25 17:06	2
Chloroform	ND		2.0	0.68	ug/L			04/04/25 17:06	2
Chloromethane	ND		2.0	0.70	ug/L			04/04/25 17:06	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			04/04/25 17:06	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			04/04/25 17:06	2
Cyclohexane	ND		2.0	0.36	ug/L			04/04/25 17:06	2
Dibromochloromethane	ND		2.0	0.64	ug/L			04/04/25 17:06	2
Dichlorodifluoromethane	ND	*+	2.0	1.4	ug/L			04/04/25 17:06	2
Ethylbenzene	ND		2.0	1.5	ug/L			04/04/25 17:06	2
Isopropylbenzene	ND		2.0	1.6	ug/L			04/04/25 17:06	2
Methyl acetate	ND		5.0	2.6	ug/L			04/04/25 17:06	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			04/04/25 17:06	2
Methylcyclohexane	ND		2.0	0.32	ug/L			04/04/25 17:06	2
Methylene Chloride	ND		2.0	0.88	ug/L			04/04/25 17:06	2
Styrene	ND		2.0	1.5	ug/L			04/04/25 17:06	2
Tetrachloroethene	ND		2.0	0.72	ug/L			04/04/25 17:06	2
Toluene	ND		2.0	1.0	ug/L			04/04/25 17:06	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			04/04/25 17:06	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			04/04/25 17:06	2
Trichloroethene	ND		2.0	0.92	ug/L			04/04/25 17:06	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			04/04/25 17:06	2
Vinyl chloride	ND		2.0	1.8	ug/L			04/04/25 17:06	2
Xylenes, Total	ND		4.0	1.3	ug/L			04/04/25 17:06	2

Eurolins Buffalo

Client Sample Results

Client: AECOM
 Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-15D
Date Collected: 04/02/25 13:45
Date Received: 04/02/25 14:40

Lab Sample ID: 480-228385-14
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		04/04/25 17:06	2
4-Bromofluorobenzene (Surr)	103		73 - 120		04/04/25 17:06	2
Toluene-d8 (Surr)	102		80 - 120		04/04/25 17:06	2
Dibromofluoromethane (Surr)	105		75 - 123		04/04/25 17:06	2

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	1.1		1.0	0.43	mg/L			04/03/25 08:16	1

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-3

Lab Sample ID: 480-228416-1

Date Collected: 04/03/25 10:35

Matrix: Water

Date Received: 04/03/25 13:50

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/07/25 14:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/07/25 14:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/07/25 14:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/07/25 14:19	1
1,1-Dichloroethane	13		1.0	0.38	ug/L			04/07/25 14:19	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/07/25 14:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/07/25 14:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/07/25 14:19	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/07/25 14:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/07/25 14:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/07/25 14:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/07/25 14:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/07/25 14:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/07/25 14:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/07/25 14:19	1
2-Hexanone	ND		5.0	1.2	ug/L			04/07/25 14:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/07/25 14:19	1
Acetone	ND		10	3.0	ug/L			04/07/25 14:19	1
Benzene	ND		1.0	0.41	ug/L			04/07/25 14:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/07/25 14:19	1
Bromoform	ND		1.0	0.26	ug/L			04/07/25 14:19	1
Bromomethane	ND		1.0	0.69	ug/L			04/07/25 14:19	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/07/25 14:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/07/25 14:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/07/25 14:19	1
Chloroethane	ND		1.0	0.32	ug/L			04/07/25 14:19	1
Chloroform	ND		1.0	0.34	ug/L			04/07/25 14:19	1
Chloromethane	ND		1.0	0.35	ug/L			04/07/25 14:19	1
cis-1,2-Dichloroethene	1.8		1.0	0.81	ug/L			04/07/25 14:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/07/25 14:19	1
Cyclohexane	ND		1.0	0.18	ug/L			04/07/25 14:19	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/07/25 14:19	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/07/25 14:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/07/25 14:19	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/07/25 14:19	1
Methyl acetate	ND		2.5	1.3	ug/L			04/07/25 14:19	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/07/25 14:19	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/07/25 14:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/07/25 14:19	1
Styrene	ND		1.0	0.73	ug/L			04/07/25 14:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/07/25 14:19	1
Toluene	ND		1.0	0.51	ug/L			04/07/25 14:19	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/07/25 14:19	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/07/25 14:19	1
Trichloroethene	ND		1.0	0.46	ug/L			04/07/25 14:19	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/07/25 14:19	1
Vinyl chloride	5.9		1.0	0.90	ug/L			04/07/25 14:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/07/25 14:19	1

Client Sample Results

Client: AECOM
 Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-3
Date Collected: 04/03/25 10:35
Date Received: 04/03/25 13:50

Lab Sample ID: 480-228416-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		04/07/25 14:19	1
4-Bromofluorobenzene (Surr)	96		73 - 120		04/07/25 14:19	1
Toluene-d8 (Surr)	99		80 - 120		04/07/25 14:19	1
Dibromofluoromethane (Surr)	105		75 - 123		04/07/25 14:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	2.7		1.0	0.43	mg/L			04/07/25 21:16	1



Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-2

Lab Sample ID: 480-228416-2

Date Collected: 04/03/25 12:45

Matrix: Water

Date Received: 04/03/25 13:50

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			04/07/25 14:53	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			04/07/25 14:53	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			04/07/25 14:53	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			04/07/25 14:53	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			04/07/25 14:53	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			04/07/25 14:53	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			04/07/25 14:53	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			04/07/25 14:53	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			04/07/25 14:53	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			04/07/25 14:53	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			04/07/25 14:53	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			04/07/25 14:53	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			04/07/25 14:53	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			04/07/25 14:53	4
2-Butanone (MEK)	ND		40	5.3	ug/L			04/07/25 14:53	4
2-Hexanone	ND		20	5.0	ug/L			04/07/25 14:53	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			04/07/25 14:53	4
Acetone	ND		40	12	ug/L			04/07/25 14:53	4
Benzene	ND		4.0	1.6	ug/L			04/07/25 14:53	4
Bromodichloromethane	ND		4.0	1.6	ug/L			04/07/25 14:53	4
Bromoform	ND		4.0	1.0	ug/L			04/07/25 14:53	4
Bromomethane	ND		4.0	2.8	ug/L			04/07/25 14:53	4
Carbon disulfide	ND		4.0	0.76	ug/L			04/07/25 14:53	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			04/07/25 14:53	4
Chlorobenzene	ND		4.0	3.0	ug/L			04/07/25 14:53	4
Chloroethane	ND		4.0	1.3	ug/L			04/07/25 14:53	4
Chloroform	ND		4.0	1.4	ug/L			04/07/25 14:53	4
Chloromethane	ND		4.0	1.4	ug/L			04/07/25 14:53	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			04/07/25 14:53	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			04/07/25 14:53	4
Cyclohexane	ND		4.0	0.72	ug/L			04/07/25 14:53	4
Dibromochloromethane	ND		4.0	1.3	ug/L			04/07/25 14:53	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			04/07/25 14:53	4
Ethylbenzene	ND		4.0	3.0	ug/L			04/07/25 14:53	4
Isopropylbenzene	ND		4.0	3.2	ug/L			04/07/25 14:53	4
Methyl acetate	ND		10	5.2	ug/L			04/07/25 14:53	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			04/07/25 14:53	4
Methylcyclohexane	ND		4.0	0.64	ug/L			04/07/25 14:53	4
Methylene Chloride	ND		4.0	1.8	ug/L			04/07/25 14:53	4
Styrene	ND		4.0	2.9	ug/L			04/07/25 14:53	4
Tetrachloroethene	ND		4.0	1.4	ug/L			04/07/25 14:53	4
Toluene	ND		4.0	2.0	ug/L			04/07/25 14:53	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			04/07/25 14:53	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			04/07/25 14:53	4
Trichloroethene	ND		4.0	1.8	ug/L			04/07/25 14:53	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			04/07/25 14:53	4
Vinyl chloride	ND		4.0	3.6	ug/L			04/07/25 14:53	4
Xylenes, Total	ND		8.0	2.6	ug/L			04/07/25 14:53	4

Euromins Buffalo

Client Sample Results

Client: AECOM
 Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-2
Date Collected: 04/03/25 12:45
Date Received: 04/03/25 13:50

Lab Sample ID: 480-228416-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		04/07/25 14:53	4
4-Bromofluorobenzene (Surr)	94		73 - 120		04/07/25 14:53	4
Toluene-d8 (Surr)	97		80 - 120		04/07/25 14:53	4
Dibromofluoromethane (Surr)	101		75 - 123		04/07/25 14:53	4

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	18.4		1.0	0.43	mg/L			04/07/25 21:44	1

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-9

Lab Sample ID: 480-228416-3

Date Collected: 04/03/25 12:05

Matrix: Water

Date Received: 04/03/25 13:50

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/07/25 15:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/07/25 15:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/07/25 15:16	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/07/25 15:16	1
1,1-Dichloroethane	7.0		1.0	0.38	ug/L			04/07/25 15:16	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/07/25 15:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/07/25 15:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/07/25 15:16	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/07/25 15:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/07/25 15:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/07/25 15:16	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/07/25 15:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/07/25 15:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/07/25 15:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/07/25 15:16	1
2-Hexanone	ND		5.0	1.2	ug/L			04/07/25 15:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/07/25 15:16	1
Acetone	ND		10	3.0	ug/L			04/07/25 15:16	1
Benzene	ND		1.0	0.41	ug/L			04/07/25 15:16	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/07/25 15:16	1
Bromoform	ND		1.0	0.26	ug/L			04/07/25 15:16	1
Bromomethane	ND		1.0	0.69	ug/L			04/07/25 15:16	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/07/25 15:16	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/07/25 15:16	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/07/25 15:16	1
Chloroethane	ND		1.0	0.32	ug/L			04/07/25 15:16	1
Chloroform	ND		1.0	0.34	ug/L			04/07/25 15:16	1
Chloromethane	ND		1.0	0.35	ug/L			04/07/25 15:16	1
cis-1,2-Dichloroethene	6.2		1.0	0.81	ug/L			04/07/25 15:16	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/07/25 15:16	1
Cyclohexane	ND		1.0	0.18	ug/L			04/07/25 15:16	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/07/25 15:16	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/07/25 15:16	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/07/25 15:16	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/07/25 15:16	1
Methyl acetate	ND		2.5	1.3	ug/L			04/07/25 15:16	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/07/25 15:16	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/07/25 15:16	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/07/25 15:16	1
Styrene	ND		1.0	0.73	ug/L			04/07/25 15:16	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/07/25 15:16	1
Toluene	ND		1.0	0.51	ug/L			04/07/25 15:16	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/07/25 15:16	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/07/25 15:16	1
Trichloroethene	ND		1.0	0.46	ug/L			04/07/25 15:16	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/07/25 15:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/07/25 15:16	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/07/25 15:16	1

Client Sample Results

Client: AECOM
 Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-9
Date Collected: 04/03/25 12:05
Date Received: 04/03/25 13:50

Lab Sample ID: 480-228416-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		04/07/25 15:16	1
4-Bromofluorobenzene (Surr)	97		73 - 120		04/07/25 15:16	1
Toluene-d8 (Surr)	100		80 - 120		04/07/25 15:16	1
Dibromofluoromethane (Surr)	102		75 - 123		04/07/25 15:16	1

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	3.4		1.0	0.43	mg/L			04/08/25 00:02	1

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-14S

Lab Sample ID: 480-228416-4

Date Collected: 04/03/25 09:00

Matrix: Water

Date Received: 04/03/25 13:50

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/07/25 15:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/07/25 15:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/07/25 15:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/07/25 15:40	1
1,1-Dichloroethane	3.4		1.0	0.38	ug/L			04/07/25 15:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/07/25 15:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/07/25 15:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/07/25 15:40	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/07/25 15:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/07/25 15:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/07/25 15:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/07/25 15:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/07/25 15:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/07/25 15:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/07/25 15:40	1
2-Hexanone	ND		5.0	1.2	ug/L			04/07/25 15:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/07/25 15:40	1
Acetone	ND		10	3.0	ug/L			04/07/25 15:40	1
Benzene	ND		1.0	0.41	ug/L			04/07/25 15:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/07/25 15:40	1
Bromoform	ND		1.0	0.26	ug/L			04/07/25 15:40	1
Bromomethane	ND		1.0	0.69	ug/L			04/07/25 15:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/07/25 15:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/07/25 15:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/07/25 15:40	1
Chloroethane	ND		1.0	0.32	ug/L			04/07/25 15:40	1
Chloroform	ND		1.0	0.34	ug/L			04/07/25 15:40	1
Chloromethane	ND		1.0	0.35	ug/L			04/07/25 15:40	1
cis-1,2-Dichloroethene	3.2		1.0	0.81	ug/L			04/07/25 15:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/07/25 15:40	1
Cyclohexane	ND		1.0	0.18	ug/L			04/07/25 15:40	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/07/25 15:40	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/07/25 15:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/07/25 15:40	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/07/25 15:40	1
Methyl acetate	ND		2.5	1.3	ug/L			04/07/25 15:40	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/07/25 15:40	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/07/25 15:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/07/25 15:40	1
Styrene	ND		1.0	0.73	ug/L			04/07/25 15:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/07/25 15:40	1
Toluene	ND		1.0	0.51	ug/L			04/07/25 15:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/07/25 15:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/07/25 15:40	1
Trichloroethene	ND		1.0	0.46	ug/L			04/07/25 15:40	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/07/25 15:40	1
Vinyl chloride	1.8		1.0	0.90	ug/L			04/07/25 15:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/07/25 15:40	1

Client Sample Results

Client: AECOM
 Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-14S
Date Collected: 04/03/25 09:00
Date Received: 04/03/25 13:50

Lab Sample ID: 480-228416-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		04/07/25 15:40	1
4-Bromofluorobenzene (Surr)	98		73 - 120		04/07/25 15:40	1
Toluene-d8 (Surr)	98		80 - 120		04/07/25 15:40	1
Dibromofluoromethane (Surr)	103		75 - 123		04/07/25 15:40	1

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	4.1		1.0	0.43	mg/L			04/08/25 00:57	1

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-14D

Lab Sample ID: 480-228416-5

Date Collected: 04/03/25 09:55

Matrix: Water

Date Received: 04/03/25 13:50

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/07/25 16:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/07/25 16:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/07/25 16:03	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/07/25 16:03	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/07/25 16:03	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/07/25 16:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/07/25 16:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/07/25 16:03	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/07/25 16:03	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/07/25 16:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/07/25 16:03	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/07/25 16:03	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/07/25 16:03	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/07/25 16:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/07/25 16:03	1
2-Hexanone	ND		5.0	1.2	ug/L			04/07/25 16:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/07/25 16:03	1
Acetone	ND		10	3.0	ug/L			04/07/25 16:03	1
Benzene	ND		1.0	0.41	ug/L			04/07/25 16:03	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/07/25 16:03	1
Bromoform	ND		1.0	0.26	ug/L			04/07/25 16:03	1
Bromomethane	ND		1.0	0.69	ug/L			04/07/25 16:03	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/07/25 16:03	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/07/25 16:03	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/07/25 16:03	1
Chloroethane	ND		1.0	0.32	ug/L			04/07/25 16:03	1
Chloroform	ND		1.0	0.34	ug/L			04/07/25 16:03	1
Chloromethane	ND		1.0	0.35	ug/L			04/07/25 16:03	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/07/25 16:03	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/07/25 16:03	1
Cyclohexane	ND		1.0	0.18	ug/L			04/07/25 16:03	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/07/25 16:03	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/07/25 16:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/07/25 16:03	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/07/25 16:03	1
Methyl acetate	ND		2.5	1.3	ug/L			04/07/25 16:03	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/07/25 16:03	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/07/25 16:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/07/25 16:03	1
Styrene	ND		1.0	0.73	ug/L			04/07/25 16:03	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/07/25 16:03	1
Toluene	ND		1.0	0.51	ug/L			04/07/25 16:03	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/07/25 16:03	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/07/25 16:03	1
Trichloroethene	ND		1.0	0.46	ug/L			04/07/25 16:03	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/07/25 16:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/07/25 16:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/07/25 16:03	1

Client Sample Results

Client: AECOM
 Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-14D
Date Collected: 04/03/25 09:55
Date Received: 04/03/25 13:50

Lab Sample ID: 480-228416-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		04/07/25 16:03	1
4-Bromofluorobenzene (Surr)	94		73 - 120		04/07/25 16:03	1
Toluene-d8 (Surr)	96		80 - 120		04/07/25 16:03	1
Dibromofluoromethane (Surr)	103		75 - 123		04/07/25 16:03	1

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	5.5		1.0	0.43	mg/L			04/08/25 01:53	1

Lab Chronicle

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-4

Lab Sample ID: 480-228332-1

Date Collected: 04/01/25 12:30

Matrix: Water

Date Received: 04/01/25 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	742443	AXK	EET BUF	04/02/25 17:11
Total/NA	Analysis	RSK-175		1	215020	CRC	EET BUR	04/10/25 13:24
Total/NA	Analysis	RSK-175		88	742449	VXF	EET BUF	04/02/25 11:07
Total/NA	Analysis	300.0		1	742636	AF	EET BUF	04/03/25 15:50
Total/NA	Analysis	310.2		10	742713	CG	EET BUF	04/03/25 09:32
Total/NA	Analysis	353.2		1	742479	AM	EET BUF	04/01/25 17:27
Total/NA	Analysis	353.2		1	742475	AM	EET BUF	04/01/25 17:46
Total/NA	Analysis	9060A		1	742606	AF	EET BUF	04/02/25 17:49
Dissolved	Filtration	Filtration			742721	CG	EET BUF	04/03/25 11:30
Dissolved	Analysis	SM 3500 FE D		1	742712	CG	EET BUF	04/03/25 11:55
Total/NA	Analysis	SM 4500 S2 F		1	742550	AM	EET BUF	04/02/25 16:00

Client Sample ID: MW-8R

Lab Sample ID: 480-228332-2

Date Collected: 04/01/25 11:30

Matrix: Water

Date Received: 04/01/25 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	742443	AXK	EET BUF	04/02/25 17:33
Total/NA	Analysis	RSK-175		1	215020	CRC	EET BUR	04/10/25 13:33
Total/NA	Analysis	RSK-175		220	742449	VXF	EET BUF	04/02/25 11:25
Total/NA	Analysis	300.0		1	742636	AF	EET BUF	04/03/25 16:05
Total/NA	Analysis	310.2		5	742713	CG	EET BUF	04/03/25 09:19
Total/NA	Analysis	353.2		1	742479	AM	EET BUF	04/01/25 17:33
Total/NA	Analysis	353.2		1	742475	AM	EET BUF	04/01/25 17:48
Total/NA	Analysis	9060A		1	742606	AF	EET BUF	04/02/25 18:17
Dissolved	Filtration	Filtration			742721	CG	EET BUF	04/03/25 11:30
Dissolved	Analysis	SM 3500 FE D		1	742712	CG	EET BUF	04/03/25 11:55
Total/NA	Analysis	SM 4500 S2 F		1	742550	AM	EET BUF	04/02/25 16:00

Client Sample ID: MW-13S

Lab Sample ID: 480-228332-3

Date Collected: 04/01/25 13:35

Matrix: Water

Date Received: 04/01/25 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	742443	AXK	EET BUF	04/02/25 17:56
Total/NA	Analysis	8260C	DL	4	742588	LCH	EET BUF	04/03/25 15:55
Total/NA	Analysis	RSK-175		1	215020	CRC	EET BUR	04/10/25 13:43
Total/NA	Analysis	RSK-175		110	742449	VXF	EET BUF	04/02/25 11:44
Total/NA	Analysis	300.0		5	742504	AF	EET BUF	04/02/25 16:46
Total/NA	Analysis	310.2		5	742713	CG	EET BUF	04/03/25 09:19
Total/NA	Analysis	353.2		1	742479	AM	EET BUF	04/01/25 17:35
Total/NA	Analysis	353.2		1	742475	AM	EET BUF	04/01/25 17:48

Lab Chronicle

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-13S

Lab Sample ID: 480-228332-3

Date Collected: 04/01/25 13:35

Matrix: Water

Date Received: 04/01/25 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9060A		1	742606	AF	EET BUF	04/02/25 15:28
Dissolved	Filtration	Filtration			742721	CG	EET BUF	04/03/25 11:30
Dissolved	Analysis	SM 3500 FE D		1	742712	CG	EET BUF	04/03/25 11:56
Total/NA	Analysis	SM 4500 S2 F		1	742550	AM	EET BUF	04/02/25 16:00

Client Sample ID: MW-11

Lab Sample ID: 480-228332-4

Date Collected: 04/01/25 10:25

Matrix: Water

Date Received: 04/01/25 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	742443	AXK	EET BUF	04/02/25 18:18
Total/NA	Analysis	RSK-175		1	215020	CRC	EET BUR	04/10/25 13:52
Total/NA	Analysis	RSK-175		22	742449	VXF	EET BUF	04/02/25 12:03
Total/NA	Analysis	300.0		10	742504	AF	EET BUF	04/02/25 17:01
Total/NA	Analysis	310.2		5	742713	CG	EET BUF	04/03/25 09:19
Total/NA	Analysis	353.2		1	742479	AM	EET BUF	04/01/25 17:36
Total/NA	Analysis	353.2		1	742475	AM	EET BUF	04/01/25 17:48
Total/NA	Analysis	9060A		1	742606	AF	EET BUF	04/02/25 16:24
Dissolved	Filtration	Filtration			742721	CG	EET BUF	04/03/25 11:30
Dissolved	Analysis	SM 3500 FE D		1	742712	CG	EET BUF	04/03/25 11:57
Total/NA	Analysis	SM 4500 S2 F		1	742550	AM	EET BUF	04/02/25 16:00

Client Sample ID: GWCT

Lab Sample ID: 480-228332-5

Date Collected: 04/01/25 08:55

Matrix: Water

Date Received: 04/01/25 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	742443	AXK	EET BUF	04/02/25 18:40
Total/NA	Analysis	9060A		1	742606	AF	EET BUF	04/02/25 20:10

Client Sample ID: Trip Blank

Lab Sample ID: 480-228332-6

Date Collected: 04/01/25 00:00

Matrix: Water

Date Received: 04/01/25 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	742443	AXK	EET BUF	04/02/25 19:02

Client Sample ID: MW-16S

Lab Sample ID: 480-228385-1

Date Collected: 04/02/25 09:00

Matrix: Water

Date Received: 04/02/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		200	742838	ERS	EET BUF	04/07/25 12:44
Total/NA	Analysis	RSK-175		1	215020	CRC	EET BUR	04/10/25 14:01

Lab Chronicle

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-16S

Lab Sample ID: 480-228385-1

Date Collected: 04/02/25 09:00

Matrix: Water

Date Received: 04/02/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	RSK-175		220	742572	VXF	EET BUF	04/03/25 09:55
Total/NA	Analysis	300.0		10	742636	AF	EET BUF	04/03/25 19:15
Total/NA	Analysis	310.2		10	742713	CG	EET BUF	04/03/25 09:49
Total/NA	Analysis	353.2		1	742660	AM	EET BUF	04/02/25 17:34
Total/NA	Analysis	353.2		1	742603	AM	EET BUF	04/02/25 17:51
Total/NA	Analysis	9060A		40	742606	AF	EET BUF	04/02/25 22:29
Dissolved	Filtration	Filtration			742721	CG	EET BUF	04/03/25 11:30
Dissolved	Analysis	SM 3500 FE D		10	742712	CG	EET BUF	04/03/25 12:44
Total/NA	Analysis	SM 4500 S2 F		1	742550	AM	EET BUF	04/02/25 16:00

Client Sample ID: MW-16D

Lab Sample ID: 480-228385-2

Date Collected: 04/02/25 10:10

Matrix: Water

Date Received: 04/02/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		20	742588	LCH	EET BUF	04/03/25 19:05
Total/NA	Analysis	RSK-175		1	215020	CRC	EET BUR	04/10/25 14:10
Total/NA	Analysis	RSK-175		110	742572	VXF	EET BUF	04/03/25 10:14
Total/NA	Analysis	300.0		10	742636	AF	EET BUF	04/03/25 19:30
Total/NA	Analysis	310.2		5	742713	CG	EET BUF	04/03/25 09:23
Total/NA	Analysis	353.2		1	742660	AM	EET BUF	04/02/25 17:39
Total/NA	Analysis	353.2		1	742603	AM	EET BUF	04/02/25 17:52
Total/NA	Analysis	9060A		1	742606	AF	EET BUF	04/02/25 22:57
Dissolved	Filtration	Filtration			742721	CG	EET BUF	04/03/25 11:30
Dissolved	Analysis	SM 3500 FE D		1	742712	CG	EET BUF	04/03/25 11:57
Total/NA	Analysis	SM 4500 S2 F		1	742550	AM	EET BUF	04/02/25 16:00

Client Sample ID: Trip Blank

Lab Sample ID: 480-228385-3

Date Collected: 04/02/25 00:00

Matrix: Water

Date Received: 04/02/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	742588	LCH	EET BUF	04/03/25 19:28

Client Sample ID: DPE-3

Lab Sample ID: 480-228385-4

Date Collected: 04/02/25 08:30

Matrix: Water

Date Received: 04/02/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	742963	ERS	EET BUF	04/08/25 13:19
Total/NA	Analysis	9060A		40	742606	AF	EET BUF	04/02/25 23:27

Lab Chronicle

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: DPE-4

Date Collected: 04/02/25 07:35

Date Received: 04/02/25 14:40

Lab Sample ID: 480-228385-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		20	742588	LCH	EET BUF	04/03/25 20:16
Total/NA	Analysis	9060A		1	742606	AF	EET BUF	04/02/25 23:54

Client Sample ID: DPE-5

Date Collected: 04/02/25 09:50

Date Received: 04/02/25 14:40

Lab Sample ID: 480-228385-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	742588	LCH	EET BUF	04/03/25 20:40
Total/NA	Analysis	9060A		10	742606	AF	EET BUF	04/03/25 00:22

Client Sample ID: DPE-6

Date Collected: 04/02/25 07:10

Date Received: 04/02/25 14:40

Lab Sample ID: 480-228385-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	742588	LCH	EET BUF	04/03/25 21:04
Total/NA	Analysis	9060A		1	742995	AF	EET BUF	04/07/25 15:15

Client Sample ID: DPE-7

Date Collected: 04/02/25 09:30

Date Received: 04/02/25 14:40

Lab Sample ID: 480-228385-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	742838	ERS	EET BUF	04/07/25 13:31
Total/NA	Analysis	9060A		1	742606	AF	EET BUF	04/03/25 03:39

Client Sample ID: DPE-8

Date Collected: 04/02/25 07:45

Date Received: 04/02/25 14:40

Lab Sample ID: 480-228385-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		400	742588	LCH	EET BUF	04/03/25 21:52
Total/NA	Analysis	9060A		40	742606	AF	EET BUF	04/03/25 04:35

Client Sample ID: DPE-1

Date Collected: 04/02/25 11:30

Date Received: 04/02/25 14:40

Lab Sample ID: 480-228385-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		20	742588	LCH	EET BUF	04/03/25 22:16
Total/NA	Analysis	9060A		5	742606	AF	EET BUF	04/03/25 05:02

Lab Chronicle

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: DPE-2

Date Collected: 04/02/25 09:00

Date Received: 04/02/25 14:40

Lab Sample ID: 480-228385-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	742727	LCH	EET BUF	04/04/25 15:57
Total/NA	Analysis	9060A		1	742606	AF	EET BUF	04/03/25 05:58

Client Sample ID: MW-13D

Date Collected: 04/02/25 11:20

Date Received: 04/02/25 14:40

Lab Sample ID: 480-228385-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	742727	LCH	EET BUF	04/04/25 16:20
Total/NA	Analysis	9060A		1	742606	AF	EET BUF	04/03/25 07:21

Client Sample ID: MW-15S

Date Collected: 04/02/25 12:35

Date Received: 04/02/25 14:40

Lab Sample ID: 480-228385-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		20	742727	LCH	EET BUF	04/04/25 16:42
Total/NA	Analysis	9060A		5	742606	AF	EET BUF	04/03/25 05:30

Client Sample ID: MW-15D

Date Collected: 04/02/25 13:45

Date Received: 04/02/25 14:40

Lab Sample ID: 480-228385-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	742727	LCH	EET BUF	04/04/25 17:06
Total/NA	Analysis	9060A		1	742606	AF	EET BUF	04/03/25 08:16

Client Sample ID: MW-3

Date Collected: 04/03/25 10:35

Date Received: 04/03/25 13:50

Lab Sample ID: 480-228416-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	742838	ERS	EET BUF	04/07/25 14:19
Total/NA	Analysis	9060A		1	742995	AF	EET BUF	04/07/25 21:16

Client Sample ID: MW-2

Date Collected: 04/03/25 12:45

Date Received: 04/03/25 13:50

Lab Sample ID: 480-228416-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		4	742838	ERS	EET BUF	04/07/25 14:53
Total/NA	Analysis	9060A		1	742995	AF	EET BUF	04/07/25 21:44

Lab Chronicle

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Client Sample ID: MW-9

Date Collected: 04/03/25 12:05

Date Received: 04/03/25 13:50

Lab Sample ID: 480-228416-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	742838	ERS	EET BUF	04/07/25 15:16
Total/NA	Analysis	9060A		1	742995	AF	EET BUF	04/08/25 00:02

Client Sample ID: MW-14S

Date Collected: 04/03/25 09:00

Date Received: 04/03/25 13:50

Lab Sample ID: 480-228416-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	742838	ERS	EET BUF	04/07/25 15:40
Total/NA	Analysis	9060A		1	742995	AF	EET BUF	04/08/25 00:57

Client Sample ID: MW-14D

Date Collected: 04/03/25 09:55

Date Received: 04/03/25 13:50

Lab Sample ID: 480-228416-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	742838	ERS	EET BUF	04/07/25 16:03
Total/NA	Analysis	9060A		1	742995	AF	EET BUF	04/08/25 01:53

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: AECOM
 Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228332-1

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
SM 3500 FE D		Water	Ferrous Iron

Laboratory: Eurofins Burlington

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
ANAB	Dept. of Defense ELAP	L2336	02-25-26
Connecticut	State	PH-0751	09-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	05-19-25
Florida	NELAP	E87467	06-30-25
Minnesota	NELAP	050-999-436	12-31-25
New Hampshire	NELAP	2006	12-18-25
New Jersey	NELAP	VT972	06-30-25
New York	NELAP	10391	03-31-26
Pennsylvania	NELAP	68-00489	04-30-26
US Fish & Wildlife	US Federal Programs	058448	07-31-25
USDA	US Federal Programs	525-23-353-27750	12-19-26
Virginia	NELAP	460209	12-14-25
Wisconsin	State	399140830	08-31-25

Method Summary

Client: AECOM

Job ID: 480-228332-1

Project/Site: Scott Figgie West of Plant 2

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
RSK-175	Dissolved Gases (GC)	RSK	EET BUF
RSK-175	Dissolved Gases (GC)	RSK	EET BUR
300.0	Anions, Ion Chromatography	EPA	EET BUF
310.2	Alkalinity	EPA	EET BUF
353.2	Nitrate	EPA	EET BUF
353.2	Nitrogen, Nitrite	EPA	EET BUF
9060A	Organic Carbon, Total (TOC)	SW846	EET BUF
SM 3500 FE D	Iron, Ferrous and Ferric	SM	EET BUF
SM 4500 S2 F	Sulfide, Total	SM	EET BUF
5030C	Purge and Trap	SW846	EET BUF
Filtration	Sample Filtration	None	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

None = None

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: AECOM

Job ID: 480-228332-1

Project/Site: Scott Figgie West of Plant 2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-228332-1	MW-4	Water	04/01/25 12:30	04/01/25 15:05
480-228332-2	MW-8R	Water	04/01/25 11:30	04/01/25 15:05
480-228332-3	MW-13S	Water	04/01/25 13:35	04/01/25 15:05
480-228332-4	MW-11	Water	04/01/25 10:25	04/01/25 15:05
480-228332-5	GWCT	Water	04/01/25 08:55	04/01/25 15:05
480-228332-6	Trip Blank	Water	04/01/25 00:00	04/01/25 15:05
480-228385-1	MW-16S	Water	04/02/25 09:00	04/02/25 14:40
480-228385-2	MW-16D	Water	04/02/25 10:10	04/02/25 14:40
480-228385-3	Trip Blank	Water	04/02/25 00:00	04/02/25 14:40
480-228385-4	DPE-3	Water	04/02/25 08:30	04/02/25 14:40
480-228385-5	DPE-4	Water	04/02/25 07:35	04/02/25 14:40
480-228385-6	DPE-5	Water	04/02/25 09:50	04/02/25 14:40
480-228385-7	DPE-6	Water	04/02/25 07:10	04/02/25 14:40
480-228385-8	DPE-7	Water	04/02/25 09:30	04/02/25 14:40
480-228385-9	DPE-8	Water	04/02/25 07:45	04/02/25 14:40
480-228385-10	DPE-1	Water	04/02/25 11:30	04/02/25 14:40
480-228385-11	DPE-2	Water	04/02/25 09:00	04/02/25 14:40
480-228385-12	MW-13D	Water	04/02/25 11:20	04/02/25 14:40
480-228385-13	MW-15S	Water	04/02/25 12:35	04/02/25 14:40
480-228385-14	MW-15D	Water	04/02/25 13:45	04/02/25 14:40
480-228416-1	MW-3	Water	04/03/25 10:35	04/03/25 13:50
480-228416-2	MW-2	Water	04/03/25 12:45	04/03/25 13:50
480-228416-3	MW-9	Water	04/03/25 12:05	04/03/25 13:50
480-228416-4	MW-14S	Water	04/03/25 09:00	04/03/25 13:50
480-228416-5	MW-14D	Water	04/03/25 09:55	04/03/25 13:50

Login Sample Receipt Checklist

Client: AECOM

Job Number: 480-228332-1

Login Number: 228332

List Source: Eurofins Buffalo

List Number: 1

Creator: Yeager, Brian A

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.1 ICE IR# SC
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	AECOM
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM

Job Number: 480-228332-1

Login Number: 228332

List Number: 2

Creator: Devarney, Hilary

List Source: Eurofins Burlington

List Creation: 04/04/25 01:43 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	2596817
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.6°C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM

Job Number: 480-228332-1

Login Number: 228385

List Source: Eurofins Buffalo

List Number: 1

Creator: Yeager, Brian A

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.2 ICE IR# SC
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	AECOM
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: AECOM

Job Number: 480-228332-1

Login Number: 228385

List Number: 2

Creator: Reynolds, Jamie K

List Source: Eurofins Burlington

List Creation: 04/08/25 03:09 PM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	2596830
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.6°C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: AECOM

Job Number: 480-228332-1

Login Number: 228416

List Source: Eurofins Buffalo

List Number: 1

Creator: Wallace, Cameron

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	AECOM
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.



Chain of Custody Record

10 Hazelwood Drive
 Amherst, NY 14228-2298
 Phone: 716-691-2600 Fax: 716-691-7991

Client Information
 Client Contact: Mr. Dino Zack
 Company: AECOM
 Address: 50 Lakefront Boulevard Suite 111
 City: Buffalo
 State, Zip: NY, 14202
 Phone: 1631522
 Email: dino.zack@aecom.com
 Project Name: Scott Figgie West of Plant 2 - MNA
 Site: New York

Sampler: C. Horvath Lab PM: Fischer, Brian J
 Phone: 585-317-6137 E-Mail: Brian.Fischer@eurofinsus.com
 PWSID: 585-317-6137
 Carrier Tracking No(s): NY
 State of Origin: NY
 Job #: 2
 COC No: 480-203652-27848.1
 Page: Page 1 of 2

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastefoil, BT=Tissue, A=Air)	Analysis Requested										Total Number of containers	Special Instructions/Note:	
					Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	RSK_175_CO2_DS_CO2	RSK_175_Dissolved_gases	SM4500_S2_F_sulfide	353_2_353_2_Nitrite_Nitrate_Calc	310_2_alkalinity	300_0_280_Sulfate	3500_FE_D_D_ferrous_iron_LF	8260C_VOC			9060A_Ir
MM14				Water													
MM15				Water													
MM13S				Water													
MM-16S	4/12/25	0700	G	Water					X	X	X	X	X	X	X	X	18
MM-16D	4/12/25	1010	G	Water					X	X	X	X	X	X	X	X	18
MM16				Water													
TCP Blank	4/12/25	-	G	water					X								1

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological
 Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if sampl)
 Return To Client Disposal By Lab
 Special Instructions/QC Requirements:
 Empty Kit Relinquished by: _____ Date: _____
 Relinquished by: Alan Date/Time: 4/12/25 1440 Company: AECOM
 Relinquished by: _____ Date/Time: _____ Company: _____
 Relinquished by: _____ Date/Time: _____ Company: _____
 Custody Seals Intact: Yes No
 Custody Seal No.: 12 IRASC ITC



480-228385 Chain of Custody



UNIFORM 10-DIGIT 1710 091-5000
SAMPLE CONTROL
EUROFINS ENVIRONMENT TESTING
10 HAZELWOOD DRIVE

BUFFALO, NY 142262223
UNITED STATES US

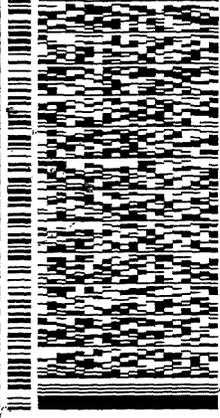
D TO SAMPLE RECEIPT

EUROFINS BURLINGTON
530 COMMUNITY DR
STE 11

SOUTH BURLINGTON VT 054036650

(802) 660-1890

REF: SOUTH BURLINGTON

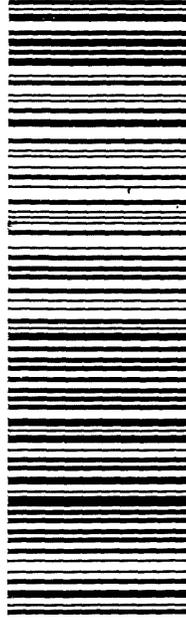


FRI - 04 APR 10:30A
PRIORITY OVERNIGHT

TRK# 7463 0663 2937
0201

XS BTVA

05403
VT-US BTV



589CA/5027/FE2D
Part # 159469-434 MTW EXP 07/25
NET WT: 22.26 LB
CAD: 0759273/CAFE3855
DIMS: 15x12x11 IN
BILL SENDER

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11



ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Dino Zack
AECOM
50 Lakefront Boulevard
Suite 111
Buffalo, New York 14202
Generated 4/16/2025 4:28:54 PM

JOB DESCRIPTION

Scott Figgie West of Plant 2

JOB NUMBER

480-228556-1

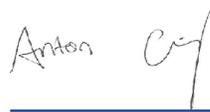
Eurofins Buffalo

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



Generated
4/16/2025 4:28:54 PM

Authorized for release by
Anton Gruning, Project Management Assistant I
Anton.Gruning@et.eurofinsus.com
Designee for
Brian Fischer, Manager of Project Management
Brian.Fischer@et.eurofinsus.com
(716)504-9835



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Definitions/Glossary

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228556-1

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: AECOM
Project: Scott Figgie West of Plant 2

Job ID: 480-228556-1

Job ID: 480-228556-1

Eurofins Buffalo

Job Narrative 480-228556-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 4/7/2025 1:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Air - GC/MS VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Buffalo

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228556-1

Client Sample ID: 2Q25-AS

Lab Sample ID: 480-228556-1

Date Collected: 04/01/25 07:00

Matrix: Air

Date Received: 04/07/25 13:15

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
1,1,2-Trichloroethane	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
1,1-Dichloroethane	0.25		0.20	0.20	ppb v/v			04/16/25 04:52	1
1,1-Dichloroethene	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.50	ppb v/v			04/16/25 04:52	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
1,2-Dibromoethane	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
1,2-Dichlorobenzene	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
1,2-Dichloroethane	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
1,2-Dichloroethene, Total	0.40	U	0.40	0.40	ppb v/v			04/16/25 04:52	1
1,2-Dichloropropane	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
1,3-Butadiene	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
1,3-Dichlorobenzene	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
1,4-Dichlorobenzene	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
1,4-Dioxane	5.0	U	5.0	5.0	ppb v/v			04/16/25 04:52	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
2-Chlorotoluene	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
3-Chloropropene	0.50	U	0.50	0.50	ppb v/v			04/16/25 04:52	1
4-Ethyltoluene	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
Acetone	5.0	U	5.0	5.0	ppb v/v			04/16/25 04:52	1
Benzene	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
Bromodichloromethane	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
Bromoform	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
Bromomethane	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
Carbon disulfide	0.87		0.50	0.50	ppb v/v			04/16/25 04:52	1
Carbon tetrachloride	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
Chlorobenzene	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
Chloroethane	28		0.50	0.50	ppb v/v			04/16/25 04:52	1
Chloroform	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
Chloromethane	0.73		0.50	0.50	ppb v/v			04/16/25 04:52	1
cis-1,2-Dichloroethene	0.30		0.20	0.20	ppb v/v			04/16/25 04:52	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
Cyclohexane	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
Dibromochloromethane	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
Dichlorodifluoromethane	0.50	U	0.50	0.50	ppb v/v			04/16/25 04:52	1
Ethylbenzene	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
Freon TF	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
Hexachlorobutadiene	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
Isopropyl alcohol	5.0	U	5.0	5.0	ppb v/v			04/16/25 04:52	1
m,p-Xylene	0.50	U	0.50	0.50	ppb v/v			04/16/25 04:52	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50	ppb v/v			04/16/25 04:52	1
Methyl Ethyl Ketone	0.50	U	0.50	0.50	ppb v/v			04/16/25 04:52	1
methyl isobutyl ketone	0.50	U	0.50	0.50	ppb v/v			04/16/25 04:52	1
Methyl tert-butyl ether	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1

Euromins Buffalo

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228556-1

Client Sample ID: 2Q25-AS

Lab Sample ID: 480-228556-1

Date Collected: 04/01/25 07:00

Matrix: Air

Date Received: 04/07/25 13:15

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.50	U	0.50	0.50	ppb v/v			04/16/25 04:52	1
n-Heptane	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
n-Hexane	0.50	U	0.50	0.50	ppb v/v			04/16/25 04:52	1
Styrene	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
tert-Butyl alcohol	5.0	U	5.0	5.0	ppb v/v			04/16/25 04:52	1
Tetrachloroethene	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
Tetrahydrofuran	5.0	U	5.0	5.0	ppb v/v			04/16/25 04:52	1
Toluene	0.23		0.20	0.20	ppb v/v			04/16/25 04:52	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
Trichloroethene	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1
Trichlorofluoromethane	0.22		0.20	0.20	ppb v/v			04/16/25 04:52	1
Vinyl chloride	0.41		0.20	0.20	ppb v/v			04/16/25 04:52	1
Xylene (total)	0.70	U	0.70	0.70	ppb v/v			04/16/25 04:52	1
Xylene, o-	0.20	U	0.20	0.20	ppb v/v			04/16/25 04:52	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	1.1	ug/m3			04/16/25 04:52	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	1.4	ug/m3			04/16/25 04:52	1
1,1,2-Trichloroethane	1.1	U	1.1	1.1	ug/m3			04/16/25 04:52	1
1,1-Dichloroethane	0.99		0.81	0.81	ug/m3			04/16/25 04:52	1
1,1-Dichloroethene	0.79	U	0.79	0.79	ug/m3			04/16/25 04:52	1
1,2,4-Trichlorobenzene	3.7	U	3.7	3.7	ug/m3			04/16/25 04:52	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.98	ug/m3			04/16/25 04:52	1
1,2-Dibromoethane	1.5	U	1.5	1.5	ug/m3			04/16/25 04:52	1
1,2-Dichlorobenzene	1.2	U	1.2	1.2	ug/m3			04/16/25 04:52	1
1,2-Dichloroethane	0.81	U	0.81	0.81	ug/m3			04/16/25 04:52	1
1,2-Dichloroethene, Total	1.6	U	1.6	1.6	ug/m3			04/16/25 04:52	1
1,2-Dichloropropane	0.92	U	0.92	0.92	ug/m3			04/16/25 04:52	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	1.4	ug/m3			04/16/25 04:52	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.98	ug/m3			04/16/25 04:52	1
1,3-Butadiene	0.44	U	0.44	0.44	ug/m3			04/16/25 04:52	1
1,3-Dichlorobenzene	1.2	U	1.2	1.2	ug/m3			04/16/25 04:52	1
1,4-Dichlorobenzene	1.2	U	1.2	1.2	ug/m3			04/16/25 04:52	1
1,4-Dioxane	18	U	18	18	ug/m3			04/16/25 04:52	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.93	ug/m3			04/16/25 04:52	1
2-Chlorotoluene	1.0	U	1.0	1.0	ug/m3			04/16/25 04:52	1
3-Chloropropene	1.6	U	1.6	1.6	ug/m3			04/16/25 04:52	1
4-Ethyltoluene	0.98	U	0.98	0.98	ug/m3			04/16/25 04:52	1
Acetone	12	U	12	12	ug/m3			04/16/25 04:52	1
Benzene	0.64	U	0.64	0.64	ug/m3			04/16/25 04:52	1
Bromodichloromethane	1.3	U	1.3	1.3	ug/m3			04/16/25 04:52	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.87	ug/m3			04/16/25 04:52	1
Bromoform	2.1	U	2.1	2.1	ug/m3			04/16/25 04:52	1
Bromomethane	0.78	U	0.78	0.78	ug/m3			04/16/25 04:52	1
Carbon disulfide	2.7		1.6	1.6	ug/m3			04/16/25 04:52	1
Carbon tetrachloride	1.3	U	1.3	1.3	ug/m3			04/16/25 04:52	1
Chlorobenzene	0.92	U	0.92	0.92	ug/m3			04/16/25 04:52	1
Chloroethane	74		1.3	1.3	ug/m3			04/16/25 04:52	1

Euromins Buffalo

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228556-1

Client Sample ID: 2Q25-AS

Lab Sample ID: 480-228556-1

Date Collected: 04/01/25 07:00

Matrix: Air

Date Received: 04/07/25 13:15

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	0.98	U	0.98	0.98	ug/m3			04/16/25 04:52	1
Chloromethane	1.5		1.0	1.0	ug/m3			04/16/25 04:52	1
cis-1,2-Dichloroethene	1.2		0.79	0.79	ug/m3			04/16/25 04:52	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.91	ug/m3			04/16/25 04:52	1
Cyclohexane	0.69	U	0.69	0.69	ug/m3			04/16/25 04:52	1
Dibromochloromethane	1.7	U	1.7	1.7	ug/m3			04/16/25 04:52	1
Dichlorodifluoromethane	2.5	U	2.5	2.5	ug/m3			04/16/25 04:52	1
Ethylbenzene	0.87	U	0.87	0.87	ug/m3			04/16/25 04:52	1
Freon TF	1.5	U	1.5	1.5	ug/m3			04/16/25 04:52	1
Hexachlorobutadiene	2.1	U	2.1	2.1	ug/m3			04/16/25 04:52	1
Isopropyl alcohol	12	U	12	12	ug/m3			04/16/25 04:52	1
m,p-Xylene	2.2	U	2.2	2.2	ug/m3			04/16/25 04:52	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	2.0	ug/m3			04/16/25 04:52	1
Methyl Ethyl Ketone	1.5	U	1.5	1.5	ug/m3			04/16/25 04:52	1
methyl isobutyl ketone	2.0	U	2.0	2.0	ug/m3			04/16/25 04:52	1
Methyl tert-butyl ether	0.72	U	0.72	0.72	ug/m3			04/16/25 04:52	1
Methylene Chloride	1.7	U	1.7	1.7	ug/m3			04/16/25 04:52	1
n-Heptane	0.82	U	0.82	0.82	ug/m3			04/16/25 04:52	1
n-Hexane	1.8	U	1.8	1.8	ug/m3			04/16/25 04:52	1
Styrene	0.85	U	0.85	0.85	ug/m3			04/16/25 04:52	1
tert-Butyl alcohol	15	U	15	15	ug/m3			04/16/25 04:52	1
Tetrachloroethene	1.4	U	1.4	1.4	ug/m3			04/16/25 04:52	1
Tetrahydrofuran	15	U	15	15	ug/m3			04/16/25 04:52	1
Toluene	0.86		0.75	0.75	ug/m3			04/16/25 04:52	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.79	ug/m3			04/16/25 04:52	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.91	ug/m3			04/16/25 04:52	1
Trichloroethene	1.1	U	1.1	1.1	ug/m3			04/16/25 04:52	1
Trichlorofluoromethane	1.3		1.1	1.1	ug/m3			04/16/25 04:52	1
Vinyl chloride	1.0		0.51	0.51	ug/m3			04/16/25 04:52	1
Xylene (total)	3.0	U	3.0	3.0	ug/m3			04/16/25 04:52	1
Xylene, o-	0.87	U	0.87	0.87	ug/m3			04/16/25 04:52	1

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228556-1

Client Sample ID: 2Q25-LRP

Lab Sample ID: 480-228556-2

Date Collected: 04/01/25 07:10

Matrix: Air

Date Received: 04/07/25 13:15

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
1,1,1,2-Tetrachloroethane	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
1,1,2-Trichloroethane	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
1,1-Dichloroethane	6.4		2.0	2.0	ppb v/v			04/16/25 05:48	10
1,1-Dichloroethene	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ppb v/v			04/16/25 05:48	10
1,2,4-Trimethylbenzene	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
1,2-Dibromoethane	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
1,2-Dichlorobenzene	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
1,2-Dichloroethane	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
1,2-Dichloroethene, Total	300		4.0	4.0	ppb v/v			04/16/25 05:48	10
1,2-Dichloropropane	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
1,2-Dichlorotetrafluoroethane	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
1,3,5-Trimethylbenzene	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
1,3-Butadiene	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
1,3-Dichlorobenzene	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
1,4-Dichlorobenzene	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
1,4-Dioxane	50	U	50	50	ppb v/v			04/16/25 05:48	10
2,2,4-Trimethylpentane	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
2-Chlorotoluene	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
3-Chloropropene	5.0	U	5.0	5.0	ppb v/v			04/16/25 05:48	10
4-Ethyltoluene	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
Acetone	50	U	50	50	ppb v/v			04/16/25 05:48	10
Benzene	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
Bromodichloromethane	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
Bromoethene(Vinyl Bromide)	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
Bromoform	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
Bromomethane	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
Carbon disulfide	18		5.0	5.0	ppb v/v			04/16/25 05:48	10
Carbon tetrachloride	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
Chlorobenzene	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
Chloroethane	33		5.0	5.0	ppb v/v			04/16/25 05:48	10
Chloroform	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
Chloromethane	5.0	U	5.0	5.0	ppb v/v			04/16/25 05:48	10
cis-1,2-Dichloroethene	300		2.0	2.0	ppb v/v			04/16/25 05:48	10
cis-1,3-Dichloropropene	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
Cyclohexane	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
Dibromochloromethane	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
Dichlorodifluoromethane	5.0	U	5.0	5.0	ppb v/v			04/16/25 05:48	10
Ethylbenzene	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
Freon TF	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
Hexachlorobutadiene	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
Isopropyl alcohol	50	U	50	50	ppb v/v			04/16/25 05:48	10
m,p-Xylene	5.0	U	5.0	5.0	ppb v/v			04/16/25 05:48	10
Methyl Butyl Ketone (2-Hexanone)	5.0	U	5.0	5.0	ppb v/v			04/16/25 05:48	10
Methyl Ethyl Ketone	5.0	U	5.0	5.0	ppb v/v			04/16/25 05:48	10
methyl isobutyl ketone	5.0	U	5.0	5.0	ppb v/v			04/16/25 05:48	10
Methyl tert-butyl ether	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10

Euromins Buffalo

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228556-1

Client Sample ID: 2Q25-LRP

Lab Sample ID: 480-228556-2

Date Collected: 04/01/25 07:10

Matrix: Air

Date Received: 04/07/25 13:15

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	5.0	U	5.0	5.0	ppb v/v			04/16/25 05:48	10
n-Heptane	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
n-Hexane	5.0	U	5.0	5.0	ppb v/v			04/16/25 05:48	10
Styrene	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
tert-Butyl alcohol	50	U	50	50	ppb v/v			04/16/25 05:48	10
Tetrachloroethene	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
Tetrahydrofuran	50	U	50	50	ppb v/v			04/16/25 05:48	10
Toluene	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
trans-1,2-Dichloroethene	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
trans-1,3-Dichloropropene	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
Trichloroethene	2.8		2.0	2.0	ppb v/v			04/16/25 05:48	10
Trichlorofluoromethane	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
Xylene (total)	7.0	U	7.0	7.0	ppb v/v			04/16/25 05:48	10
Xylene, o-	2.0	U	2.0	2.0	ppb v/v			04/16/25 05:48	10
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	11	U	11	11	ug/m3			04/16/25 05:48	10
1,1,1,2,2-Tetrachloroethane	14	U	14	14	ug/m3			04/16/25 05:48	10
1,1,2-Trichloroethane	11	U	11	11	ug/m3			04/16/25 05:48	10
1,1-Dichloroethane	26		8.1	8.1	ug/m3			04/16/25 05:48	10
1,1-Dichloroethene	7.9	U	7.9	7.9	ug/m3			04/16/25 05:48	10
1,2,4-Trichlorobenzene	37	U	37	37	ug/m3			04/16/25 05:48	10
1,2,4-Trimethylbenzene	9.8	U	9.8	9.8	ug/m3			04/16/25 05:48	10
1,2-Dibromoethane	15	U	15	15	ug/m3			04/16/25 05:48	10
1,2-Dichlorobenzene	12	U	12	12	ug/m3			04/16/25 05:48	10
1,2-Dichloroethane	8.1	U	8.1	8.1	ug/m3			04/16/25 05:48	10
1,2-Dichloroethene, Total	1200		16	16	ug/m3			04/16/25 05:48	10
1,2-Dichloropropane	9.2	U	9.2	9.2	ug/m3			04/16/25 05:48	10
1,2-Dichlorotetrafluoroethane	14	U	14	14	ug/m3			04/16/25 05:48	10
1,3,5-Trimethylbenzene	9.8	U	9.8	9.8	ug/m3			04/16/25 05:48	10
1,3-Butadiene	4.4	U	4.4	4.4	ug/m3			04/16/25 05:48	10
1,3-Dichlorobenzene	12	U	12	12	ug/m3			04/16/25 05:48	10
1,4-Dichlorobenzene	12	U	12	12	ug/m3			04/16/25 05:48	10
1,4-Dioxane	180	U	180	180	ug/m3			04/16/25 05:48	10
2,2,4-Trimethylpentane	9.3	U	9.3	9.3	ug/m3			04/16/25 05:48	10
2-Chlorotoluene	10	U	10	10	ug/m3			04/16/25 05:48	10
3-Chloropropene	16	U	16	16	ug/m3			04/16/25 05:48	10
4-Ethyltoluene	9.8	U	9.8	9.8	ug/m3			04/16/25 05:48	10
Acetone	120	U	120	120	ug/m3			04/16/25 05:48	10
Benzene	6.4	U	6.4	6.4	ug/m3			04/16/25 05:48	10
Bromodichloromethane	13	U	13	13	ug/m3			04/16/25 05:48	10
Bromoethene(Vinyl Bromide)	8.7	U	8.7	8.7	ug/m3			04/16/25 05:48	10
Bromoform	21	U	21	21	ug/m3			04/16/25 05:48	10
Bromomethane	7.8	U	7.8	7.8	ug/m3			04/16/25 05:48	10
Carbon disulfide	57		16	16	ug/m3			04/16/25 05:48	10
Carbon tetrachloride	13	U	13	13	ug/m3			04/16/25 05:48	10
Chlorobenzene	9.2	U	9.2	9.2	ug/m3			04/16/25 05:48	10
Chloroethane	87		13	13	ug/m3			04/16/25 05:48	10
Chloroform	9.8	U	9.8	9.8	ug/m3			04/16/25 05:48	10

Eurofins Buffalo

Client Sample Results

Client: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228556-1

Client Sample ID: 2Q25-LRP

Lab Sample ID: 480-228556-2

Date Collected: 04/01/25 07:10

Matrix: Air

Date Received: 04/07/25 13:15

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	10	U	10	10	ug/m3			04/16/25 05:48	10
cis-1,2-Dichloroethene	1200		7.9	7.9	ug/m3			04/16/25 05:48	10
cis-1,3-Dichloropropene	9.1	U	9.1	9.1	ug/m3			04/16/25 05:48	10
Cyclohexane	6.9	U	6.9	6.9	ug/m3			04/16/25 05:48	10
Dibromochloromethane	17	U	17	17	ug/m3			04/16/25 05:48	10
Dichlorodifluoromethane	25	U	25	25	ug/m3			04/16/25 05:48	10
Ethylbenzene	8.7	U	8.7	8.7	ug/m3			04/16/25 05:48	10
Freon TF	15	U	15	15	ug/m3			04/16/25 05:48	10
Hexachlorobutadiene	21	U	21	21	ug/m3			04/16/25 05:48	10
Isopropyl alcohol	120	U	120	120	ug/m3			04/16/25 05:48	10
m,p-Xylene	22	U	22	22	ug/m3			04/16/25 05:48	10
Methyl Butyl Ketone (2-Hexanone)	20	U	20	20	ug/m3			04/16/25 05:48	10
Methyl Ethyl Ketone	15	U	15	15	ug/m3			04/16/25 05:48	10
methyl isobutyl ketone	20	U	20	20	ug/m3			04/16/25 05:48	10
Methyl tert-butyl ether	7.2	U	7.2	7.2	ug/m3			04/16/25 05:48	10
Methylene Chloride	17	U	17	17	ug/m3			04/16/25 05:48	10
n-Heptane	8.2	U	8.2	8.2	ug/m3			04/16/25 05:48	10
n-Hexane	18	U	18	18	ug/m3			04/16/25 05:48	10
Styrene	8.5	U	8.5	8.5	ug/m3			04/16/25 05:48	10
tert-Butyl alcohol	150	U	150	150	ug/m3			04/16/25 05:48	10
Tetrachloroethene	14	U	14	14	ug/m3			04/16/25 05:48	10
Tetrahydrofuran	150	U	150	150	ug/m3			04/16/25 05:48	10
Toluene	7.5	U	7.5	7.5	ug/m3			04/16/25 05:48	10
trans-1,2-Dichloroethene	7.9	U	7.9	7.9	ug/m3			04/16/25 05:48	10
trans-1,3-Dichloropropene	9.1	U	9.1	9.1	ug/m3			04/16/25 05:48	10
Trichloroethene	15		11	11	ug/m3			04/16/25 05:48	10
Trichlorofluoromethane	11	U	11	11	ug/m3			04/16/25 05:48	10
Xylene (total)	30	U	30	30	ug/m3			04/16/25 05:48	10
Xylene, o-	8.7	U	8.7	8.7	ug/m3			04/16/25 05:48	10

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	530	D	8.0	8.0	ppb v/v			04/16/25 06:46	40
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	1400	D	20	20	ug/m3			04/16/25 06:46	40

Lab Chronicle

Client: AECOM
 Project/Site: Scott Figgie West of Plant 2

Job ID: 480-228556-1

Client Sample ID: 2Q25-AS

Date Collected: 04/01/25 07:00

Date Received: 04/07/25 13:15

Lab Sample ID: 480-228556-1

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	215164	VTP	EET BUR	04/16/25 04:52

Client Sample ID: 2Q25-LRP

Date Collected: 04/01/25 07:10

Date Received: 04/07/25 13:15

Lab Sample ID: 480-228556-2

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		10	215164	VTP	EET BUR	04/16/25 05:48
Total/NA	Analysis	TO-15	DL	40	215164	VTP	EET BUR	04/16/25 06:46

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990



Accreditation/Certification Summary

Client: AECOM

Job ID: 480-228556-1

Project/Site: Scott Figgie West of Plant 2

Laboratory: Eurofins Burlington

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
ANAB	Dept. of Defense ELAP	L2336	02-25-26
Connecticut	State	PH-0751	09-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	05-19-25
Florida	NELAP	E87467	06-30-25
Minnesota	NELAP	050-999-436	12-31-25
New Hampshire	NELAP	2006	12-18-25
New Jersey	NELAP	VT972	06-30-25
New York	NELAP	10391	03-31-26
Pennsylvania	NELAP	68-00489	04-30-26
US Fish & Wildlife	US Federal Programs	058448	07-31-25
USDA	US Federal Programs	525-23-353-27750	12-19-26
Virginia	NELAP	460209	12-14-25
Wisconsin	State	399140830	08-31-25

Method Summary

Client: AECOM

Job ID: 480-228556-1

Project/Site: Scott Figgie West of Plant 2

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	EET BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990



Sample Summary

Client: AECOM

Job ID: 480-228556-1

Project/Site: Scott Figgie West of Plant 2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-228556-1	2Q25-AS	Air	04/01/25 07:00	04/07/25 13:15	Air Canister (6-Liter) #4467
480-228556-2	2Q25-LRP	Air	04/01/25 07:10	04/07/25 13:15	Air Canister (6-Liter) #5026

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Login Sample Receipt Checklist

Client: AECOM

Job Number: 480-228556-1

Login Number: 228556

List Source: Eurofins Buffalo

List Number: 1

Creator: Reynolds, Jamie K

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	NA: Lab does not accept radioactive samples
The cooler's custody seal, if present, is intact.	N/A	No: Not present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	No: Thermal preservation not required
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	No: Thermal preservation not required
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Analytical Results

SiREM File Reference: S-11100

Client: AECOM Technical Services, Inc.
Client Project Number: 60676130-1
Date Samples Received: April 9, 2025
Date Samples Analyzed: April 16, 2025

Client Sample ID	SiREM Reference ID	Client Sample Date	Sample Dilution Factor	Lactate	Acetate	Propionate	Formate	Butyrate	Pyruvate	
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MW-16S	25-21988	4-Apr-25	1,000x	<10	716	26	<6.0	46	<10	
MW-8R	25-21989	4-Apr-25	50x	<0.50	<0.50	<0.30	<0.30	<0.15	<0.50	
MDL				50	0.50	0.50	0.30	0.30	0.15	0.50
				1,000	10	10	6.0	6.0	3.0	10
RL				50	2.0	2.0	2.0	2.0	2.0	2.0
				1,000	40	40	40	40	40	40

Comments:
Method: Ion Chromatography with Electrical Conductivity Detection
J = the associated value is an estimated result between the MDL and the RL
MDL = Method Detection Limit
RL = Reporting Limit
mg/L = milligram per liter
< = compound analyzed for but not detected, associated value is MDL. Sample MDL is corrected for dilution.

Analyst:
Brooke Rapien

Brooke Rapien, B.Sc.
Senior Laboratory Technician I

Results approved:
Kela Ashworth

Kela Ashworth, B.Sc.
Scientist

Date:

April 17, 2025



Canadian Shipping Address: 130 Stone Road West
 Guelph, Ontario N1G 3Z2
 PH: 1-519-822-2265
 Toll Free PH: 1-866-251-1747
 www.siremlab.com

U.S. Shipping Address: 180B Market Place Blvd
 Knoxville, TN 37922
 PH: 1-865-330-0037
 Toll Free PH: 1-866-251-1747

Chain of Custody (COC) Record

Lab #
 S 11100

Project Name <u>West Plant 2</u>		Project # (Optional) <u>60676130-1</u>		Analysis										1 of 1 COCs			
Project Manager <u>Dino Zack</u>		Proposal #												For Lab Use Only SIREM Database Info Recorded By: <u>KC</u> Date: <u>4.9.25</u>			
Company <u>AECOM</u>	Email Address <u>Dino.Zack@aecom.com</u>			Other Information (Optional)		Sample ID											
Address (Street) <u>50 Lakefront Blvd Suite 111</u>																	
City <u>Buffalo</u>	State/Province <u>New York</u>	Country <u>US</u>															
Phone # <u>716 866 8222</u>																	
Sampler's Signature <u>[Signature]</u>		Sampler's Printed Name <u>Dino Zack</u>															
Client Sample ID	Sampling		Matrix	Number of Containers	Sample Preservative	Gene Trac: DHC, FGA, DHB VFA											
	Date	Time															
<u>MW-16S</u>	<u>4/3/25</u>	<u>1255</u>	<u>GW</u>	<u>3</u>	<u>ice</u>	<u>X</u>	<u>X</u>	Gene Trac Per PO [Signature] BK-12787 4/4/25									
<u>MW-8R</u>	<u>4/3/25</u>	<u>1306</u>	<u>GW</u>	<u>2</u>	<u>ice</u>	<u>X</u>	<u>X</u>										
Billing Information (Optional) P.O. #: <u>PO 1662412</u>				Observed Cooler Temperature (°C): <u>12.4</u>						For Lab Use Only Cooler Number (if applicable): _____ Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable Thermometer ID: <u>KX00238</u> Custody Seal Number (if applicable): _____							
Bill To: <u>Dino Zack - Per PO 1662412</u>																	
Relinquished By: Signature <u>[Signature]</u>		Received By: Signature <u>[Signature]</u>		Relinquished By: Signature		Received By: Signature		Relinquished By: Signature		Received By: Signature							
Printed Name <u>Dino L. Zack</u>		Printed Name <u>Kaitland Cracchiolo</u>		Printed Name		Printed Name		Printed Name		Printed Name							
Firm <u>AECOM</u>		Firm <u>SiREM</u>		Firm		Firm		Firm		Firm							
Date/Time <u>4/4/25 0700</u>		Date/Time <u>4.9.25 0918</u>		Date/Time		Date/Time		Date/Time		Date/Time							

Please note: The SiREM Knoxville location does not have a loading dock. For large volume shipments a truck with a lift gate is required.



Canadian Shipping Address: 130 Stone Road West
 Guelph, Ontario N1G 3Z2
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 Knoxville, TN 37922
 PH: 1-865-330-0037
 Toll Free PH: 1-866-251-1747

COPY

Chain of Custody (COC) Record

Lab #
 S-11100

Project Name <u>West Plant 2</u>		Project # (Optional) <u>60676130-1</u>		Analysis										1 of 1 COCs	
Project Manager <u>Dino Zack</u>		Proposal #												Client Sample ID	
Company <u>AECOM</u>	Email Address <u>Dino.Zack@aecom.com</u>			Date	Time	Gene Trac: <u>DHL, FEA, DHB</u>		For Lab Use Only							
Address (Street) <u>50 Lakefront Blvd Suite 111</u>				City <u>Buffalo</u>		State/Province <u>New York</u>		Country <u>US</u>		Recorded By: <u>KC</u>		Date: <u>4-9-25</u>			
Phone # <u>716 866 8222</u>				Sampler's Signature <u>Dino Zack</u>		Sampler's Printed Name <u>Dino Zack</u>									
MW-16S		<u>4/8/25</u>	<u>1255</u>	<u>GW</u>	<u>31</u>	<u>ice</u>	<u>X</u>	<u>Y1</u>			<u>Gene Trac Per PO</u>		<u>Sample BK12787</u>		
mw-8R		<u>4/9/25</u>	<u>1305</u>	<u>GW</u>	<u>21</u>	<u>ice</u>		<u>Y1</u>			<u>4/4/25</u>				
Billing Information (Optional)		P.O. # <u>PO 1662412</u>		Observed Cooler Temperature (°C): <u>12.4</u>		Corrected Cooler Temperature (°C): <u> </u>		Thermometer ID: <u>KX00238</u>		Cooler Number (if applicable): <u> </u>		Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable			
Bill To <u>Dino Zack - Per PO 1662412</u>										Custody Seal Number (if applicable): <u> </u>					

Relinquished By: Signature <u>Dino L. Zack</u>	Received By: Signature <u>Kristina</u>	Relinquished By: Signature <u>Kristina</u>	Received By: Signature <u>H. Kennedy</u>	Relinquished By: Signature	Received By: Signature
Printed Name <u>Dino L. Zack</u>	Printed Name <u>Kristina Crachupa</u>	Printed Name <u>K. Crachupa</u>	Printed Name <u>H. Kennedy</u>	Printed Name	Printed Name
Firm <u>AECOM</u>	Firm <u>SiREM</u>	Firm <u>SiREM</u>	Firm <u>SiREM</u>	Firm	Firm
Date/Time <u>4/14/25 0700</u>	Date/Time <u>4-9-25 0918</u>	Date/Time <u>4-14-25 1100</u>	Date/Time <u>16-A-25 1030</u>	Date/Time	Date/Time

Please note: The SiREM Knoxville location does not have a loading dock. For large volume shipments a truck with a lift gate is required.

Appendix F IC/EC Certification



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



	Site Details	Box 1	
Site No.	915149		
Site Name Scott Aviation			
Site Address: 225 Erie Street		Zip Code: 14086	
City/Town: Lancaster			
County: Erie			
Site Acreage: 0.600			
Reporting Period: July 15, 2020 to July 15, 2025 April 5, 2024 to April 4, 2025			
		YES	NO
1.	Is the information above correct?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If NO, include handwritten above or on a separate sheet.			
2.	Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.	Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.	Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.			
5.	Is the site currently undergoing development?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		Box 2	
		YES	NO
6.	Is the current site use consistent with the use(s) listed below? Commercial and Industrial	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7.	Are all ICs in place and functioning as designed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.			
A Corrective Measures Work Plan must be submitted along with this form to address these issues.			
_____ Signature of Owner, Remedial Party or Designated Representative		_____ Date	

Description of Institutional Controls

<u>Parcel</u>	<u>Owner</u>	<u>Institutional Control</u>
104.16-4-8.1	AVOX Systems	Monitoring Plan O&M Plan

A long-term monitoring program is in place and includes: (1) periodic sampling of groundwater to monitor the effectiveness of the treatment systems, and (2) periodic sampling of the treatment systems to ensure compliance with discharge limits.

Description of Engineering Controls

<u>Parcel</u>	<u>Engineering Control</u>
104.16-4-8.1	Groundwater Treatment System Vapor Mitigation Cover System Groundwater Containment

In accordance with the ROD, a 200-foot long groundwater collection trench was constructed approximately 90 feet west of Plant 2 during February 1996. The purpose of the trench is to maintain hydraulic control of VOC-impacted groundwater. The groundwater treatment system consists of a low-profile shallow tray air stripper (AS) unit. Treated water from the AS unit is discharged under a City of Buffalo Pollutant Discharge Elimination System permit. The groundwater treatment system began operation on March 1 1996.

The groundwater collection trench system was subsequently combined with a dual phase extraction system installed at the Site between February and May 2004. The combined remediation system began operation on May 14, 2004.

A long-term operation and maintenance program is in place and includes: (1) long-term operation and maintenance of the groundwater collection and treatment system, and (2) long-term operation and maintenance of the dual phase extraction system.

Periodic Review Report (PRR) Certification Statements

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

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

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

YES NO

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

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

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

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

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

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

YES NO

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

**IC CERTIFICATIONS
SITE NO. 915149**

Box 6

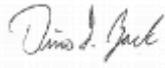
SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Dino Zack, PG, STS at 50 Lakefront Blvd, Suite 111, Buffalo, NY 14202,
print name print business address

am certifying as Scott Figgie LLC (Owner or Remedial Party)

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



on behalf of Scott Figgie LLC

June 9, 2025

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

Date

EC CERTIFICATIONS

Box 7

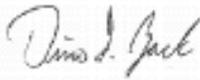
Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Dino Zack, PG, STS, at 50 Lakefront Blvd, Suite 111, Buffalo, NY 14202,

print name print business address

am certifying as a Qualified Environmental Professional for the on behalf of Scott Figgie LLC



on behalf of Scott Figgie LLC

June 9, 2025

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

Stamp
(Required for PE)

Date

